PERIODIC REVIEW REPORT
Brooklyn Navy Yard
63 Flushing Avenue
Brooklyn, New York 11205
Site No. V00120

Prepared for:

BROOKLYN NAVY YARD

Brooklyn Navy Yard Development Corporation
141 Flushing Avenue, Suite 801
Brooklyn, New York 11205

Prepared by:

CORE ENVIRONMENTAL CONSULTANTS

CORE Environmental Consultants, Inc.
22-48 119th Street
College Point, New York 11356

December 30, 2022

PROFESSIONAL ENGINEER CERTIFICATION

For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Elizabeth Tramposch, of CORE Environmental Consultants, Inc., 22-48 119th Street, College Point, New York, am certifying as Owner's/Remedial Party's Designated Site Representative for the Site.

098582	12/30/2022	Elizabeth Tramposch
NYS Professional Engineer Number	Date	Signature

(Stamp)

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EXECUTIVE SUMMARY

This Periodic Review Report (PRR) was prepared by CORE Environmental Consultants, Inc. (CORE), on behalf of the Brooklyn Navy Yard Development Corporation (BNYDC) as a required element of the remedial program for the Brooklyn Navy Yard Industrial Park (BNYIP) located in Brooklyn, New York (hereinafter referred to as the "Site"). The BNYIP is subject to an environmental easement and a Site Management Plan (SMP). The purpose of the SMP is to incorporate Institutional Controls and Engineering Controls (ICs and ECs) to control exposure to remaining contamination on Site and to ensure protection of public health and environment.

Historic activities conducted at the BNYIP prior to management by the BNYDC have resulted in contamination of soil and groundwater at the site. These impacts result from historic fill (low level impacts occurring sporadically throughout the site) or for known release sites, including underground storage tanks, former transformer areas, drum storage areas, and electrical substations impacted with polychlorinated biphenyls (PCBs). After completion of remedial work associated with transformer substations, some impacts were left at this site, which is hereafter referred to as "remaining contamination".

ICs and ECs have been incorporated into the Site remedy to control exposure of remaining contamination to ensure protection of public health and the environment. The Institutional Controls at the site include Ground Water Use Restriction, Land use Restriction, and a Soil Management Plan. The Engineering Controls at the site include a Cover System of a minimum of one foot of soil meeting the commercial use soil cleanup objectives (SCOs) as well as the remediation of former transformer substations.

The purpose of this PRR is to certify that: the property is being used solely for commercial or industrial uses (or other specified use, as detailed in the easement); that the site cover has been maintained in accordance with the SMP; that any transformer substations that have been taken out of service are in the process of being remediated, or have been remediated, as dictated by the environmental easement.

The current reporting period for this review is January 1, 2022 through December 30, 2022. During this period, there were thirteen (13) minor Cover System Disturbances where work was performed. Primary work conducted was sidewalk repairs involving concrete removal and replacement, as well as repairs to gas and water lines, and a catch basin repair. The Excavation Work Plan from Appendix E of the SMP was implemented whenever there was a Cover System Disturbance.

As part of the SMP Monitoring Plan, CORE completed an Annual Site Inspection on November 10, 2022. At the time of the inspection, all engineering controls (ECs) for the Site were determined to be in good, functioning condition. The cover system was found to be in good condition with no major cracks or holes. All ICs and ECs at the Site are following the SMP. At this time, no further recommendations or changes are needed for the SMP.

The Site remedy does not rely on any mechanical systems, such as groundwater treatment systems, sub-slab depressurization systems (SSDS) or air sparge/soil vapor extraction (AS/SVE) systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in the remedial activities.

1.0 SITE OVERVIEW

The Site is located at 63 Flushing Avenue in Brooklyn, Kings County, New York and is identified as Block 2023, Lot 1 by the New York City Department of Finance. The Site is an approximately 150-acre portion of the lot that is bound by the East River to the north, Flushing Avenue to the south, Kent Avenue to the east, and Navy Street and the New York City Department of Environmental Protection (NYCDEP) Red Hook Wastewater Treatment Plant (WWTP) to the west. A Site Location Map is presented on Figure 1 and a Site Map is presented on Figure 2.

1.1 SITE HISTORY

The BNY was founded in 1801 by an Act of Congress as the New York Naval Station for the purpose of building and repairing ships for the US Navy. The BNY rapidly grew to become one of the nation's most active and important centers of military industry. From its original 42-acre campus, the BNY expanded eastward over time until it reached its peak of activity during World War II, when over 70,000 people were employed at the BNY's 300-acre campus.

After World War II, activity at the BNY gradually declined until the Federal Government closed it in 1966 as part of a nationwide base-closing program. In 1968, the vast majority of the BNY (260 acres) was sold to the City of New York for $24 million. Ownership of the remaining sections of the BNY, including Admiral's Row, was retained by various Federal agencies. The City-owned portion of the BNY was re-opened in 1971 as an industrial park under the management of a local development corporation that eventually became the BNYDC. Originally the BNY was home to two large maritime-industrial tenants. However, by the late 1980's both of these tenants had closed up shop, and the BNY began focusing on small industrial tenants.

Currently, the Site consists of 49 buildings, 9 open spaces, and 2 piers within the VCA parcel, and is currently leased to more than 400 small and midsized businesses. The Site is zoned M3-1 by the New York City Department of City Planning, indicating that it can be used for light and heavy manufacturing purposes. Site occupants are engaged in commercial and light manufacturing activities, such as clothing manufacturers, production and distribution of various goods, furniture refinishing, and printing.

The properties adjoining the Site, and in the neighborhood surrounding the Site, are zoned primarily for commercial and residential uses. The properties immediately south of the Site include primarily commercial and manufacturing properties such as self-storage, a door manufacturer, fruit and vegetable wholesaler, and various restaurants. The properties immediately east and west of the Site are primarily residential. The East River is immediately adjacent to the BNYIP on the northern parcel boundary.

BNYDC entered into a Voluntary Cleanup Agreement (VCA) on May 5, 1998 with NYSDEC to remediate the Site, which includes an approximately 150-acre portion of a parcel in Brooklyn, Kings County, New York. The Site and boundaries of the parcel subject to the SMP are presented on Figure 2. The boundaries of the Site are more fully described in the metes and bounds Site description that is part of the Environmental Easement which can be found in the SMP.

1.2 SUMMARY OF PREVIOUS INVESTIGATIONS AND REMEDIAL ACTIONS

Since 1987, BNYDC, through planning for the redevelopment of specific parcels of property, has acquired numerous environmental Site assessments characterizing the Site. These environmental assessments and investigations are documented in the SMP. A Phase II Investigation Report was completed by Environmental Resources Management (ERM) in May 2002. The ERM investigation included the collection of sediment samples, installation of soil borings and collection of subsurface soil samples at former drum storage areas, surficial soil and concrete wipe samples for PCB analysis at current and former electrical transformer stations, and groundwater well installation and groundwater sample collection.

Previous remediation events include the remediation of Substation C (Building 542) between December 1998 and February 1999, remediation of Substation 9 (Building 128) in 2010, and remedial actions for the first-floor transformer room of Building 3 in 2018.

Several PCB-impacted oils and the associated transformers have been removed from the Site between 2005 and 2013 from the following buildings: Building 3, Building 22, Building 200, Substation 1 (Building 4), Substation 25 (Building 131), Substation D (Building 280), Substation 18 (Building 562), Substation K and Building 292, Substation L (Building 390), and Substation Q (Building 668).

Remedial work was not completed at certain locations within the Site before the termination of the VCA on June 30, 2018. Accordingly, the Environmental Easement, dated June 26, 2018, and the original SMP, and the Assignable Release and Covenant Not to Sue letter issued by the NYSDEC on July 12, 2018 to the BNYDC excluded the following parcels:

1) Substation H, a.k.a. Drum Storage C;

2) Building 77, a.k.a. Substation 22; and

3) BNY Tower Associates LLC, a.k.a. Dock 72, a.k.a. Substation 4; and

4) All six dry docks currently located on Site were removed from the VCA parcel boundaries due to their potential to be considered “lands under water.” Piers D and G were excepted due to their current state of disrepair and plans to remove, while Pier C was excepted as a result of active construction.

On February 1, 2022, BNYDC entered an Administrative Order on Consent with the NYSDEC (Index No. R2-20190708-219), which requires that the EE and this SMP be revised to include those three parcels. The 2018 Environmental Easement was amended on February 25, 2022. The revised boundaries of the Site subject to this SMP are presented on Figure 2 and are more fully described in the updated metes and bounds Site description that is part of the amended Environmental Easement (EE), dated February 25, 2022, provided in Appendix H.

1. BNYDC implemented cleanup activities at Building 297/Substation H/Drum Storage C pursuant to the U.S. Environmental Protection Agency's (USEPA) self-implementing PCB cleanup regulations in August 2018, as described in Section 2.4.4 of the updated SMP.

2. BNYDC implemented cleanup activities at Building 77/Substation 22 pursuant to the USEPA's performance-based PCB cleanup regulations in September 2018, as described in Section 2.4.5 of the updated SMP.

3. Substation 4 was previously located on Dock 72 and reportedly contained one (1) non-PCB pole mounted transformer which was removed in May 2010. BNY Tower Associates undertook development activities at Dock 72 and adjacent property between March 2016 and October 2019. From March 2016, Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C (Langan) oversaw such construction activities on behalf of by BNY Tower Associates, as described in Section 2.8.4 of the updated SMP. Langan's Construction Completion Report is included in Appendix K of the updated SMP. The development project required excavation to install building foundation elements, subsurface utilities, and landscaped and parking areas of the site. Dock 72 included three work areas:

    I. Dock 72 is the western extension of the site and includes the newly constructed office building (this area, within the building footprint, was excluded from the Voluntary Cleanup Agreement (VCA) parcel in June 2018).

    II. The Triangle Lot is the central portion of the site east of Dock 72 and includes a newly paved parking lot. This area was included in the 2018 VCA parcel.

    III. The GMD Lot is the northern extension of the site where construction included a paved parking lot above a subsurface stormwater detention system. This area was included in the 2018 VCA parcel.

After completion of the remedial work some impacts were left at this site, which is hereafter referred to as "remaining contamination". Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. An Environmental Easement granted to NYSDEC, and recorded with the New York City Register's Office, Kings Borough, requires compliance with the SMP and all ECs and ICs placed on the Site. The SMP addresses the means for implementing the ICs and ECs.

The SMP was prepared to manage remaining contamination at the Site until the Environmental Easement is extinguished in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36. The SMP has been approved by NYSDEC, and compliance with the SMP is required by the grantor of the Environmental Easement and the grantor's successors and assigns. The SMP may only be revised with the approval of NYSDEC.

2.0 IC/EC PLAN COMPLIANCE REPORT

Institutional Controls and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure of remaining contamination to ensure protection of public health and the environment. An Environmental Easement granted to NYSDEC, and recorded with the New York City Register's Office, Kings Borough, requires compliance with the SMP prepared by CORE and all ECs and ICs placed on the Site.

2.1 ENGINEERING CONTROLS

Engineering controls (ECs) are operated to mitigate exposure risk related to residual impacts at the Site. Exposure to remaining contamination at the Site is prevented by a Site-wide cover, consisting of either structures such as buildings, pavement, and sidewalks, or soil, where the upper one foot of exposed surface soil meets the applicable SCOs for Commercial Use. Any fill material brought to the Site will meet the lower of the Commercial Use SCOs and the Protection of Groundwater SCOs as set forth in 6 NYCRR 375-6.7(d).

When Site redevelopment results in penetration of these areas, reconstruction will include a concrete or paving system at a minimum of 6 inches in thickness. Any vegetated areas not covered by buildings, roads, or parking lots (i.e. landscaped areas) will be covered by a 1-foot thick soil cover consisting of soil that meets NYSDEC SCOs for Commercial Use underlain by a demarcation layer to delineate the cover soil from the subsurface soil. The top 6 inches of soil must be of sufficient quality to support vegetation.

The Excavation Work Plan (EWP) provided in Appendix E of the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying residually impacted materials are disturbed. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and associated Community Air Monitoring Plan (CAMP), provided in Appendix F of the SMP. All soil and groundwater sampling data will be submitted through NYSDEC EQUIS as an Electronic Data Deliverable (EDD) as per the SMP requirements. The area of the Site subject to Engineering Controls is presented on Figure 3.

2.1.1 APPROVED FILL MATERIALS

The following materials have been previously approved by the NYSDEC to be used on site:

Table 1

Approved Fill Materials

Fill Material	Approved Source	Facility	Location
ASTM #57	NYS 10-12R, RFM	New York Sand & Stone	BNY Pier J

These materials will not require further approval by the NYSDEC and can be used as fill for all future cover system disturbances.

2.2 INSTITUTIONAL CONTROLS

The purpose of the Institutional Controls (ICs) is to implement, maintain, and monitor Engineering Control systems, prevent future exposure to remaining contamination, and limit the use and development of the Site to commercial or industrial uses only.

The Institutional Controls at the site include the following:

- The remedial party or Site owner must complete an annual periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3) and submit to the New York State Department of Environmental Conservation (NYSDEC);
- The property may be used for commercial use, which also permits industrial uses;
- All ECs must be maintained as specified in this SMP;
- All ECs must be inspected at a frequency and in a manner defined in this SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by NYSDEC, the New York State Department of Health (NYSDOH), or the New York City Department of Health;
- Data and information pertinent to Site management must be reported annually, and in a manner as defined in this SMP;
- Prior to any non-emergency breach of the cover system, building construction, or any other activity that may increase the potential for people to come into contact with the remaining contamination at the Site, NYSDEC will be contacted, and the details of the situation relayed through a “Change of Use” notification;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;

- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- Vegetable gardens and farming, other than rooftop farming, on the Site are prohibited; and
- The future decommissioning of 16 transformer substations.

2.3 COVER SYSTEM

The Site-wide cover system consisting of buildings, pavement, sidewalks, millings, or exposed soil where the upper one foot meets Commercial Use SCOs is a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in accordance with this SMP in perpetuity. The cover system functioned as required during the reporting period. The cover system was disturbed thirteen (13) times during the monitoring period. All the disturbances were minor.

2.3.1 MAJOR SITE-WIDE COVER DISTURBANCES

During the monitoring period there were no major site-wide cover disturbances.

2.3.2 MINOR SITE-WIDE COVER DISTURBANCES

During the monitoring period eleven (12) Minor Site-Wide Cover disturbances took place. Minor Site-Wide Cover Disturbances require a 15-day Notification to be sent to the NYSDEC Project Manager prior to project kick-off. These Change of Use disturbances can be found in Appendix F.

2.3.2.1 BUILDING 12 – NATIONAL GRID SHUT-OFF VALVE REPLACEMENT

A 15-day Minor Disturbance Notification was submitted on November 20, 2022 for a minor disturbance of the cover adjacent to Building 12 at the corner of Chauncey Avenue and 2nd Street. National Grid performed an excavation measuring approximately 4' x 4' x 3' in volume to locate and raise to grade a gas shutoff valve for Building 12. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. All excavated soil was returned to the excavation. The cover system was restored after completion of the borings per SMP requirements. All work was completed by December 7, 2021. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Building 12 – National Grid Shut-Off Valve Replacement

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
December 7, 2021	0.030 ug/m^3	0.010 ug/m^3	N/A

2.3.2.2 TOW POUND BACKFLOW PREVENTER

A 15-day Minor Disturbance Notification was submitted on June 13, 2019 for a minor disturbance of the cover at three locations: between Navy Street and First Avenue near Gate #5 (Pit A), near the corner of Washington Street and Flushing Avenue behind Building #424 (Pit N), and west of Kent Avenue between the Steiner Building and the Brinks Building (Pit I). Bancker Construction Corp. performed an excavation identified as Pit A. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. All excavated soil is being stored onsite. The cover system was restored after completion of the excavation per SMP requirements. Current work on Pit A has been delayed as of May 17, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Tow Pound Backflow Preventer

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
April 11, 2022	1350 ug/m^3	32.5 ug/m^3	N/A
April 12, 2022	23.6 ug/m^3	18.2 ug/m^3	N/A
April 13, 2022	23.5 ug/m^3	18.4 ug/m^3	N/A
April 14, 2022	25.3 ug/m^3	29.9 ug/m^3	N/A
April 15, 2022	11.4 ug/m^3	9.57 ug/m^3	N/A
April 18, 2022	19.4 ug/m^3	5.36 ug/m^3	N/A
April 19, 2022	9.38 ug/m^3	8.94 ug/m^3	N/A
April 20, 2022	11.3 ug/m^3	13.2 ug/m^3	N/A
April 21, 2022	14.3 ug/m^3	47.4 ug/m^3	N/A
April 22, 2022	26.3 ug/m^3	17.2 ug/m^3	N/A
April 25, 2022	11.0 ug/m^3	20.4 ug/m^3	N/A
April 26, 2022	33.7 ug/m^3	30.0 ug/m^3	N/A
April 27, 2022	8.08 ug/m^3	8.96 ug/m^3	N/A
May 17, 2022	6.33 ug/m^3	9.71 ug/m^3	N/A

2.3.2.3 PIER D – GEOTECHNICAL AND ENVIRONMENTAL BORING

A 15-day Minor Disturbance Notification was submitted on February 2, 2022 for a minor disturbance of the cover near Building 269 at Pier D. McLaren Engineering Group performed 3 geotechnical and environmental borings that were 100 feet deep or when rock is reached to investigate subsurface conditions. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE

ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. All excavated soil was returned to the excavation. The cover system was restored after completion of the borings per SMP requirements. All work was completed by March 16, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Pier D – Geotechnical and Environmental Boring

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
March 11, 2022	40 ug/m^3	24 ug/m^3	N/A
March 14, 2022	26 ug/m^3	27 ug/m^3	N/A
March 15, 2022	45 ug/m^3	37 ug/m^3	N/A
March 16, 2022	38 ug/m^3	27 ug/m^3	N/A

2.3.2.4 WELDING LAB – GEOTECHNICAL BORING

A 15-day Minor Disturbance Notification was submitted on February 8, 2022 for a minor disturbance of the cover near Building 292 at the planned Welding Lab. Jacobs Engineering Group performed 2 geotechnical borings within the perimeter of the planned Welding Lab: the first reached a depth of 130 ft beneath existing grade while the second reached 60 ft of depth. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. All excavated soil was returned to the excavation. The cover system was restored after completion of the borings per SMP requirements. All work was completed by April 6, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Welding Lab – Geotechnical Boring

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
March 30, 2022	8 ug/m^3	14 ug/m^3	0 ppm
March 31, 2022	39 ug/m^3	60 ug/m^3	1.9 ppm
April 1, 2022	21 ug/m^3	7 ug/m^3	0 ppm
April 4, 2022	22 ug/m^3	6 ug/m^3	0 ppm
April 5, 2022	26 ug/m^3	8 ug/m^3	0.1 ppm
April 6, 2022	19 ug/m^3	7 ug/m^3	13 ppm

2.3.2.5 BERTHS 9, 10, 11, AND SMALL BOAT BASIN BORING

A 15-day Minor Disturbance Notification was submitted on March 3, 2022 for a minor disturbance of the cover at the Small Boat Basin and Berths 9, 10, & 11. Jacobs Engineering Group performed 11 SPT borings at Berth 9 and 14 SPT borings at Berths 10, 11, and Small Boat Basin. Soil samples were collected for the determination of geotechnical parameters as required for the reconstruction of Berths 9, 10, & 11. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. All excavated soil was returned to the excavation. The cover system was restored after completion of the borings per SMP requirements. All work was completed by August 1, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results if the PM-10 and VOC air monitoring:

Berths 9, 10, 11, and Small Boat Basin Boring

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
May 11, 2022	13 ug/m^3	22 ug/m^3	0 ppm
May 12, 2022	18 ug/m^3	38 ug/m^3	N/A
May 13, 2022	20 ug/m^3	27 ug/m^3	N/A
May 16, 2022	34 ug/m^3	60 ug/m^3	N/A
May 17, 2022	18 ug/m^3	12 ug/m^3	N/A
May 18, 2022	10 ug/m^3	32 ug/m^3	N/A
May 20, 2022	41 ug/m^3	59 ug/m^3	N/A
May 23, 2022 (East)	8 ug/m^3	23 ug/m^3	N/A
May 23, 2022 (West)	4 ug/m^3	10 ug/m^3	N/A
May 24, 2022 (East)	7 ug/m^3	12 ug/m^3	N/A
May 24, 2022 (West)	13 ug/m^3	24 ug/m^3	N/A
May 25, 2022	15 ug/m^3	26 ug/m^3	N/A
May 26, 2022	15 ug/m^3	21 ug/m^3	N/A
May 27, 2022	31 ug/m^3	30 ug/m^3	N/A
June 1, 2022	23 ug/m^3	37 ug/m^3	N/A
June 2, 2022	71 ug/m^3	33 ug/m^3	N/A
June 3, 2022	45 ug/m^3	41 ug/m^3	N/A
June 6, 2022	25 ug/m^3	16 ug/m^3	N/A
June 7, 2022	19 ug/m^3	21 ug/m^3	N/A
June 8, 2022	73 ug/m^3	208 ug/m^3	N/A
June 10, 2022	39 ug/m^3	222 ug/m^3	N/A
June 13, 2022	44 ug/m^3	41 ug/m^3	N/A

June 14, 2022	23 ug/m^3	26 ug/m^3	N/A
June 15, 2022	10 ug/m^3	32 ug/m^3	N/A
June 16, 2022	31 ug/m^3	37 ug/m^3	N/A
June 17, 2022	43 ug/m^3	41 ug/m^3	N/A
June 20, 2022	18 ug/m^3	13 ug/m^3	N/A
June 21, 2022	52 ug/m^3	53 ug/m^3	N/A
June 22, 2022	37 ug/m^3	23 ug/m^3	N/A
June 23, 2022	23 ug/m^3	9 ug/m^3	N/A
June 24, 2022	26 ug/m^3	26 ug/m^3	N/A
June 27, 2022	21 ug/m^3	18 ug/m^3	N/A
June 30, 2022	25 ug/m^3	16 ug/m^3	N/A
July 12, 2022	29 ug/m^3	23 ug/m^3	N/A
July 13, 2022	13 ug/m^3	54 ug/m^3	N/A
July 14, 2022	23 ug/m^3	42 ug/m^3	6 ppm
July 15, 2022	21 ug/m^3	26 ug/m^3	3.5 ppm
July 18, 2022	32 ug/m^3	45 ug/m^3	N/A
July 19, 2022	28 ug/m^3	38 ug/m^3	N/A
July 20, 2022	39 ug/m^3	48 ug/m^3	N/A
July 21, 2022	53 ug/m^3	49 ug/m^3	N/A
July 22, 2022	25 ug/m^3	30 ug/m^3	7.3 ppm
July 25, 2022	66 ug/m^3	54 ug/m^3	0.2 ppm
July 26, 2022	16 ug/m^3	15 ug/m^3	N/A
July 27, 2022	29 ug/m^3	15 ug/m^3	N/A
July 28, 2022	36 ug/m^3	39 ug/m^3	N/A
July 29, 2022	10 ug/m^3	32 ug/m^3	N/A
August 1, 2022	22 ug/m^3	24 ug/m^3	N/A

2.3.2.6 NASSAU GAS WORKS

A 15-day Minor Disturbance Notification was filed for soil borings and recovery well installations in three locations: the former location of the Wallabout Oil Works owned by Con Edison in Block 2023, one adjacent to Building #624, as well as one adjacent to Building #293. GEI Consultants conducted a pre-design investigation at these three locations, performing 13 borings and installing seven recovery wells. Eight borings were performed in Block 2023, four borings were performed adjacent to Building #293, and one boring was performed adjacent to Building #624. Recovery wells were installed based on visual observations made during the soil boring phase. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan.

Community Air Monitoring was conducted by GEI personnel. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring. All work was completed by April 25, 2022. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Nassau Gas Works

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
April 6, 2022	11 ug/m^3	10 ug/m^3	0.3 ppm
April 7, 2022	25 ug/m^3	18 ug/m^3	0.1 ppm
April 13, 2022	30 ug/m^3	34 ug/m^3	0.1 ppm
April 19, 2022 (Site 1)	9 ug/m^3	5 ug/m^3	7,678 ppm
April 19, 2022 (Site 2)	5 ug/m^3	2 ug/m^3	0.6 ppm
April 20, 2022	2 ug/m^3	6 ug/m^3	0.1 ppm
April 22, 2022	41 ug/m^3	46 ug/m^3	0.1 ppm
April 25, 2022	4 ug/m^3	10 ug/m^3	0 ppm

2.3.2.7 Building 127 Trench

A 15-day Minor Disturbance notification was submitted on May 4, 2022 for a minor disturbance of the cover system near Building 127. The scope of work included the excavation of a three foot wide and 100 foot long trench, the demolition of the street cover across Morris Avenue, the concrete sidewalk along Morris Avenue, and the installation of a new manhole along the northeast exterior of Building 127. The maximum depth of the trench was six feet below existing grade. Approximately 73 cubic yards of soil was excavated during work completion. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. The cover was restored after intrusive work was completed per SMP requirements. All work was completed by July 28, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Building 127 Trench

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
June 7, 2022	8 ug/m^3	24 ug/m^3	N/A
June 8, 2022	17 ug/m^3	30 ug/m^3	N/A
June 10, 2022	26 ug/m^3	11 ug/m^3	N/A

July 6, 2022	25 ug/m^3	17 ug/m^3	N/A
July 8, 2022	21 ug/m^3	23 ug/m^3	N/A
July 18, 2022	52 ug/m^3	36 ug/m^3	N/A
July 19, 2022	58 ug/m^3	34 ug/m^3	N/A
July 20, 2022	60 ug/m^3	41 ug/m^3	N/A
July 21, 2022	43 ug/m^3	40 ug/m^3	N/A
July 27, 2022	25 ug/m^3	16 ug/m^3	N/A
July 28, 2022	33 ug/m^3	29 ug/m^3	N/A

2.3.2.8 BUILDING 5 – PARKING LOT RECONSTRUCTION

A 15-day Minor Disturbance Notification was submitted on May 17, 2022 for a minor disturbance of the cover system of the Building 5 parking lot. Community Air Monitoring was conducted by CORE personnel. The scope of work included the saw-cutting and excavation of 9" of pavement, the excavation of 3" of existing soil, installation of a steel faced curb, backfilling of curb with excavated soil, installation of concrete sidewalk and bike rack, milling of pavement, and finally the installation of a new concrete road base and asphalt top course. Additionally, the reinstallation of several road signs as well as a roadside mirror was completed as these were displaced during work. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. All excavated soil was returned to the excavation. The cover system was restored after completion of the excavation per SMP requirements. All work was completed by September 16th, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Building 5 – Parking Lot Reconstruction

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
August 8, 2022	18 ug/m^3	N/A	N/A
August 12, 2022	10 ug/m^3	11 ug/m^3	N/A
August 15, 2022	12 ug/m^3	12 ug/m^3	0 ppm
August 16, 2022	14 ug/m^3	27 ug/m^3	N/A
August 25, 2022	29 ug/m^3	26 ug/m^3	N/A
August 26, 2022	37 ug/m^3	46 ug/m^3	N/A
August 29, 2022	21 ug/m^3	23 ug/m^3	N/A

August 30, 2022	8 ug/m^3	12 ug/m^3	N/A
August 31, 2022	20 ug/m^3	14 ug/m^3	N/A
September 1, 2022	11 ug/m^3	23 ug/m^3	N/A
September 2, 2022	6 ug/m^3	9 ug/m^3	N/A
September 7, 2022	15 ug/m^3	8 ug/m^3	N/A
September 8, 2022	18 ug/m^3	10 ug/m^3	N/A
September 9, 2022	15 ug/m^3	10 ug/m^3	N/A
September 12, 2022	23 ug/m^3	23 ug/m^3	N/A
September 14, 2022	34 ug/m^3	14 ug/m^3	N/A
September 15, 2022	26 ug/m^3	11 ug/m^3	N/A

2.3.2.9 BUILDING 3 MANHOLE REPAIRS

A 15-day Minor Disturbance Notification was submitted on May 10, 2022 for a minor disturbance of the cover system near Building 3. Raytone Plumbin Spec., Inc., was contracted to excavate a steam line and steam manhole located at the corner of 7th Avenue and South Street. The scope of the work included the excavation of 40 LF and four feet deep. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. The cover was restored after intrusive work was completed per SMP requirements. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Building 3 Manhole Repairs

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
June 6, 2022	11 ug/m^3	22 ug/m^3	N/A

2.3.2.10 BUILDING 77 ELECTRICAL DUCT BANK REPAIR

A 15-day Minor Disturbance Notification was submitted on May 11, 2022 for a minor disturbance of the cover system near Building 77. The scope of work included the excavation of 30 LF at a total depth of 3-feet to complete repairs on an obstruction in an Electric Duct Bank. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was

suitable to be returned to the excavation outlined in the SMP. The cover was restored after intrusive work was completed per SMP requirements. All work was completed on August 30, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Building 77 Electrical Duct Bank Repair

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
August 30, 2022	20 ug/m^3	16 ug/m^3	N/A

2.3.2.11 SECURITY BOOTH GEOTECH

A 15-day Minor Disturbance Notification was submitted on June 22, 2022 for a minor disturbance of the cover system at two security booths and lift gates located adjacent to Flushing Avenue. Graig Geotechnical Drilling was contracted to excavate two geotechnical borings and one Test Pit at the Clinton Ave Security Gate, as well as one geotechnical boring and one Test Pit at the Cumberland St Security Gate. The borings were advanced 40 ft below grade via mud rotary drilling with a self-contained recirculating system. All excavated soil was returned to the excavation. The cover system was restored after completion of the steam line repairs. All work was performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring was conducted by CORE personnel. CORE ensured excavated soil was suitable to be returned to the excavation outlined in the SMP. The cover was restored after intrusive work was completed per SMP requirements. All work was completed on August 26 and 29, 2022. The NYSDEC notification is found in Appendix D, and the Daily Status Report in Appendix E, and CAMP data in Appendix F. Below is a summary table of the results of the PM-10 and VOC air monitoring:

Security Booth Geotech

Date	Downwind PM-10 8hr TWA	Upwind PM-10 8hr TWA	VOC 8hr TWA
August 26, 2022	55 ug/m^3	45 ug/m^3	N/A
August 29, 2022	26 ug/m^3	19 ug/m^3	N/A

2.4 NON-COMPLIANCE AREAS

There were no non-compliance areas during this reporting period.

2.5 EXCEPTION AREAS

BNYDC was issued a Draft Administrative Order on Consent with the NYSDEC (Index No. R2-20190708-219) in November 2021, which requires that the Environmental Easement and the SMP be revised to include those previously-excluded parcels. The Environmental Easement and the SMP has been revised to include coverage of the Building 297, Building 77, and Dock 72 areas.

The revised SMP is included in Appendix G and the updated Environmental Easement is included in Appendix H.

2.6 IC/EC Effectiveness

All engineering controls (ECs) for the Site are determined to be in good, functioning condition. The cover system is in good condition with no major cracks or holes. All completed minor or major cover disturbances have been reconstructed to meet the cover requirements.

2.7 IC/EC Certification

The completed IC/EC Certification Form can be found in Appendix C.

3.0 MONITORING PLAN COMPLIANCE REPORT

The Monitoring Plan describes the methods to be used for evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

To adequately address these issues, this Monitoring Plan requires a Site-wide Inspection to be conducted annually and a Periodic Review Report annually. See Table 6 for more details:

Table 3

Schedule of Interim Monitoring/Inspection Reports

Task/Report	Reporting Frequency*
Site-wide Inspection	Annually
Periodic Review Report	Annually
Site Media (soil, groundwater, soil vapor, etc.)	To be determined if required in the future.

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC.

3.1 Annual Site-wide Inspection

On November 10, 2022, an Annual Site inspection to monitor the conditions of all ECs at the Site was performed. The Annual Site Inspection can be found in Appendix A and the Photo Log can be found in Appendix B. The cover system was found to be without any major cracks or holes.

Currently, there are no changes to the Monitoring Plan.

4.0 CONCLUSIONS AND RECOMMENDATIONS

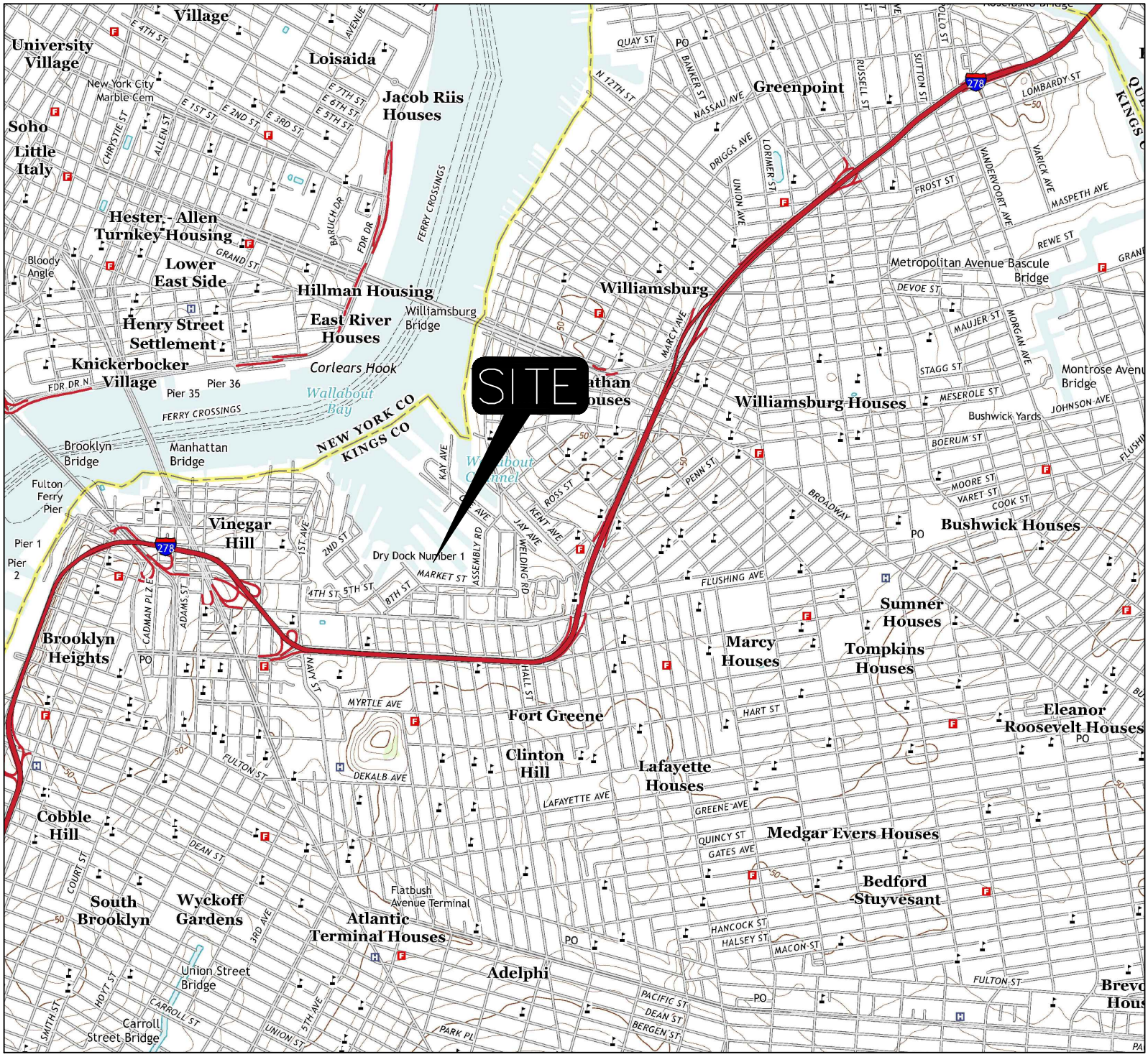
All ECs for the Site were determined to be in good, functioning condition during the Annual Inspection performed on November 10, 2022. The cover system is in good condition with no major cracks or holes. The cover system is working as designed. All disturbances to the cover system were undertaken in accordance to the SMP. All ICs and ECs at the Site are in compliance with the SMP.

CORE recommends continued Community Air Monitoring and soil screening by a Qualified Environmental Professional for all site-wide cover disturbances as well as annual site-wide inspections.

This PRR was prepared in compliance with the NYSDEC-approved SMP. The next PRR will be submitted by December 29, 2023.

FIGURES

CORE ENVIRONMENTAL CONSULTANTS



Source: USGS Topographic map Brooklyn 2013
USGS Topographic map Central Park 2013

QUADRANGLE LOCATION

JOB TITLE AND LOCATION:
BROOKLYN NAVY YARD
63 FLUSHING AVE,
BROOKLYN, NEW YORK

WARNING
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CORE ENVIRONMENTAL CONSULTANTS
28-48 119TH STREET
COLLEGE POINT, N.Y. 11356
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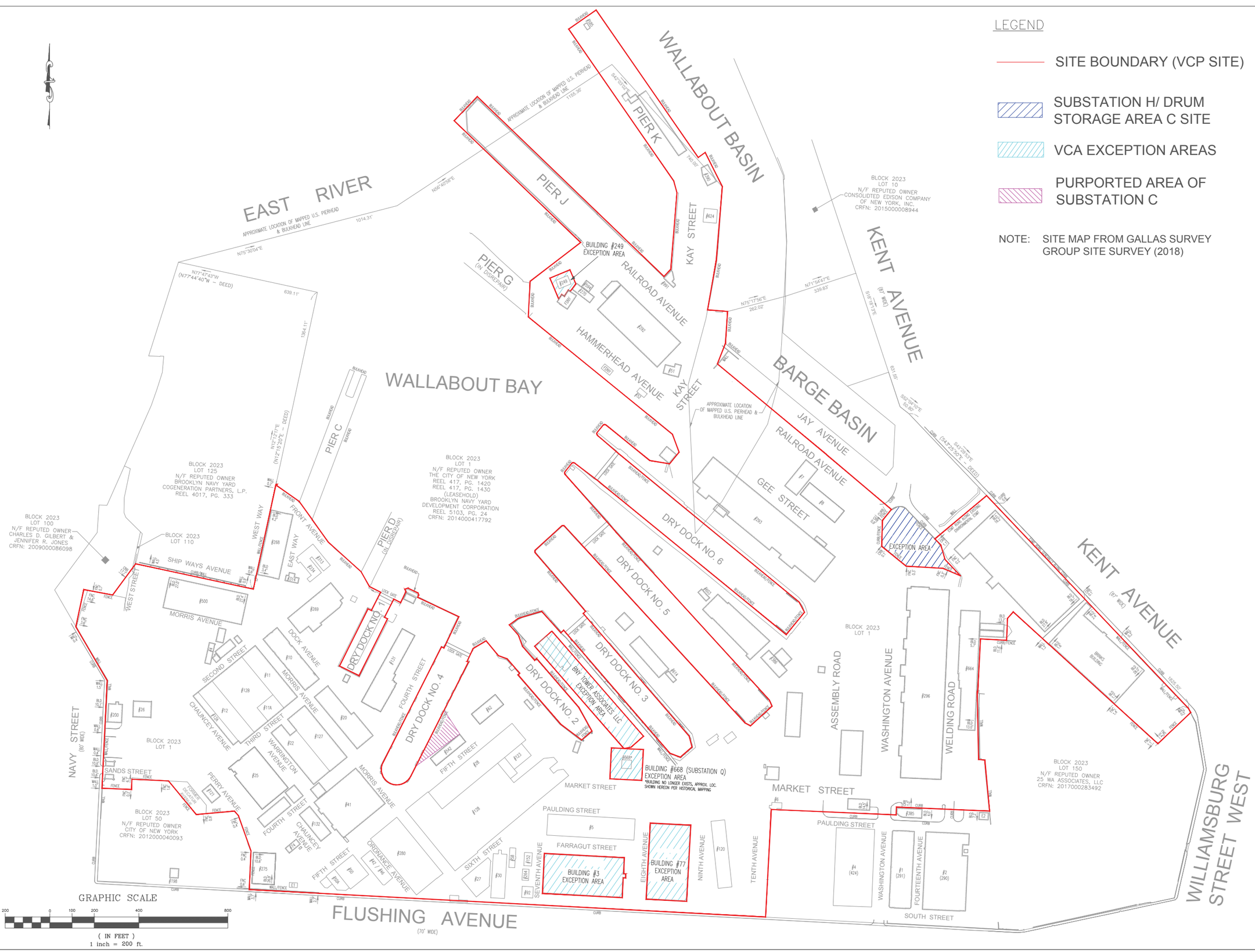
F: 718-786-4764
2312 WEHRLE DRIVE
BUFFALO, N.Y. 14221
T: 716-204-8054
F: 716-204-8557
www.COREenv.com

DRAWING TITLE:
SITE LOCATION MAP

DATE:		JOB NO.:	FIGURE NO.:
1/10/2018			1
DESIGNED BY: SH	CHECKED BY: AC	SCALE: 2 : 1	
DRAWN BY: SH	PROJ ENG.: AC	SHEET OF	



LEGEND

- SITE BOUNDARY (VCP SITE)
- SUBSTATION H/ DRUM STORAGE AREA C SITE
- VCA EXCEPTION AREAS
- PURPORTED AREA OF SUBSTATION C

NOTE: SITE MAP FROM GALLAS SURVEY GROUP SITE SURVEY (2018)

J:\BROOKLYN NAVY YARD\PLANNING & DEVELOPMENT TASKS\TASK 002 - SITE WIDE SMP - VCA PARCELS\CAD\SMP_BNY_2.DWG

CLIENT NAME

BROOKLYN NAVY YARD DEVELOPMENT CORPORATION
63 FLUSHING AVENUE
BROOKLYN, NY, 11205

SEAL & SIGNATURE

NO.	REVISIONS	DATE

CORE ENVIRONMENTAL CONSULTANTS
22-48 119TH STREET
COLLEGE POINT, N.Y. 11356
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F: 718-786-4764
2312 WEHRLE DRIVE
BUFFALO, N.Y. 14221
T: 716-204-8054
F: 716-204-8557
www.COREenv.com

PROJECT TITLE:

BROOKLYN NAVY YARD
63 Flushing Avenue
Brooklyn, NY

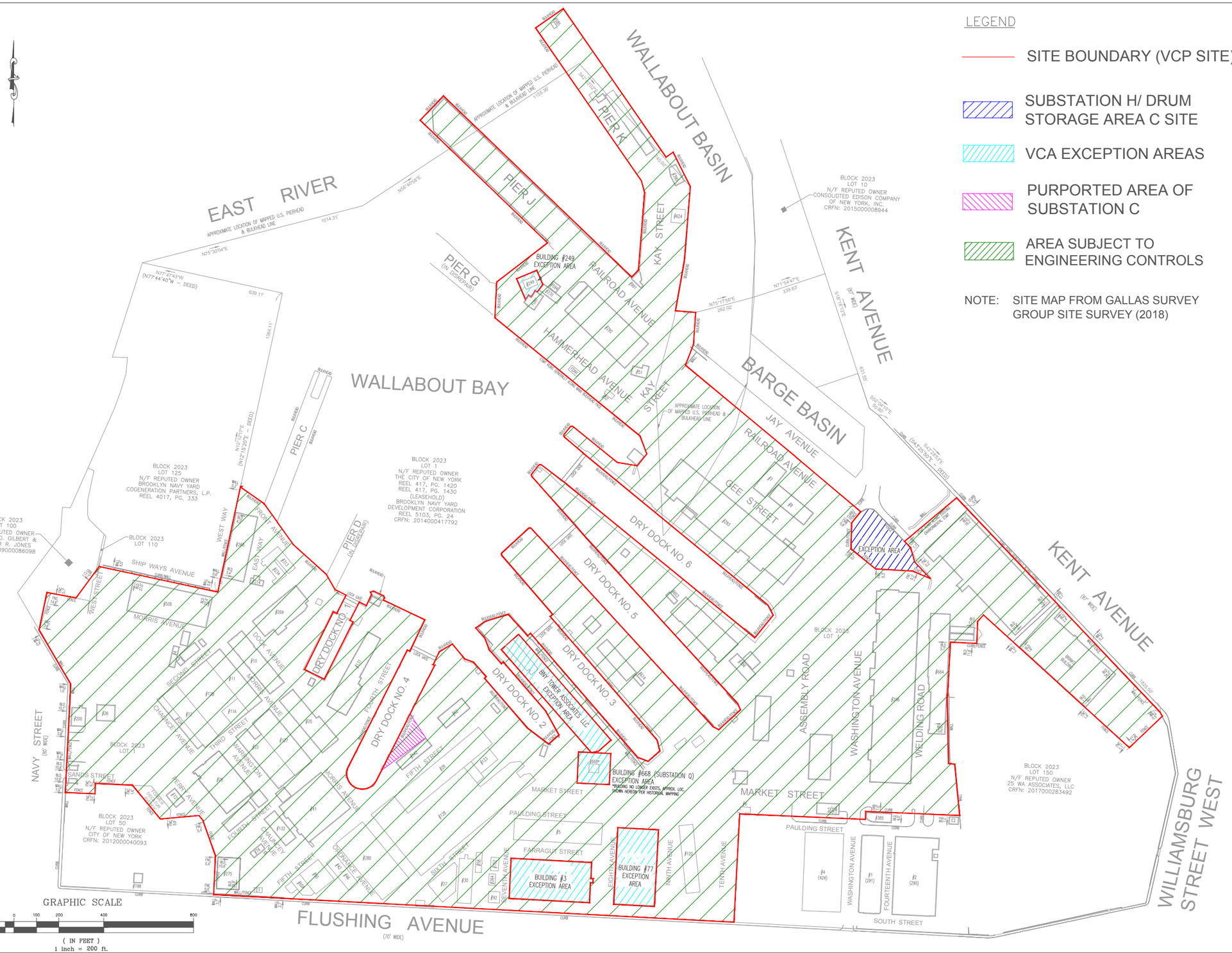
DESCRIPTION:

SITE MANAGEMENT PLAN

DRAWING TITLE:

SITE MAP

SEAL & SIGNATURE		
	DATE:	3/21/2018
	PROJECT No.:	–
	DRAWN BY:	SH
	DESIGNED BY:	SH
	CHECKED BY:	AC
	APPROVED BY:	AC
	FIGURE No.:	2
SCALE: 1=200	SHEET No.:	OF:
	REVISED BY:	–



LEGEND

- SITE BOUNDARY (VCP SITE)
- SUBSTATION H/ DRUM STORAGE AREA C SITE
- VCA EXCEPTION AREAS
- PURPORTED AREA OF SUBSTATION C
- AREA SUBJECT TO ENGINEERING CONTROLS

NOTE: SITE MAP FROM GALLAS SURVEY GROUP SITE SURVEY (2018)

J:\BROOKLYN NAVY YARD\PLANNING & DEVELOPMENT TASKS\TASK 002 - SITE WIDE SMP - VCA PARCEL\CAD\SMP_BNY_2.DWG

CLIENT NAME

BROOKLYN NAVY YARD

BROOKLYN NAVY YARD DEVELOPMENT CORPORATION
63 FLUSHING AVENUE
BROOKLYN, NY, 11205

SEAL & SIGNATURE

NO.	REVISIONS	DATE

CORE ENVIRONMENTAL CONSULTANTS

22-48 119TH STREET
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F: 716-204-8557

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PROJECT TITLE:

BROOKLYN NAVY YARD
63 Flushing Avenue
Brooklyn, NY

DESCRIPTION:

SITE MANAGEMENT PLAN

DRAWING TITLE:

LOCATION OF SITE ENGINEERING CONTROLS

SEAL & SIGNATURE		
	DATE:	3/21/2018
	PROJECT No.:	-
	DRAWN BY:	SH
	DESIGNED BY:	SH
	CHECKED BY:	AC
	APPROVED BY:	AC
	FIGURE No.:	4
SCALE: 1=200	SHEET No.:	OF:
	REVISED BY:	-

APPENDICES

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX A

Annual Site Inspection Form

CORE ENVIRONMENTAL CONSULTANTS

CORE ENVIRONMENTAL CONSULTANTS

Annual Site Inspection

Site Name:	Brooklyn Navy Yard	**Site Code:**	V00120		
Address:	63 Flushing Avenue	**City:**	Brooklyn		
State:	New York	**Zip Code:**	11205	**County:**	Kings

Inspection Item	Yes	No	Comments	
General Site Inspection				
Change of Ownership or use or transfer of COC?		X	Site use permitted: commercial, industrial	
New construction affecting building footprints?		X		
Any activity likely to disrupt or expose contamination/increase exposure risk?		X		
Any activity that will interfere with implementation of engineering or institutional controls?		X		
Site Cover				
Presence of holes, cracks, or other deficiences?		X		
Repairs to the cover?	X			

Inspector's Name:	Jake Frishberg	**Inspector's Title:**	Junior Geologist
Inspector's Signature:		**Inspector's Affiliation:**	CORE Environmental Consultants, Inc.
Date/Time of Inspection:	11/10/22 10:00	**Phone No.:**	*(718) 786-4730*

APPENDIX B

Annual Site Inspection Photograph Log

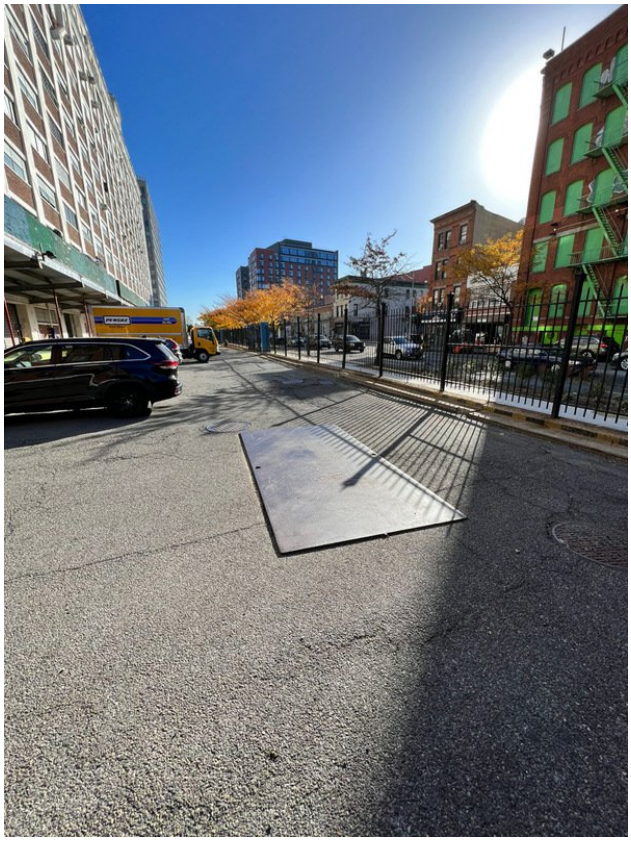
CORE ENVIRONMENTAL CONSULTANTS

2022-11-10

Created	2022-11-10 14:20:40 UTC by Jake Frishberg
Updated	2022-11-11 15:38:48 UTC by Jake Frishberg
Location	40.698088109531156, -73.97329260602032
Date	2022-11-10

Building 3 MH Repairs, Excavation covered by a metal plate, 09:20

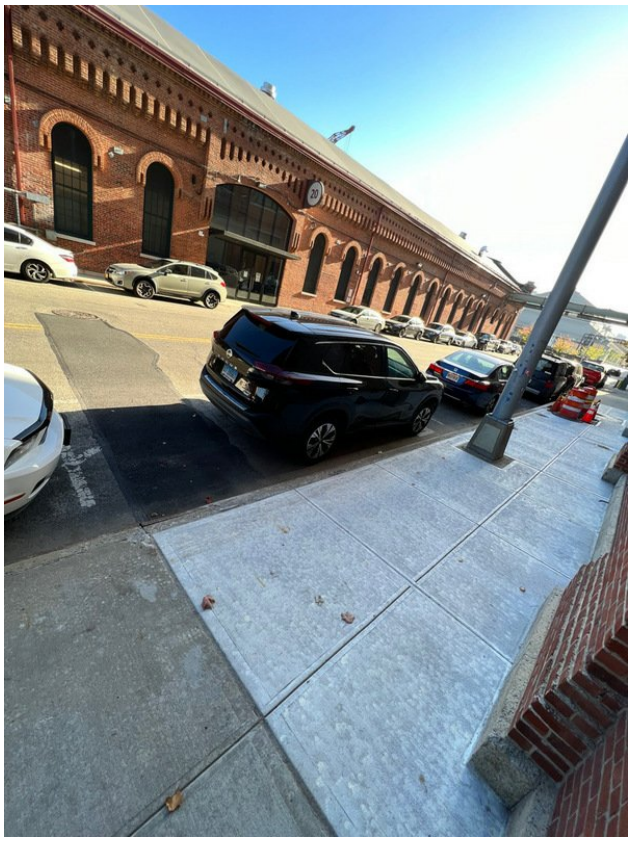
Photo



Description	Building 3 MH Repairs
caption	Excavation covered by a metal plate
Time	09:20

Building 127 Trench, Cap restored, 09:27

Photo



Description	Building 127 Trench
caption	Cap restored
Time	09:27

Backflow Preventer Replacement, Pit still open, but shoring & gravel in place to prevent disturbances, 09:39

Photo

Description	Backflow Preventer Replacement
caption	Pit still open, but shoring & gravel in place to prevent disturbances
Time	09:39

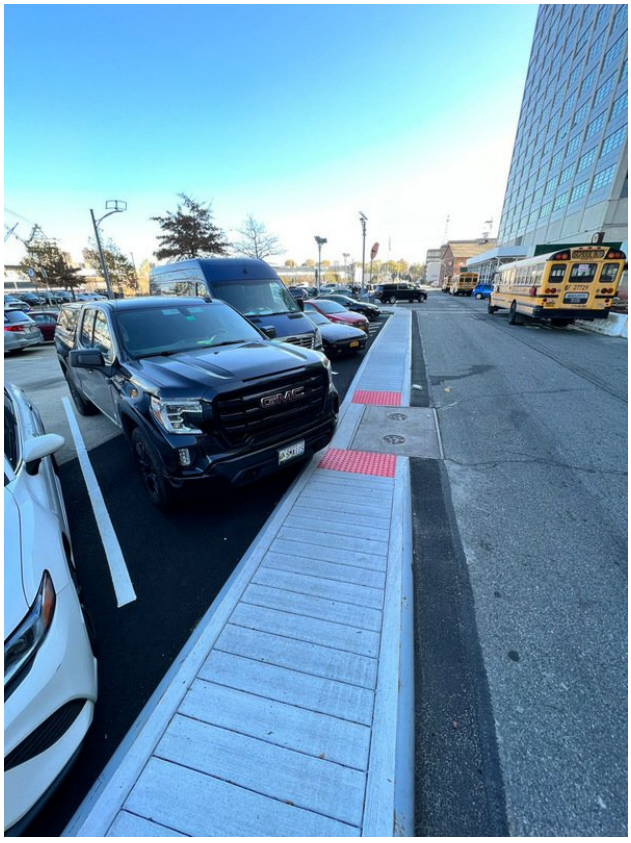
Security Booth Geotech, Cap restored, 09:56

Photo

Description	Security Booth Geotech
caption	Cap restored
Time	09:56

Building 5, Cap restored, 10:01

Photo



Description	Building 5
caption	Cap restored
Time	10:01

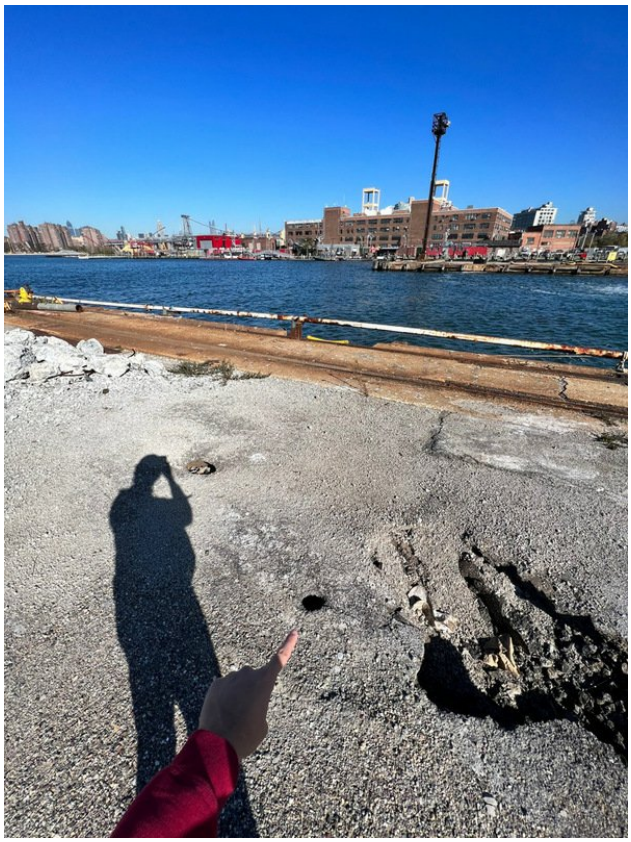
Building 77 Electrical Duct, Cap restored, 10:01

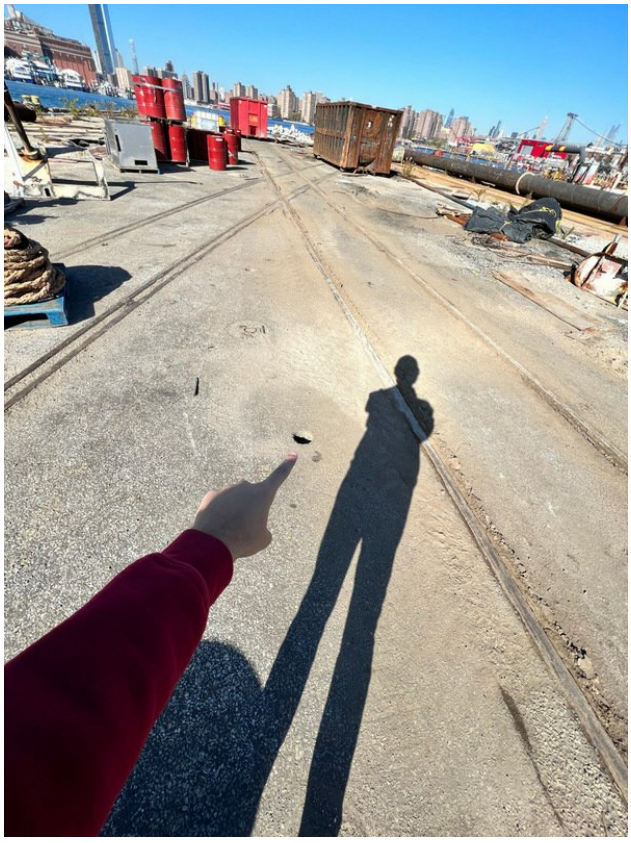
Photo

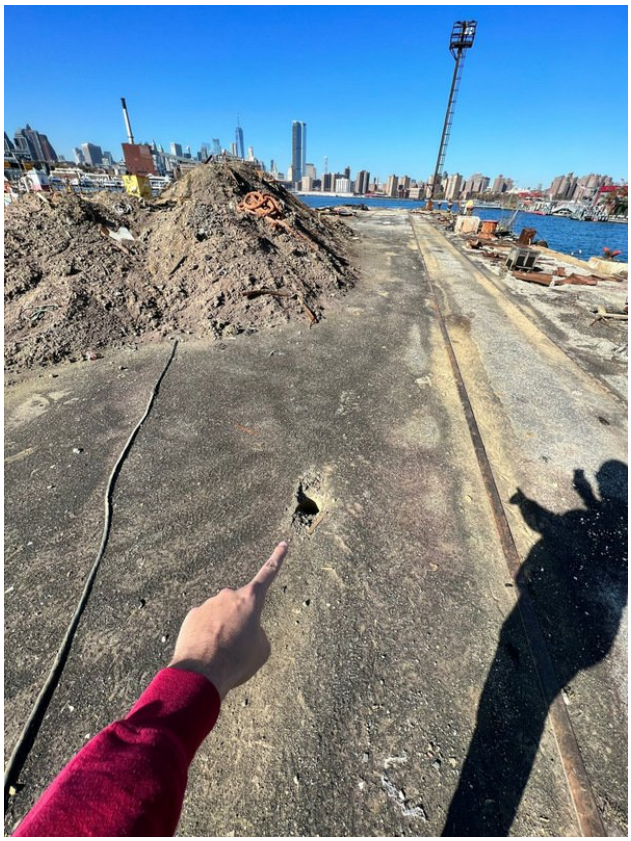
Description	Building 77 Electrical Duct
caption	Cap restored
Time	10:01

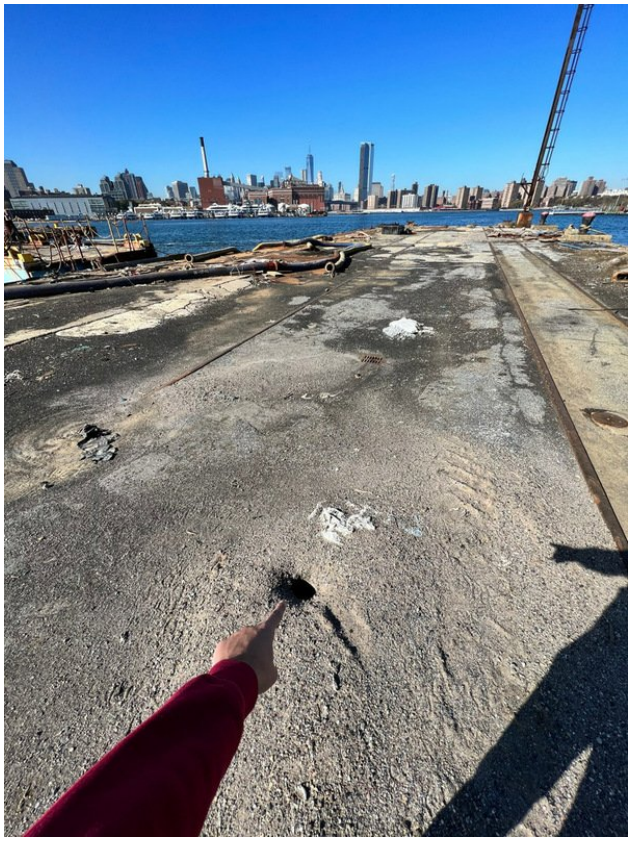
Berth 9-11 Small Boat Basin, Cap mostly restored but a few holes left open/gaping, some with views to the (very high) water table, 10:58

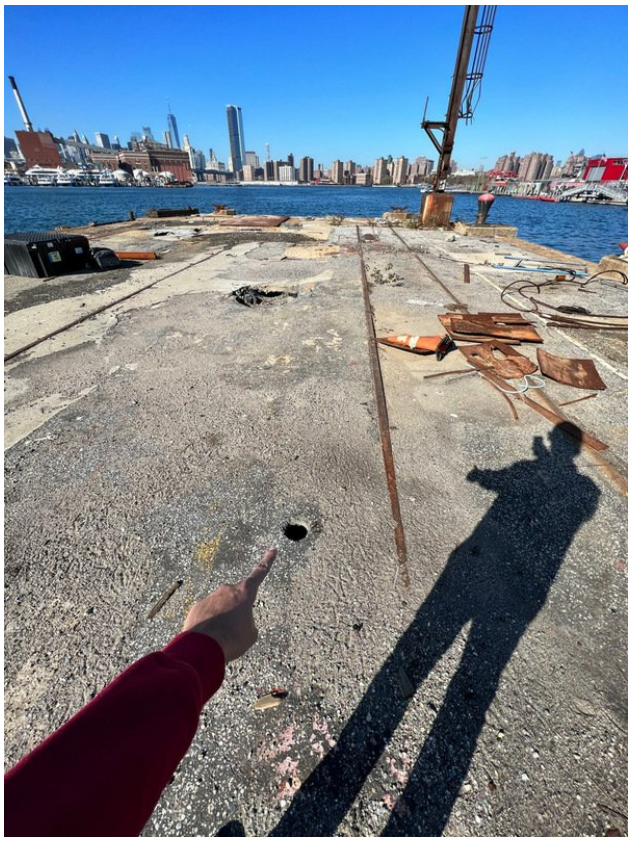
Photo

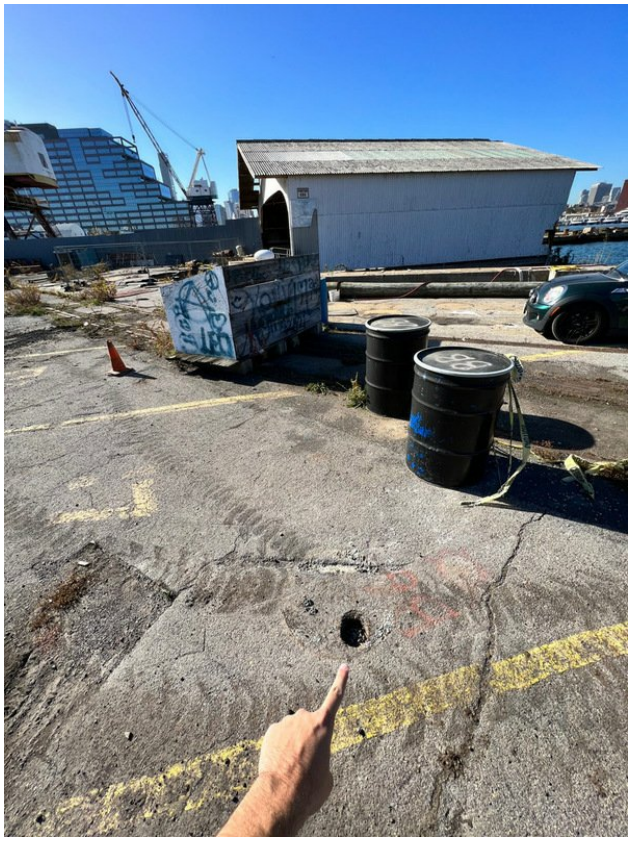












Description	Berth 9-11 Small Boat Basin
caption	Cap mostly restored but a few holes left open/gaping, some with views to the (very high) water table

Time	10:58

Welding Lab, Cap restored, 11:07

Photo

Description	Welding Lab
caption	Cap restored
Time	11:07

Pier D, Top mostly restored, found one boring that was uncovered, 11:28

Photo

Description	Pier D
caption	Top mostly restored, found one boring that was uncovered
Time	11:28

Nassau Gas Works, Cap restored, 11:49

Photo


B101
B104

Description	Nassau Gas Works
caption	Cap restored
Time	11:49

APPENDIX C

Site IC/EC Certification Forms

CORE ENVIRONMENTAL CONSULTANTS

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

Site Details **Box 1**

Site No. V00120

Site Name **Brooklyn Navy Yard Industrial Park**

Site Address: Flushing Avenue & Cumberland Street
Zip Code: 11205
City/Town: Brooklyn
County: Kings
Site Acreage: 146.790

Reporting Period: November 14, 2021 to December 30, 2022

	YES	NO
1. Is the information above correct?	☑	☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development?	☑	☐

Site No. V00120 **Box 2**

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

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

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

Elizabeth Tramposch

Signature of Owner, Remedial Party or Designated Representative

12/7/2022

Date

Site No. V00120 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
	City of New York	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan

The entire site is to be subject to an environmental easement and an SMP. The SMP minimally requires that the property owner certify annually that: the property is being used solely for commercial or industrial uses (or other specified use, as may be detailed in the easement); that the site cover has been maintained in accordance with the SMP; that any transformer substations that have been taken out of service are in the process of being remedied, or have been remedied, as dictated by the environmental easement.

Site No. V00120 **Box 4**

Description of Engineering Controls

Parcel	Engineering Control
	Cover System

The entire site is to be subject to an environmental easement and an SMP. The SMP minimally requires that the property owner certify annually that: the property is being used solely for commercial or industrial uses (or other specified use, as may be detailed in the easement); that the site cover has been maintained in accordance with the SMP; that any transformer substations that have been taken out of service are in the process of being remedied, or have been remedied, as dictated by the environmental easement.

Site No. V00120 **Box 5**

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering Control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
☑	☐

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

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

Elizabeth Tramposch

Signature of Owner, Remedial Party or Designated Representative

12/7/2022

Date

IC CERTIFICATIONS **Box 6**
Site No. V00120

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Elizabeth Tramposch, at 22-48 119th Street, College Point NY 11356,
print name print business address

am certifying as Brooklyn Navy Yard Development Corp (Owner or Remedial Party)

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

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

12/7/2022
Date

IC/EC CERTIFICATIONS **Box 7**
Site No. V00120

Signature

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

I Elizabeth Tramposch, at 22-48 119th Street, College Point NY 11356,
print name print business address

am certifying as a designated representative for the Brooklyn Navy Yard Development Corp (Owner or Remedial Party)

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

12/7/2022
Date

APPENDIX D

Cover Breach Notifications

CORE ENVIRONMENTAL CONSULTANTS

CORE ENVIRONMENTAL CONSULTANTS
22-48 119th Street, College Point, NY 11356 • Phone: 718.786.4730 • Fax: 718.786.4764
2312 Wehrle Dr., Buffalo, NY 14221 • Phone: 716-204-8054 • Fax 716-204-8557

November 20, 2021

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Change of Use/Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
National Grid – Building 12 Shut-Off Valve Replacement

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Change of Use / Minor Disturbance** of the cover system adjacent to Building 12 at the corner of Chauncey Avenue and 2nd Street at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Chauncey Avenue and 2nd Street (near Building 12)

Scope: National Grid is performing an excavation, approximately 4' x 4' x 3' deep, at the corner of Chauncey Avenue and 2nd Street to locate and raise to grade a gas shutoff valve for Building 12. It is anticipated that all excavated soil will be returned to the excavation. The cover system will be restored after completion of the steam line repairs.

All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. CORE Environmental Consultants, Inc. will provide a Qualified Environmental Professional to be on-site to ensure excavated soil is suitable to be returned to the excavation as outlined in the SMP. Community Air Monitoring will be conducted by CORE.

Schedule: Work is scheduled to begin December 7, 2021.

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch
Senior Project Manager

BROOKLYN NAVY YARD INDUSTRIAL PARK:
BUILDING 12 - LOCATION MAP

63 FLUSHING AVENUE, BROOKLYN, NY 11205

CORE ENVIRONMENTAL CONSULTANTS
22-48 119th Street, College Point, NY 11356 • Phone: 718.786.4730 • Fax: 718.786.4764
2312 Wehrle Dr., Buffalo, NY 14221 • Phone: 716-204-8054 • Fax 716-204-8557

June 13, 2019

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Change of Use/Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120 Backflow Preventer Test Pits

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Change of Use / Minor Disturbance** of the cover system for the Backflow Prevention Devices at 3 Locations at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15- day notification as per the Department approved Site Management Plan (SMP).

Locations: Test Pit A - Between Navy Street and First Avenue near Gate #5
Test Pit N - Near the Corner of Washington Street and Flushing Avenue behind building 424
Test Pit I - West of Kent Avenue between the Steiner Building and the Brinks Building

Scope: The scope is related to Test Pits for determining groundwater elevations. The contractor will utilize a backhoe to dig trenches to groundwater. The test pits are required to obtain information required for the future installation of Backflow Prevention Devices required by the NYCDEP. The cover will be restored upon completion.

All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring will be conducted. A Qualified Environmental Professional will be on-site to ensure excavated soil is suitable to be returned to the excavation as outlined in the SMP.

Schedule: The BNYDC would like to begin excavation work as soon as possible.

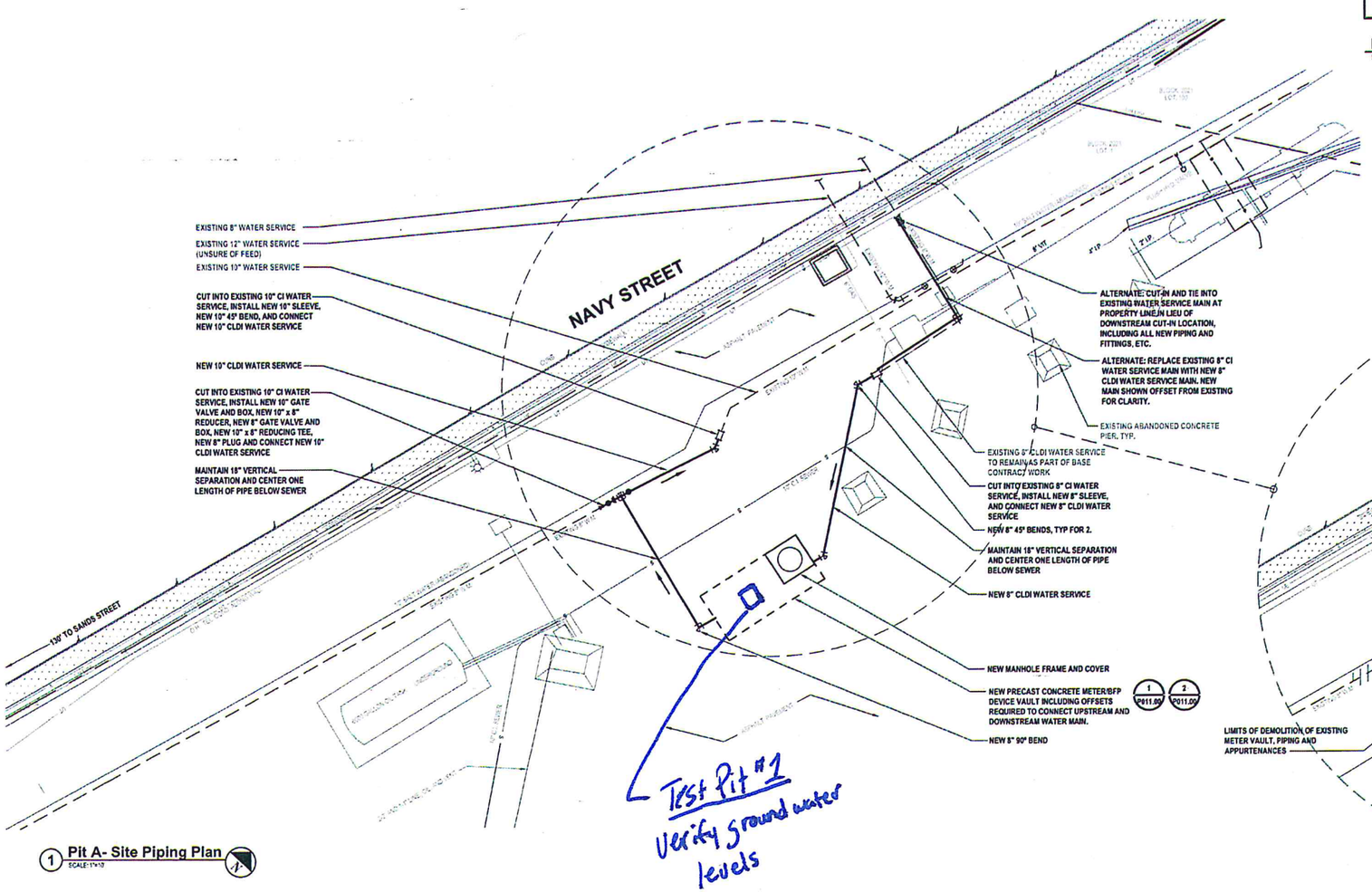
If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

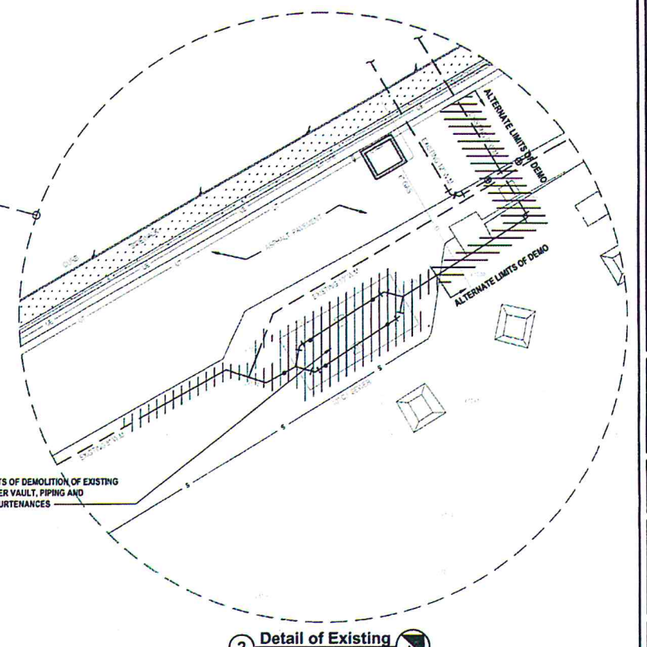
Ronal Tramposch
Senior Project Manager

GENERAL NOTES:

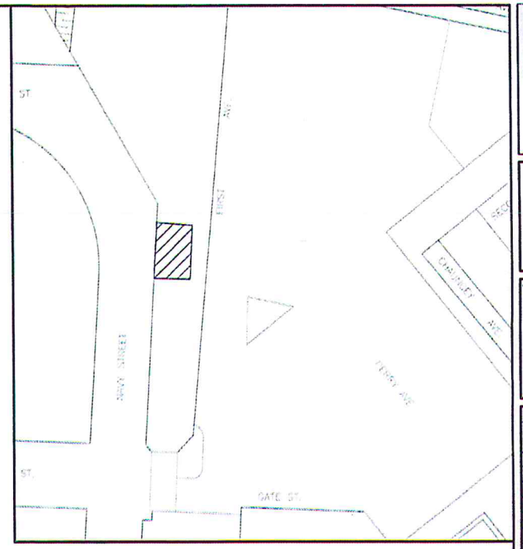
1. ALL FITTINGS SHALL BE FULL BODY TYPE.
2. ALL FITTINGS SHALL BE RESTRAINED WITH WEDGE TYPE RESTRAINING GLANDS.
3. ALL ASPHALT DRIVEWAYS, PARKING LOTS, ROADWAYS AND OR CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND.
4. ALL OTHER AREAS AROUND ENCLOSURES SHALL BE RESTORED WITH 2" SCREENED TOPSOIL AND RE-SEEDED OR AS DIRECTED BY THE BNYDC OR THEIR REPRESENTATIVE .
5. ALL CONNECTIONS ON THE DOMESTIC WATER SERVICE SHALL BE DOWNSTREAM FROM BACKFLOW PREVENTION DEVICE. BYPASSING OF A BACKFLOW PREVENTION DEVICE IS A VIOLATION OF NEW YORK STATE HEALTH DEPARTMENT RULES AND REGULATIONS.
6. INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND NEW YORK STATE HEALTH DEPARTMENT REGULATIONS. BACKFLOW PREVENTION DEVICES SHALL BE INDICATED ON NEW YORK STATE DEPARTMENT OF HEALTH ACCEPTABLE LIST.
7. SERVICE PIPING TO BE UNBRANCHED AND UNOBSTRUCTED FROM MAIN TO THE DEVICE EXCEPT FOR METER.
8. A NEW YORK STATE HEALTH DEPARTMENT CERTIFIED BACKFLOW PREVENTION DEVICE TESTER SHALL TEST THE REDUCED PRESSURE ZONE DEVICE ON INSTALLATION AND AT LEAST ANNUALLY WITH RESULTS REPORTED TO NEW YORK CITY D.E.P ON N.Y. STATE FORM GEN 215.
9. THE PLUMBER SHALL BE LICENSED BY THE CITY OF NEW YORK.
10. TEST COCKS SHALL BE POSITIONED FROM FREEZING AND FLOODING.
11. ALL BACKFLOW ASSEMBLIES MUST BE TESTED BY A NEW YORK STATE CERTIFIED BACKFLOW PREVENTION DEVICE INSPECTOR AND THE RESULTS FORWARD TO THE N.Y.C.D.E.P. WITHIN 30 DAYS OF INSTALLATION.
12. ALL PIPING BETWEEN THE POINT OF ENTRY AND THE BACKFLOW PREVENTION DEVICE SHALL BE STENCILED WITH "FEED TO BACKFLOW PREVENTER. DO NOT TAP OR CONNECT TO THIS LINE." PIPING SHALL BE MARKED WITH 1-INCH HIGH WHITE LETTERING ON DARK BACKGROUND AT 5-FOOT INTERVALS.
13. ALL NEW PIPING SHALL BE CLASS 56, CEMENT-LINED DUCTILE IRON (CLDI). MINIMUM DEPTH OF COVER SHALL BE 4'-0".



1 Pit A- Site Piping Plan
SCALE: 1"=10'



2 Detail of Existing
SCALE: 1"=10'



Location Map
SCALE: NTS

2M architects + engineers

538 Broad Hollow Road
4th Floor East
Melville, NY 11747
P:(631)756-8000
F:(631)694-4122

Melville, NY 11747
Albany, NY 12205
White Plains, NY 11601
New City, NY 10956
Parsippany, NJ 07054
Howell, NJ 11601

CONSULTANTS:

MARK	DATE	DESCRIPTION

PROJECT #: BNYD 15-01
DATE: DECEMBER 2017
DESIGNED BY: TJM
DRAWN BY: JMA
CHECKED BY: | REVIEWED BY:

SEAL: STATE OF NEW YORK · ROBERT J. LUCAS · No. 091237 · LICENSED PROFESSIONAL ENGINEER · 11/30/17

CLIENT
Brooklyn Navy Yard Development Corporation

B N Y

Backflow Prevention Devices at Perimeter Feeds

Block: 2023 Lot: 1 County: Kings
63 Flushing Avenue, #300
Brooklyn, NY 11205

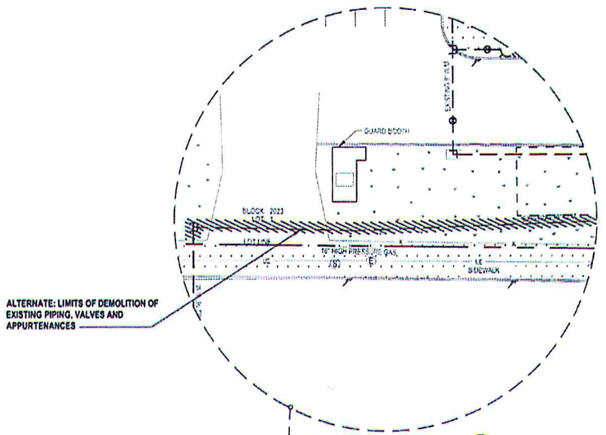
CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

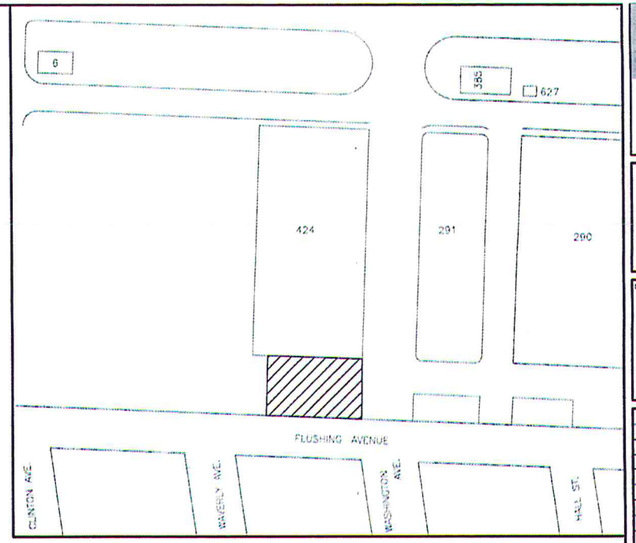
SHEET TITLE
PIT A (BWSO LOCATION NO. 1) SITE PIPING PLAN

SHEET #
P010.00

H:\DOCS\BNYD\15\01\CAD\P&A Site Plan Pit 1 and Workfiles\Nov 29, 2017 - 10:08am By tjmcgee



3 **Detail of Existing**
SCALE: 1"=20'



Location Map
SCALE: NTS

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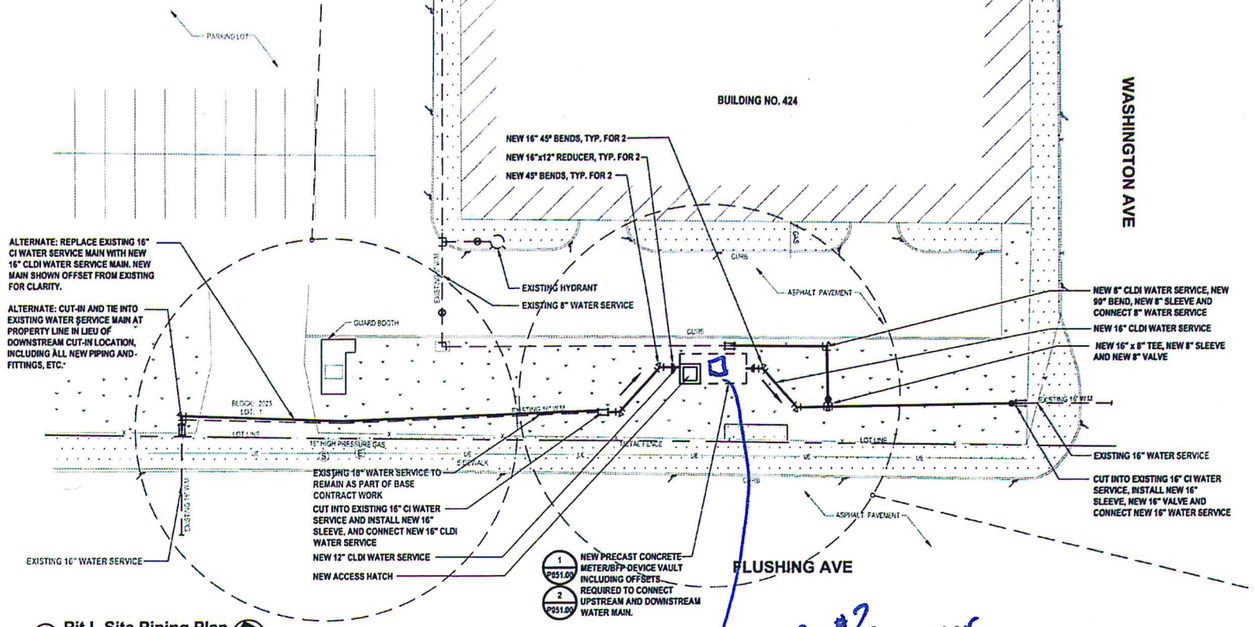
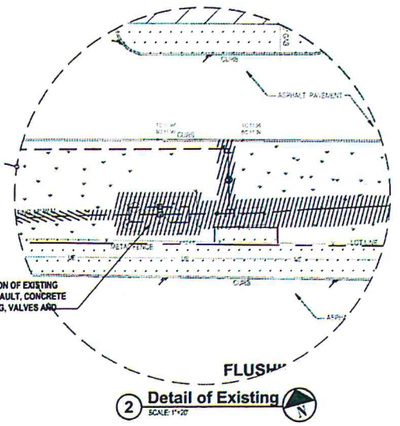


1 **Pit I- Site Piping Plan**
SCALE: 1"=20'



2 **Detail of Existing**
SCALE: 1"=20'

H 2 M architects + engineers

538 Broad Hollow Road
4th Floor East
Melville, NY 11747
P:(631)756-8000
F:(631)694-4122

Melville, NY 11747
Albany, NY 12205
White Plains, NY 11601
New City, NY 10956
Parsippany, NJ 07054
Howell, NJ 11601

CONSULTANTS:

MARK	DATE	DESCRIPTION

PROJECT #: BNYD 15-01
DATE: DECEMBER 2017
DESIGNED BY: TJM
DRAWN BY: JMA
CHECKED BY: REVIEWED BY:

SEAL: STATE OF NEW YORK — ROBERT J. LUCAS — LICENSED PROFESSIONAL ENGINEER — No. 081757 — 11/2/17

CLIENT
Brooklyn Navy Yard Development Corporation

B N Y

Backflow Prevention Devices at Perimeter Feeds

Block: 2023 Lot: 150 County: Kings
22 Flushing Avenue
Brooklyn, NY 11211

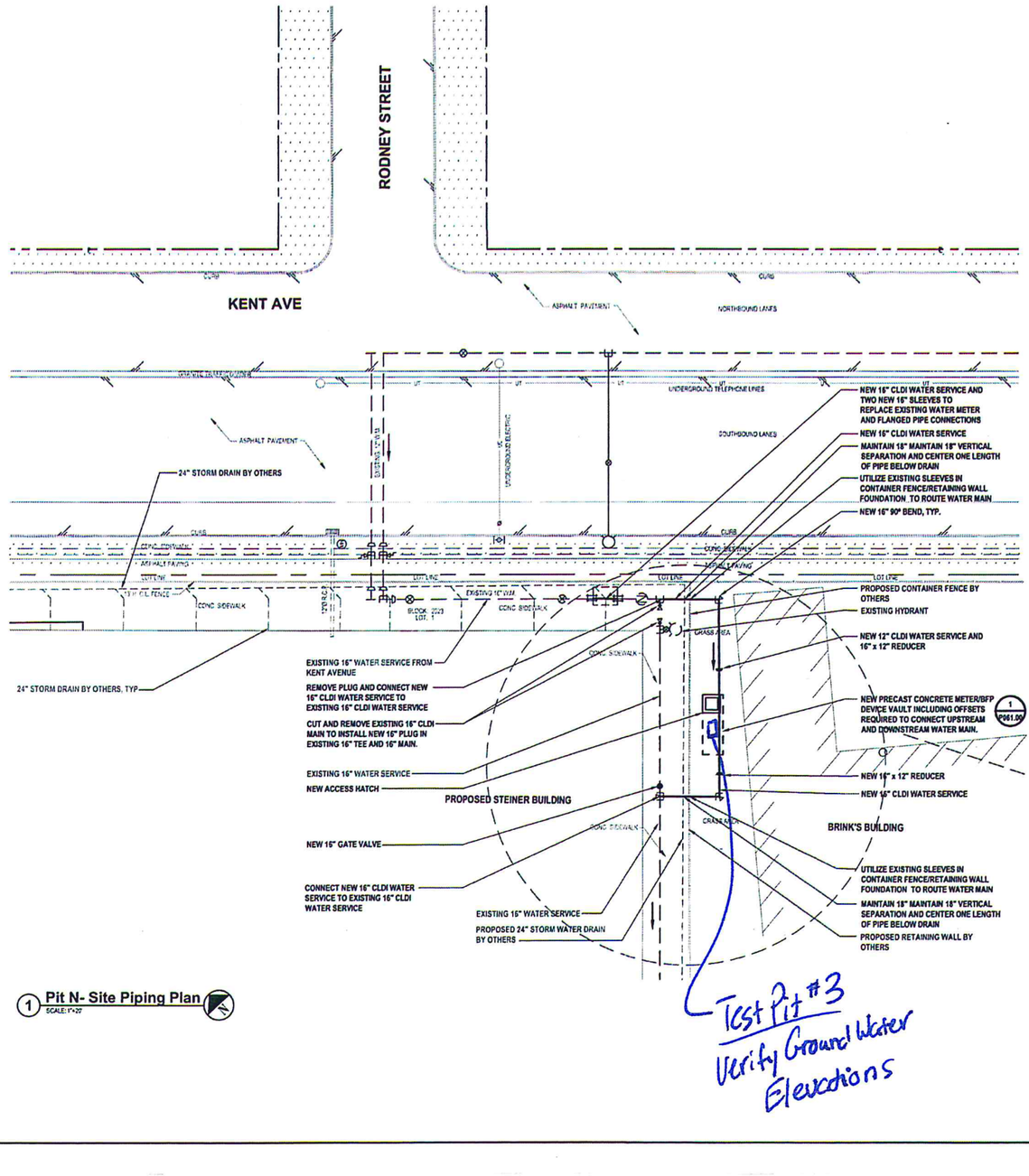
CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

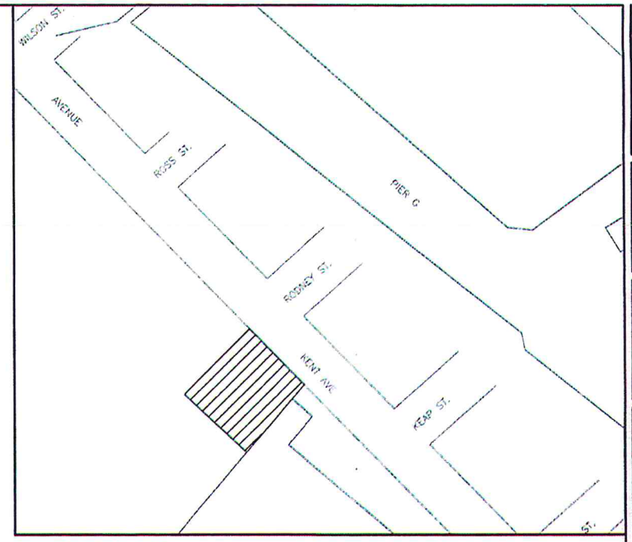
SHEET TITLE
PIT I (BWSO LOCATION NO. 8) SITE PIPING PLAN

SHEET #
P050.00

GW = 9'-6"



1 **Pit N- Site Piping Plan**
SCALE: 1"=20'



Location Map
SCALE: NTS

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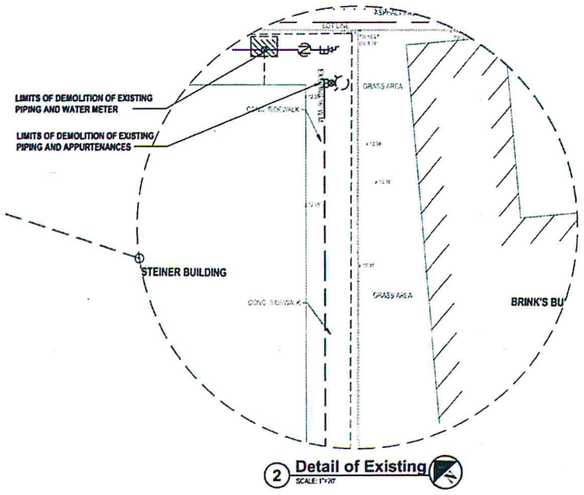

2 **Detail of Existing**
SCALE: 1"=10'

H2M architects + engineers

538 Broad Hollow Road
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Melville, NY 11747
P:(631)756-8000
F:(631)694-4122

Melville, NY 11747
Albany, NY 12205
White Plains, NY 11601
New City, NY 10956
Parsippany, NJ 07054
Howell, NJ 11501

CONSULTANTS:

MARK	DATE	DESCRIPTION

PROJECT #: BNYD 15-01
DATE: DECEMBER 2017
DESIGNED BY: TJM
DRAWN BY: JMA
CHECKED BY: | REVIEWED BY:

SEAL: STATE OF NEW YORK · ROBERT J. LUCAS · 110. 081237 · LICENSED PROFESSIONAL ENGINEER · 11/22/2017

CLIENT
Brooklyn Navy Yard Development Corporation

Backflow Prevention Devices at Perimeter Feeds
Block: 2023 Lot: 1 County: Kings
63 Flushing Avenue, #300
Brooklyn, NY 11205

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

SHEET TITLE
PIT N (BWSO LOCATION NO. 9) SITE PIPING PLAN

SHEET #
P060.00

McLaren ENGINEERING GROUP

Structural | Civil + Site | Marine + Coastal
Bridge, Highway + Rail | Entertainment | Geotechnical
Facade + Building Envelope | Construction Engineering
Forensic Investigation | Surveying + Mapping

February 2, 2022

New York State Department of Environmental Conservation
625 Broadway,
Albany, NY 12233

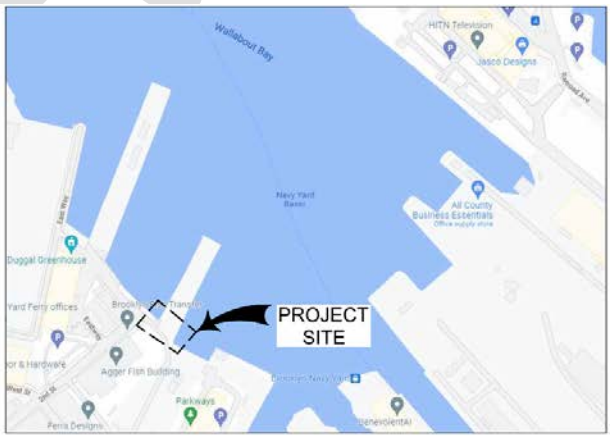
Attn: Jonathan Greco
NYSDEC Project Manager
Division of Environmental Remediation
mail: jonathan.greco@dec.ny.gov

Re: Brooklyn Navy Yard – Pier D Demolition
Change of Use/Minor Disturbance 15 Day Notice
Brooklyn, NY 11201
McLaren File No. 191120

Dear Mr. Greco,

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system adjacent to Building 269 at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP). We plan to do geotechnical and environmental borings to begin 15 days from the date of this letter on February 2nd, 2022.

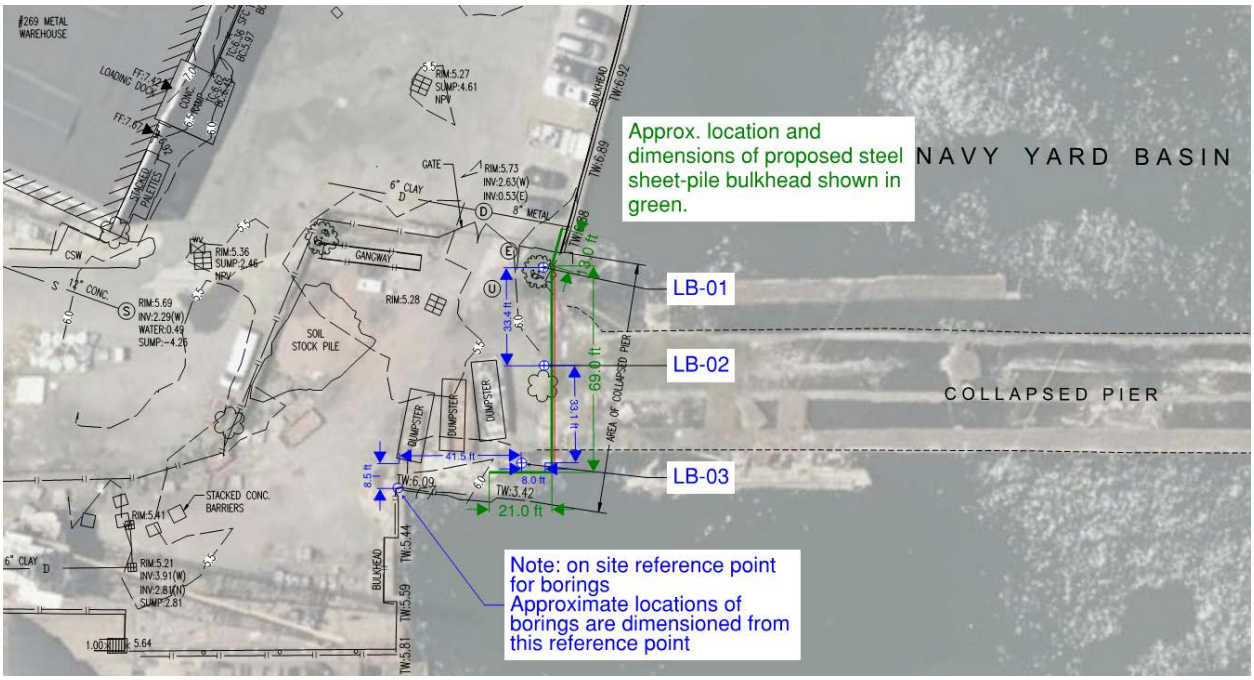
LOCATION MAP



VICINITY MAP

The subcontractor shall perform three (3) borings at the Pier D project site. The borings will be approximately 100 feet deep or when rock is reached. The contractor shall drill through the existing pavement. After the boring has been completed, the hole shall be backfilled with the existing material and sealed with concrete. The approximate locations of these borings can be

seen in the attached drawings. Borings may be moved a few feet in either direction based on site conditions. The boring work is anticipated to take about a week to complete.



All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring will be conducted. A Qualified Environmental Professional will be on-site to ensure excavated soil is suitable to be returned to the excavation as outlined in the SMP. Attached is a letter from driller, Craig Geotechnical Drilling Co. Inc., confirming that they will comply with the HASP in the SMP along with Craig's Site Specific HASP.

If we may be of any further assistance in this matter, please contact me at (814) 880-2125 or vchristini@mgmclaren.com.

Very truly yours,

The Office of
McLaren Technical Services, Inc.

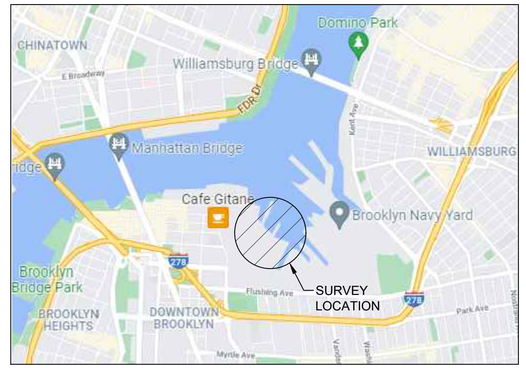
Victoria Christini
Senior Associate

Attachments:
Boring Location Plan
Craig Geotechnical Drilling HASP certification

VCC/kp

SITE PLAN

0 30' 60'
1"=30'



Location Map
Not to Scale

Line Legend

- STRUCTURE
- CONTOUR LINE, MINOR
- INDEX LINE, MAJOR
- ROAD STRIPE, WHITE
- EDGE OF CONCRETE
- PAVEMENT, ASPHALT
- CHAIN LINK FENCE
- IRON FENCE
- STORM DRAIN PIPE
- SANITATION PIPE
- CURB LINE
- HAND RAIL

Symbol Legend

- TREE/DECIDUOUS/SIZE/EL.
- TREE/CONIFEROUS/SIZE/EL.
- BUSH/HEDGE ROW
- SPOT EL./TOP-BOT. CURB/TOP-BOT. WALL
- SPOT ELEVATION UNDER ROADWAY
- FINISHED FLOOR ELEVATION
- CATCH BASIN
- MANHOLE (UNKNOWN)
- MANHOLE (DRAINAGE)
- MANHOLE (ELECTRIC)
- MANHOLE (SANITARY SEWER)
- VALVE (GAS)
- VALVE (WATER)
- VALVE (UNKNOWN)
- HYDRANT
- SIGN
- LIGHT POST
- BOLLARD

Abbreviations

CSW	CONCRETE SIDEWALK
SFC	STEEL FACED CURB
BC	BOTTOM CURB
TC	TOP CURB
TW	TOP OF WALL

SURVEY NOTES:
1. M. G. MCLAREN ENGINEERING & LAND SURVEYING PERFORMED THE FIELD WORK FOR THE TOPOGRAPHIC SURVEY ON 2021/08/13 AND REPRESENTS FIELD CONDITIONS AS OBSERVED AT THAT TIME.
2. THE CERTIFICATIONS HEREIN ARE NOT TRANSFERABLE.
3. CERTIFICATIONS ON THIS SURVEY MAP SIGNIFY THAT THE MAP WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC. THE CERTIFICATION IS LIMITED TO PERSONS FOR WHOM THE SURVEY PLOT IS PREPARED, TO THE CLIENT LISTED ON THIS PLOT.
4. ONLY SEWER AND DRAINAGE SYSTEMS ARE SHOW. NOT OTHER UNDERGROUND UTILITIES ARE MAPPED AND MAY EXIST IN THE PROJECT LIMITS. SEWER AND DRAINAGE PIPES SHOWN ARE BASED ON FIELD OBSERVATIONS AND MEASUREMENTS [CI/ASCE 38-02 IEVED C/D].
5. THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. IF ANY UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS EXIST OR ARE KNOWN, SAID IMPROVEMENTS OR ENCROACHMENTS ARE NOT COVERED BY THIS CERTIFICATE.

COORDINATE SYSTEM & DATUM :
HORIZONTAL:NAD83(2011) NY STATE PLANE COORDINATES, LONG ISLAND (3104) VERTICAL:NAVD-88 G18

1. ABOVE BASIS FOR SURVEY OBTAINED FROM POST-PROCESSED STATIC GPS OBSERVATIONS ON 2021-08-13.
2. ALL FIELD MEASUREMENTS AND THOSE REPORTED HEREON ARE GROUND DISTANCE IN US SURVEY FOOT, PER THE U.S. METRIC LAW OF 1866 DEFINED SPECIFICALLY AS:1,200FT/3,937M.

SURVEY FIELD EQUIPMENT:

1. TPS:LEICA 1" Robotic Total Station
2. GPS:LEICA GNSS Network Receivers
3. LEICA RTC360

DRAFT
NOV 1, 2021

BY | REVISION | DATE | NO.

McLaren ENGINEERING GROUP
M. G. McLaren Engineering and Land Surveying P.C.
530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
T: 201.773.6000 F: 201.746.8522 www.mgmclaren.com

PROJECT
BROOKLYN
NAVY YARD
CITY OF NEW YORK, COUNTY OF KINGS, STATE OF NEW YORK

JASON M. LARSON P.L.S. 051036

SHEET TITLE
BORING PLAN
OVERLAID ON SURVEY

PROJECT NO.	191120
SCALE	
DATE	11/10/2021
DRAWN BY	
CHECKED BY	
DRAWING NO.	V-001
	1 OF 1 SHTS

CRAIG
GEOTECHNICAL DRILLING CO. INC.
5435 Harding Highway • P.O. Box 427 • Mays Landing, NJ 08330 • (609) 625-4862 • cgd@craigtest.com

January, 10th 2022

To: Mr. Jacob Fradkin
MFS Consulting Engineers

Re: BNYDC – Pier D – HASP

To Whom it May Concern,

Craig Geotechnical Drilling will comply with the HASP contained in the SMP.

Thank you,

Thank you,
Kevin Craig – Secretary
609-625-4862

Craig Geotechnical Drilling Co., Inc

SITE SPECIFIC HEALTH AND SAFETY PLAN FOR THE

Brooklyn Navy Yard

Geotechnical Subsurface Investigation

Prepared by:
Kevin Craig

Prepared for:
MFS Consulting

HEALTH AND SAFETY PLAN

SITE NAME: Brooklyn Navy Yard

LOCATION: Brooklyn NY

HASP PREPARER: Kevin Craig

APPROVALS:

Craig Geotechnical Drilling Health and Safety Officer: Ben Thies 609-625-4862

PROJECT PERSONNEL:

Project Manager (CGD): Kevin Craig

Site Health and Safety Officer: Ben Thies

DATE OF PLAN PREPARATION AND DATES COVERED BY PLAN:

Prepared: DEC 2021

Dates Covered: DEC 2021 – DEC 2022

COVERED PERSONNEL UNDER THIS PLAN:

Craig Geotechnical Drilling Co., Inc

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1 INTRODUCTION

1.1 SCOPE AND APPLICABILITY

The purpose of this Health and Safety Plan (HASP) is to identify, evaluate and control potential safety and health hazards and to provide emergency response procedures for incidents that may occur during drilling and boring related activities. This HASP covers Craig Geotechnical Drilling Co, Inc. (CGD) personnel. Any subcontractor personnel who may be working at the site and who have the potential for exposure to hazardous substances or other health and safety hazards identified in this document will be required to have their own HASP that has been approved.

This HASP complies with the standards of the Occupational Safety and Health Administration (OSHA) as stated in 29 CFR and other applicable federal, state and local statutes or regulations. If there is a conflict, the provision more protective of employee safety and health shall apply. All work will adhere to applicable requirements, procedures and protocols.

1.2 OBJECTIVE OF THE HEALTH AND SAFETY PLAN

The objectives of this HASP include the following:

- Identify and evaluate potential work site physical, chemical and biological hazards.
- Identify key personnel and emergency response contacts.
- Define work activities and match personal protection equipment to tasks.
- Implement standard operation procedures to protect workers.
- Provide emergency response procedures.

1.3 PROPOSED WORK

This HASP covers the drilling activities as part of the subsurface investigation in Brooklyn NY. CGD will conduct test borings at the locations indicated on the plans provided by MFS Location of Proposed Work

The proposed work locations are as follows: See Attached Fig. 1-2

2 KEY PERSONNEL AND RESPONSIBILITIES

This section establishes the authority and responsibility for site safety and health and lists key project personnel. Changes in key site personnel will be reviewed and approved by the Project Manager.

Key Personnel	Title
Kevin Craig	Project Manager
Ben Thies	Site Health and Safety Officer
Dave Cooke	Lead Driller

The responsibilities of the personnel assigned to this project are as follows:

2.1 PROJECT MANAGER

- Verify that safety and health provisions as defined in this HASP are implemented at the project site.
- Advise the site personnel of his/her safety, health and environmental responsibilities and hold them accountable for their assigned site activities.
- Approve changes of key site personnel.
- Design and manage site operations to minimize environmental, safety and human health impacts and provide working conditions that control recognized safety hazards.
- Monitor and evaluate site performance in safety, health and environmental protection.
- Overall responsibility for verifying that site activities are conducted in accordance with the provisions contained in this HASP.
- Verify that personal protective equipment (PPE) is adequate to support an effective health and safety program at the site.
- Arrange for site personnel to be informed of potential safety and health hazards associated with their assigned tasks and verify that safe work practices and procedures are instituted, including the proper wearing of PPE.
- Enforce safety and health provisions applicable to personnel at the project site as applicable.

2.2 SITE HEALTH AND SAFETY OFFICER

- Visually inspect site activities on a daily basis for compliance with this HASP. The daily checklist is presented in Table 2-1 and as Appendix A.
- Convey the information in the HASP to the workers on the site.
- Complete the Health and Safety Site Daily Log. Note any deviations from the HASP and document why deviations occurred.
- Report incidents that happen on the site to the Project Manager.
- Select the proper PPE should the need arise to make changes.

2.3 DRILLER

- The Superintendent for the drill crew will, in most cases, be the drill rig operator. The Superintendent's responsibilities are to:
- Consider the "responsibility" for safety and the "authority" to enforce safety to be a matter of first importance.
- Be the leader in using proper personal safety gear and set an example in following the rules that are being enforced on others.
- Enforce the use of proper personal safety equipment and take appropriate corrective action when proper personal protective safety equipment is not being used.
- Understand that proper maintenance of tools and equipment and general "housekeeping" on the drill rig will provide the environment to promote and enforce safety.
- Ensure that the operator (who may be the Superintendent) has had adequate training and is thoroughly familiar with the drill rig, its controls and its capabilities prior to commencement of drilling activities.
- Inspect the drill rig at least daily for structural damage, loose bolts and nuts, proper tension in chain drives, loose or missing guards or protective covers, fluid leaks, damaged hoses and/or damaged pressure gauges and pressure relief valves.
- Check and test all safety devices such as emergency shutdown switches at least daily and preferably at the start of a drilling shift. Drilling should not be permitted until all emergency shutdown and warning systems are working correctly. Do not wire around, bypass or remove an emergency device.
- Check that all gauges, warning lights and control levers are functioning properly and listen for unusual sounds on each starting of an engine.
- Ensure that all new drill rig workers are informed of safe operating practices on and around the drill rig. Provide each new drill rig worker with a copy of the organization's drilling operations safety manual, and when appropriate the drill rig manufacturer's operations and maintenance manual. The safety supervisor should assure that each new employee reads and understands the safety manual.

- Ensure first-aid kit and fire extinguishers are available and properly maintained on each drill rig and on each additional vehicle.
- Be well trained and capable of using first-aid kits, fire extinguisher and all other safety devices and equipment.
- Maintain a list of addresses and telephone numbers of emergency assistance units (ambulance services, police, hospitals, etc.) and inform other members of the drill crew of its location.
- Carefully instruct a new worker in drilling safety and observe the new worker's progress towards understanding safe operating practices.
- Observe the mental, emotional and physical capability of each worker to perform the assigned work in a proper and safe manner. Dismiss any worker from the drill site whose mental and physical capabilities might cause injury to the worker or co-workers.

Table 2-1. Daily Site Checklist **Date: _____**

Item to be Checked	Completed	Corrective Action (if Required)
Field personnel in required PPE (hard hats, safety vests, and other equipment as required)		
All personnel on site have read the HASP		
All personnel on site have 40 Hr OSHA training		
Traffic control is in place if required		
New personnel have received orientation		
Daily Drill Rig and Heavy Equipment Inspections		

THE ABOVE ITEMS HAVE BEEN CHECKED AND ANY REQUIRED CORRECTIVE ACTION TAKEN

Signature: _____ Site Health And Safety Officer

3 EMERGENCY RESPONSE

3.1 PRE-EMERGENCY PLANNING

The emergency procedures will be reviewed with project personnel before work commences. Potentially hazardous conditions that may be associated with specific task activities will be identified. The emergency procedures identified here will be reviewed and revised as necessary by the Site Health and Safety Officer.

3.2 PERSONNEL ROLES AND LINES OF AUTHORITY

The Site Health and Safety Officer has the primary responsibility for coordinating response to emergencies. It is the responsibility of anyone observing an emergency situation to notify the Site Health and Safety Officer. In the event the Site Health and Safety Officer cannot be reached immediately, the person observing the emergency can contact the appropriate emergency service. The following organizations are to be contacted in the event of an emergency:

Agency	Telephone	Health and Safety Issue
Police Department	911	Accident or injury requiring medical attention
Fire Department	911	Fire
Ambulance	911	Injury requiring medical attention
NYC Poison Control Center	212-764-7667	Injury by ingestion
▪ NYU Langone Hospital Brooklyn 150 55th St, Brooklyn NY	Main: 718-630-7000	Injury requiring medical attention
CGD Project Manager: Kevin Craig	Office: 609-625-4862 Cell: 908-910-0953	Any health and safety incident/environmental impact
Ben Thies	Office 609-625-4862 Cell 609-412-6548	Any health and safety incident

3.3 Emergency Standard Operating Procedures

The following standard operating procedures are to be implemented by the Site Health and Safety Officer in the event of an emergency:

- In the event of a serious injury requiring medical attention, emergency services will be immediately notified of the nature and location of the injury.

- If necessary, the hospital emergency room will be notified of the situation. If the injury is minor, but requires medical attention, the injured party shall be transported to the hospital by an onsite vehicle. The CGD, and MFS Project Manager shall be notified of the injury as soon as possible after the injured person has been attended to.

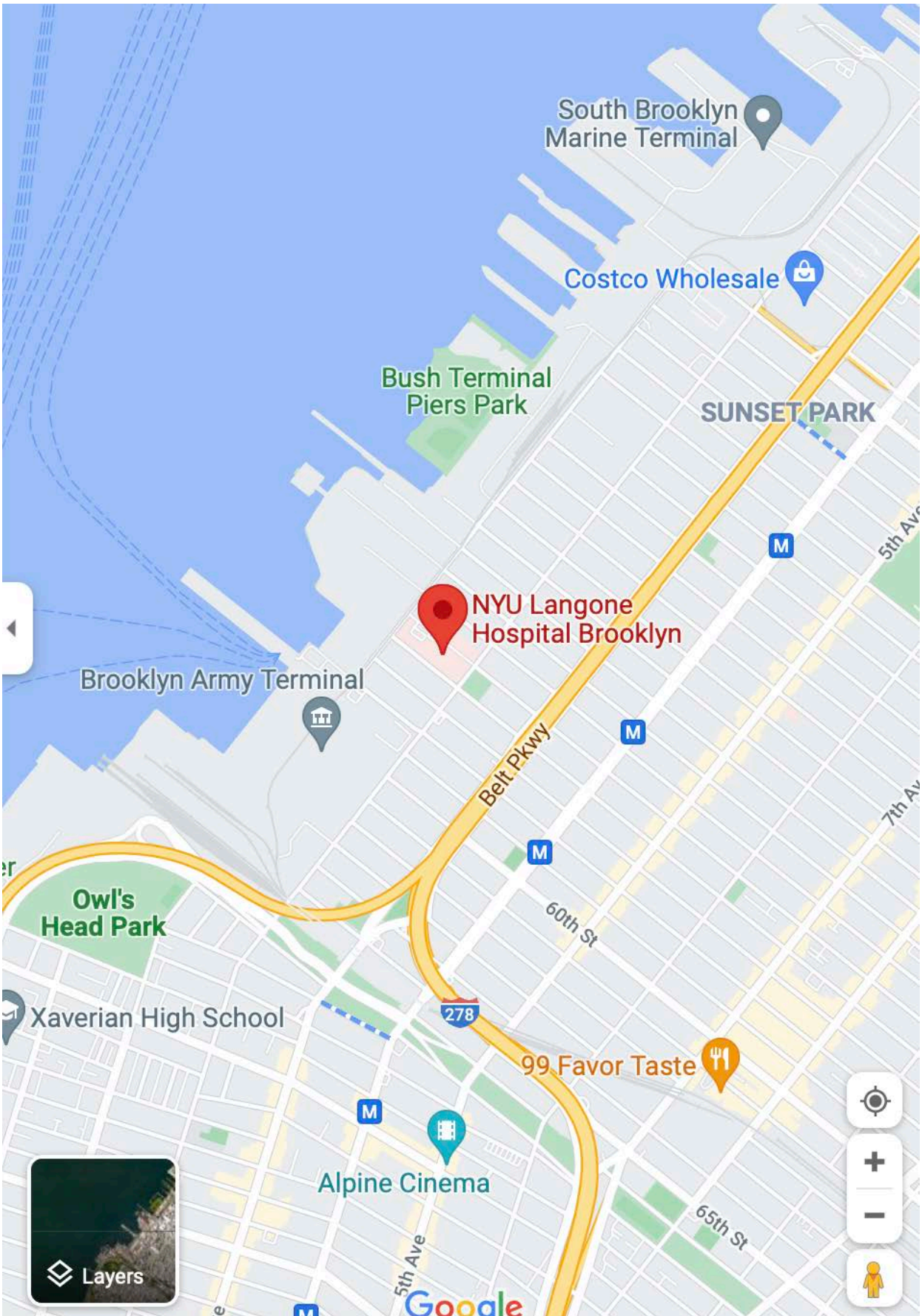
- Upon notification of a natural disaster, such as tornadoes, gale force winds, floods, thunderstorms or earthquakes, all work activities are to be terminated and all personnel are to evacuate the area as directed by the appropriate authority.

- Upon discovery of uncontrolled hazardous materials or contamination, the work area will be evacuated and the CGD, and MFS Project Manager will be contacted.

- Minor injuries will be evaluated and addressed by the Driller and the Health & Safety Officer.

3.4 MEDICAL TREATMENT FOR SITE ACCIDENTS/INCIDENTS Figure 1-2

The nearest medical centers with directions from Site as follows:



3.5 ACCIDENT/INCIDENT REPORTS

The emergency notification protocol outlined below will be followed for reporting emergencies.

fatalities, hospitalizations, life threatening conditions and similar events.

- The designated Site Health and Safety Officer will verify that the appropriate 911/emergency responder notifications have been made.
- The following information will be conveyed by the Site Health and Safety Officer to the above contacts immediately and followed up as soon as possible with an initial written report:
- A brief description of the event/accident/injury
- The location, time and date of the event/accident/injury
- The contract number and contractor involved
- The number of persons injured and the severity of the injuries
- The name(s) of the injured employee(s)
- The name and location of the medical facility where the injured person(s) were taken
- The phone number of the Site Health and Safety Officer
- The name of the person reporting the event/accident/injury

An Accident/Incident Report (Appendix B) shall be completed by the CGD Project Manager following any first-aid treatment at the site or medical evaluation. All injuries shall be reported to MFS Project Manager.

This section identifies potential physical and health hazards that may be encountered while performing the project tasks and the protective measures to be followed to reduce hazard potential. Table 3-1 shows which hazards are associated with the designated tasks for this project that have currently been identified and/or have been sufficiently delineated at this point in time. As the work efforts discussed in Section 1.0 are more formally identified, the HASP will be supplemented to incorporate these activities and the measures necessary to address health and safety.

Table 3-1. Hazards by Task

Task	Potential Hazards
Drilling and Soil Sampling	Physical Struck by overhead equipment Underground-Structures/Obstructions/Utilites Struck by during Drilling/boring and heavy equipment Poor housekeeping Slips, trips and falls Severe weather Heat stress Cold stress Back strain Eye hazards Hand tools Moving parts Electrical safety Noise Fatigue Traffic Biological Ticks Bees/Wasps Poisonous Plants Chemical Exposure VOC's

Table 3-1. Hazards by Task

Task	Potential Hazards
Reconnaissance and General Site Visits	Physical Poor housekeeping Slips, trips and falls Severe weather Heat stress Cold stress Fatigue Traffic Biological Insects Ticks Bees/wasps Poisonous plants

3.6 PHYSICAL HAZARDS

3.6.1 Struck by during Drilling/Boring and Heavy Equipment Operation

CGD will conduct all drilling and boring activities during soil and rock sampling procedures. Joint Venture personnel will not operate or aid the subcontractor in drilling/boring operations. Drill rigs are powered by diesel or electrical sources. Hazards associated with drilling and boring include, noise exposure, overhead suspended loads, lifting of heavy objects, lacerations, slippery surfaces, electrical shock and airborne debris. Injury and exposure prevention measures during drilling/boring operations will include:

- See noise exposure in Section 3.6.12.
- No one will walk beneath suspended loads.
- All underground utilities such as piping, electric lines, gas lines and other potential structures (i.e. floatables booms) must be identified and/or marked out prior to the commencement of coring and sampling activities.
- Slippery surfaces see Slips, Trips and Falls Section 3.6.3.
- Lacerations can occur from frayed or loose wires used during drilling and boring. Equipment will be checked daily by the driller to ensure equipment is in safe working condition. If defective equipment is found, it will be tagged and decommissioned.

- Tag lines will be used to help control each load.
- Before the mast of a drill rig is raised and drilling is commenced, the drill rig must first be leveled and stabilized with leveling jacks and/or solid cribbing.
- The drill rig should be re-leveled if it settles after the initial setup.
- The mast should only be lowered when the leveling jacks are down, and the leveling jack pads should not be raised until the mast is completely lowered
- A drilling/boring safety briefing must be conducted by the subcontractor prior to all site work. Dangerous areas should be recognized and safety zones distinguished.
- Appropriate PPE, recommended by this HASP in Section 4 shall be worn at all times.
- Electric shock from the drill rig's engine can occur due to faulty wiring. The drill rig and its corresponding equipment will be checked daily by the operator to ensure all components are in proper operating condition.
- Fire safety tools such as fire extinguishers and first aid kits will be available.
- ANSI Standard Z89.1 hard hats, steel-toed boots, safety glasses/goggles and reflective vests must be worn during drilling/boring activities. All PPE requirements are specified in Section 4.
- Loose clothing and long hair, which can become entangled in moving parts and cause injury, must be secured prior to working on site.
- Unattended boreholes must be adequately covered or protected to prevent people or animals from stepping or falling into the hole.
- When the drilling project has been completed, all open boreholes will be adequately covered, protected, or backfilled, according to local or State regulations and client requirements
- All equipment must be shut down before refueling.

3.6.2 Poor Housekeeping

A cluttered work site can lead to unnecessary injuries. Scattered equipment or debris can cause site personnel to trip and fall. To prevent injury, the work site/area will be properly maintained. Debris will be properly disposed of and equipment will be properly put away and stowed. The Site Health and Safety Officer will be responsible for monitoring the work site and directing site housekeeping issues.

3.6.3 Slips, Trips and Falls

Ground irregularities due to topography or protruding materials may pose slip, trip, fall or puncture hazards to workers. There are potential hazards from the presence of wet areas, puddles, oil and grease, debris, or other obstructions that may be within passageways or walkways. Site workers are to take care in areas where ground irregularities or protruding objects exist and may not be observed due to vegetation or debris. Field personnel working on land will wear steel-toed work boots with puncture-resistant inserts to protect against sharp or heavy objects.

Driller will determine requirements for safe footing at spillway. Slippery surfaces can be covered with clean well gravel to enhance traction in the work area.

A Safety line will be installed by the two borings at the Spillway Channel near the edge of the End Sill.

On bridges, irregular, slippery, slopes and/or narrow walkways may pose potential slip, trip and fall hazards to workers. Absence of guardrails may present fall hazards. Vehicle traffic may pose health and safety concerns.

3.6.4 Severe Weather

Severe weather conditions include electrical storms, tornadoes, floods, high winds, heavy rain, or snow that creates unsuitable walking/working surfaces, and excessive heat. In the event of severe weather conditions and at the direction of the Site Health and Safety Officer, all work will be terminated and all personnel on-site will take refuge in buildings or automobiles. Field activities are not permitted when severe weather conditions exist. The Site Health and Safety Officer will monitor real-time weather and local weather forecasts during site work activities.

30-30 Rule: Work will be stopped when there are less than 30 seconds between a flash of lightning and the rumble of thunder and workers will seek shelter promptly. Employees will remain in shelter until 30 minutes after the last flash of lightning or rumble of thunder.

3.6.5 Heat Stress

The Field Survey Manager and Site Health and Safety Officer will be cognizant of weather conditions and remind field personnel to dress appropriately. Non-caffeine fluids, such as water, will be available to field personnel.

Workers will monitor each other's actions, speech, and appearance for signs and symptoms of heat-related illnesses, including heat exhaustion and heat stroke. Physical signs and symptoms of heat exhaustion include headache, nausea, vertigo, weakness, thirst, and giddiness. Heat exhaustion may progress to heat stroke if a worker is unable to cool and re-hydrate their body. The primary signs and

symptoms of heat stroke are confusion, irrational behavior, loss of consciousness, convulsions, lack of sweating (usually), hot, dry skin, and an abnormally high body temperature. Workers should be aware of the key differences between the signs and symptoms of heat stroke and those of heat exhaustion, such as the lack of sweating, the color of the skin (red), and the rise in body temperature. Heat stroke is a medical emergency that requires immediate medical attention.

Plenty of water will be provided at the job site and workers will be reminded to drink small amounts of water frequently – every 15 minutes. Rest breaks will be scheduled throughout the work shift to provide shaded or air-conditioned rest areas near the work site

3.6.6 Cold Stress

Field personnel should dress appropriately with adequate insulating dry clothing to maintain core body temperatures above 98.6°F when air temperatures are below 40°F. If continuous work is to be performed at air temperatures below 20°F, frequent short breaks will be taken to warm-up.

Workers will monitor each other's actions, speech, and appearance for signs and symptoms of cold-related injury, including hypothermia, chilblains, and frostbite. The first symptoms of hypothermia are uncontrollable shivering and the sensation of cold. Cool skin, muscle rigidity, low blood pressure, slowed or irregular pulse, and apparent exhaustion and fatigue after rest manifest as hypothermia progresses, and the core body temperature falls. Chilblains and frostbite can occur without hypothermia when extremities do not receive sufficient heat from central body stores. Chilblains occur when small blood vessels constrict during cold, most conditions then leak blood into surrounding tissues upon re-warming. Chilblains usually affect the extremities, ears, and cheeks. Damage from chilblains is generally not considered serious, but discomfort can be severe, and the risk of secondary infection exists. Frostbite occurs when the fluids around the tissue cells freeze and usually affects the extremities, nose, and cheeks. Damage from frostbite can result in tissue death and, therefore, requires immediate medical care.

3.6.7 Back Strain

There is potential for back strain resulting from lifting of heavy objects (greater than 50 pounds for healthy workers) at the work site such as sediment samples and equipment. Back strain can be prevented by employing proper lifting techniques. Lifting with the legs will be employed, and when needed, additional help should be requested.

3.6.8 Eye Hazards

The potential for physical injury to the eyes is inherent with water quality and sediment sampling. Therefore, site personnel are required to wear safety glasses with side shields or safety goggles that meet the requirements of ANSI-Z89.1 while performing site activities.

3.6.9 Hand Tools

There is a potential for injury resulting from the use of hand tools at the work site. Equipment can include pneumatic and electrical powered hand tools as well as other heavy machinery. Hand tools (such as power tools) that will be used during field activities shall be equipped with ground fault circuit interrupters (GFCIs) to reduce the risk of electrical shock. Prior to operation of any power tool, workers shall read the owner's/operator's manual. Prior to use, site personnel will inspect the tool for frayed or cut wiring, loose connections as well as other damaged parts to ensure it is in safe operating condition. The tool should not be used if it is not in safe operating condition. Appropriate work gloves, safety glasses/face shield/face mask and ear protection will be worn as appropriate. Modifications or tampering with the equipment is strictly prohibited. Fixed open blade knives (FOBK) are prohibited

3.6.10 Moving Parts

The potential for physical injury is inherent with the use of mechanical equipment. Site personnel should stay away, as practical, from all unprotected moving parts while equipment is operating. Loose clothing will not be permitted and long hair will be tied back and secured to ensure entanglement with a moving part and potential injury does not occur.

3.6.11 Electrical Safety

Exposure to overhead power lines is not anticipated while working on the project, however, electrical hazards from equipment such as portable generators or other energy dependent equipment is possible. All site personnel will be aware of potential electrical shock risks. All equipment that requires electricity will be inspected prior to use to ensure there are no frays or bare spots on wires, which can cause electrical shock. All electrical equipment used during the completion of this project will be protected by GFCIs. Battery-operated equipment will be used wherever possible. If site personnel deem it necessary to use extension cords, they will use grounded extension cords of suitable gauge for the electrical load and length of cord. Only trained electricians will perform repairs or installations of electrical equipment.

Electrical storms (thunderstorms) may also pose an electrocution hazard to site personnel. In the event of an electrical storm, all work on boats will be terminated and all personnel on-site will take refuge in buildings or automobiles.

3.6.12 Noise

During site operations, the OSHA limit of 90 decibels may be exceeded on or near heavy equipment and other equipment. All site personnel must wear appropriate hearing protection (ear plugs, ear muffs, etc.) with an applicable attenuation factor while equipment is being used that exceeds 85 decibels of noise on the A-weighted scale (dB(A)).

3.6.13 Fatigue

As site personnel fatigue from the day's work, injury becomes a greater risk. The Site Health and Safety Officer will establish work break intervals based on work activities. If it is necessary to lift heavy objects, employees should ask for assistance and use a team effort to lift the object as an alternative to lifting it by oneself and risking back or related lifting injuries. As site personnel tire, they should remain cognizant of their surroundings to avoid becoming careless and creating a possible hazard to themselves and their coworkers.

3.6.14 Traffic

If personnel are working near a roadway or parking lot, they will be cognizant of their surroundings. If working in an area with a lot of vehicular activity, a traffic vest should be worn to make them clearly visible to drivers. If work is to be conducted in public roadways, the Manual of Uniform Traffic Control Devices (MUTCD) will be followed.

3.6.15 Use of Personal Protective Equipment

The personal protective equipment (e.g., protective clothing) that may be required for some activities for this Project places a physical strain on the wearer. When personal protective equipment (PPE) such as gloves and protective clothing are worn, visibility, hearing and manual dexterity are impaired

3.7 Biological Hazards

3.7.1 Ticks

Working in tall grasses, increases the potential for ticks to bite field workers. Ticks can be particularly numerous in the spring and summer. Ticks are vectors of many different diseases, including Rocky Mountain Spotted Fever (RMSF), Q fever, tularemia, Colorado tick fever and lyme disease. These diseases are transmitted primarily by the deer tick, which is smaller and redder than the common wood tick. The disease may be transmitted by immature ticks, which are small and hard to see. To prevent the bite of a deer tick, avoid grassy areas when possible. Wear protective clothing (light colored) with long sleeves and pants tucked inside of socks. Repellants containing "Permethrin" or "Deet" should be applied to clothing and not directly on the skin. Make self-inspection a habit following exposure to an area which may contain deer ticks.

- *Lyme Disease* – This disease commonly occurs in the tri-state area (Connecticut, New York, New Jersey) in the spring and summer and is transmitted by the bite of infected ticks. Symptoms of lyme disease include a rash or a peculiar red spot, like a bull's eye, which expands outward in a circular manner. The victim may have headache, weakness, fever, a stiff neck, swelling and pain in the joints, and eventually, arthritis.

- *Erlichiosis* – The disease also commonly occurs in the summer and is transmitted by the bite of infected ticks. Symptoms of erlichiosis include muscle aches, joint aches, and flu-like symptoms, but there is typically no skin rash.

- *Rocky Mountain Spotted Fever (RMSF)* – This disease is transmitted via the bite of an infected tick. The tick must be attached for four to six hours before the disease-causing organism (*Rickettsia rickettsii*) becomes reactivated and can infect humans. The primary symptom of RMSF is the sudden appearance of a moderate-to-high fever. The fever may persist for two to three weeks. The victim may also have a headache, deep muscle pain and chills. A rash appears on the hands and feet on about the third day and eventually spreads to all parts of the body. For this reason, RMSF may be confused with measles or meningitis. The disease may cause death, if untreated, but if identified and treated properly, death is uncommon.

- Periodic searches should be performed over the entire body, including the hair, to remove any possible ticks. If a tick is discovered the following procedures should be used to remove it:

- A tick should not be detached using bare fingers; tweezers should be used instead;

- Grip the tick as close to the skin as possible and gently pull it straight away from you until it releases its hold;

- Do not squeeze the tick or twist its body as it is being pulled away from the skin;

- Thoroughly wash hands and the bite area(s) with soap and water and apply an antiseptic to the bite area;

- Save the tick in a small container with the date, the location of the bite and where the tick may have come from; and

- Report any incidents involving deer tick bites to the Project Health and Safety Coordinator as soon as possible.

3.7.2 Bees/Wasps

Bees and wasps provide a hazard for personnel, particularly those who have anaphylaxis allergies. Bee and wasp stings and bites can cause allergic reactions to occur such as anaphylactic shock. For those who are allergic to such insects, epinephrine (epipen) prescribed by a physician should be carried on said persons at all times. Site workers should be made aware of such conditions and emergency routes planned accordingly based on location. Personnel working in areas prone to bees and wasps should be cognizant of their surroundings and avoid areas known to contain concentrated populations of bees and wasps.

3.7.3 Poisonous Plants

Poison ivy, sumac and oak may be encountered in grassy/wooded areas. Precautions include wearing pants, long sleeves and gloves and staying on pathways when possible. Poison ivy, oak and sumac plants cause contact dermatitis or an allergic reaction in about 90 percent of all adults. To prevent contact, wear protective clothing (long sleeves, gloves). Remove clothing without touching the outside of the garments that may have come into contact with the oils of the plants.

4 LEVELS OF PERSONNEL PROTECTION AND ACTION LEVELS

4.1 PERSONAL PROTECTIVE EQUIPMENT

Use of PPE is a major means to minimize potential exposure to site hazards. The levels of protection for personnel have been based on OSHA guidelines for the chemicals of concern and other site and activity safety hazards. Personnel will be trained in the use and maintenance of PPE and will be properly fitted prior to beginning site activities. Work activities covered by this HASP are anticipated to be performed under conditions that are below OSHA PEL levels; therefore, respiratory protection will only be required as a contingency. If air monitoring indicates levels above OSHA PELs, work will be stopped. These conditions will be communicated to the Field Survey Manager and Project Health and Safety Coordinator who will develop alternative work practices before work resumes. It is unlikely that personnel will encounter conditions, which are IDLH.

The level of protection to be worn during soil and rock sampling or any sampling where dermal contact with the soil may be possible is Level D with gloves.

Table 4-1. Equipment Requirements

Modified Level D PPE
Semi-permeable disposable coveralls, such as Tyvek when contact with contaminated sediments is anticipated.
Polyethylene-coated Tyvek or full rain gear when body contact with Basin water is anticipated.
PFD when working on a boat, barge, shoreline, bridge (unless adequate railings exist), or dock.
Outer Nitrile or other chemical-resistant gloves.
Inner chemical-resistant gloves, such as Latex.
Steel-toed boots meeting ANSI Z41 with non-skid disposable overboots.
Safety glasses or chemical splash goggles that meet ANSI Z87, no contact lenses will be permitted.
Hard hat (face shield required for core segmentation and decontamination activities) which meets ANSI Z89.
Hearing protection with an OSHA Noise Reduction Rating (NRR) of at least 20dBA in accordance with ANSI standards if noise levels exceed 85 dBA.
Level C PPE
Modified D (minus eye protection) Full Face Respirator with appropriate cartridges, in the event it becomes necessary
Level D PPE
Coveralls or suitable work clothing.
PFD when working on a boat, barge, shoreline, bridge (unless adequate railings exist), or dock.
Gloves
When working on land, steel-toed boots meeting ANSI Z41.
When working on vessels, non-skid rubber overboots or steel-toed rubber boots.
When working with Basin water, safety glasses or chemical splash goggles that meet ASNI Z87.
A hard hat with face shield will be optional for liquid sampling that meets ANSI Z89.

4.2 INSPECTION OF PROTECTIVE EQUIPMENT

4.2.1 Inspection of PPE

Before use of protective clothing, all personnel shall determine that the clothing material is correct for the specified task at hand. The clothing is to be visually inspected for imperfect seams, non-uniform coatings, tears and malfunctioning closures. It is to be held up to the light to check for pinholes. It is to be flexed to observe for cracks or other signs of shelf deterioration. If the product has been used previously, it should be inspected inside and out for signs of deterioration, such as discoloration, swelling and stiffness. During work, the clothing should be periodically inspected for evidence of chemical deterioration, closure failure, tears, punctures and seam discontinuities.

Before using gloves, check for pinhole leaks. Face shields and lenses should be checked for cracks, crazing and fogginess. It is imperative that any equipment found to be defective be replaced immediately.

4.2.2 PPE Donning Procedures

The following procedures shall be used when donning PPE:

- Remove bulky outerwear, remove street clothes, and store in a clean location;
- Put on work clothes or coveralls;
- Put on the required chemical protective coveralls;
- Put on the required chemical protective boots or boot covers;
- Tape the legs of the coveralls to the boots with duct tape;
- Put on the required chemical protective gloves;
- Tape the wrists of the protective coveralls to the gloves; and
- Don the remaining PPE, such as safety glasses or goggles and hard hat.

4.2.3 PPE Doffing Procedures

Whenever a field crewmember leaves the work area, the following decontamination sequence must be followed:

- Rinse contaminated materials from the boots or remove contaminated over boots;
- Clean reusable protective equipment;

- Remove protective garments and equipment (remove inner gloves last to protect against dermal contact during doffing outer garments);
- All disposable clothing should be placed in plastic bags;
- Wash hands, arms, face and neck as appropriate; and
- Proceed to clean area and dress in clean clothing.

5 TRAINING

5.1 BASIC TRAINING REQUIRED

CGD personnel working at this sites will be required to read this HASP and to acknowledge that they have read it and understood it by signing and dating the Field Team HASP Review Form included as Appendix C. CGD must provide the JV with necessary proof of compliance with any specific regulation of the State of New York regarding the training and qualifications of drillers. Any questions regarding the hasp should be directed to the corporate health and safety officer. An initial site orientation will be held by the corporate health and safety officer where the HASP will be reviewed and the field personnel will be given the opportunity to ask questions on the HASP prior to the start of work. Should there be a change in field personnel during the project, the site orientation will be repeated for those personnel and they will have the opportunity to ask any questions on the HASP.

5.2 SPECIFIC SITE TRAINING

CGD personnel working on the site will be required to read this HASP and to acknowledge that they have read it by signing and dating the Field Team HASP Review form included as Appendix C. An initial site orientation will be provided by the Site Health and Safety Officer prior to the start of work.

6 GENERAL SAFETY REQUIREMENTS

6.1 GENERAL SAFE WORK PRACTICES

The following general safe work practices are to be incorporated into work activities:

- The number of personnel and equipment on the site shall be minimized to establish effective and safe site operations.
- On-site personnel shall use the "buddy" system. No one may work alone (i.e., out of earshot or visual contact with other workers).
- Soil sampling activities will be performed in a manner to minimize sediment disturbance.
- Contact with materials, either suspected or known to be contaminated will be avoided to minimize the potential for transfer to personnel and cross contamination.
- Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer of contaminated material, is strictly prohibited.
- Medicine and alcohol can augment the effects of toxic chemicals. Due to potential interactions, use of prescribed medications should be reviewed with the contractor or subcontractor occupational physician. The use or consumption of alcoholic beverages and illegal drugs are strictly forbidden.
- Anyone exhibiting alcohol or drug-induced symptoms will not be permitted to work on-site.
- If it becomes necessary for a visitor to observe the fieldwork, the person will be briefed upon potential hazards, safety practices, decontamination procedures and site communications. All site visitors must supply all required PPE, including respiratory equipment, if required, and proof of current HAZWOPER training and respirator/fit testing to the Project Health and Safety Coordinator and the Site Health and Safety Officer.
- If weather conditions cause field activities in the vicinity of the work areas are deemed to be unsafe, work shall be suspended until weather conditions have subsided so as to be appropriate and safe for the task being completed (see 30-30 Rule).
- Good housekeeping practices will be directed by the Site Health and Safety Officer. All materials to be discarded will be placed in appropriate containers. Unused tools and equipment will be removed from work areas.

- All employees have the obligation to correct or report unsafe work conditions.
- Where applicable, medical monitoring, respiratory fit test and training documentation information will be kept by the Site Health and Safety Officer.
- A first-aid kit will be available at the site and will be readily accessible and fully stocked during all fieldwork.
- No facial hair, which interferes with a satisfactory fit of the respirator-to-face seal, is allowed on site personnel that may be required to wear respiratory protection devices.
- Adequate quantities of potable drinking water will be available.
- Any hazardous materials brought on site will be properly labeled and MSDS sheets will be provided.
- No firearms or knives (except utility knives required for work tasks) will be permitted on site.
- Emergency response equipment, such as fire extinguishers, first aid supplies, and spill response equipment will be maintained on-site during drilling operations.

6.2 SAMPLING METHOD

1. Standard Penetration Tests (SPT) and associated split spoon will be obtained every 5 ft unless otherwise requested, and at every change of material or soil stratification as established from sample, observation of the wash material, and driving resistance during the progress of the test boring. SPT will be performed in conformance with the requirements of ASTMD1586.

6.3 Handling and Drumming of Cuttings

A. Clean - After the completion of each boring, cuttings will be backfilled into the hole.
B. Contaminated - After hand auguring each boring, cuttings will be put on a tarp into 55 gallon steel drums and moved from the work area to a designated staging area. Care will be taken to ensure that no material is spilled in the process.

6.4 Backfilling of Boreholes without instrumentation

After all measurements have been done in the borehole, they will be backfilled with cuttings.

6.5 Spill Containment

The drill rig has two (2) possible sources of oil/fuel on board. The first is a 15 gallon diesel tank on the drill rig. NYSDOT certified 5 gallon diesel containers will be used to carry fuel to the rig. The second is a 30 gallon hydraulic oil tank to run the hydraulic system on the rig. Oil absorbent pads and socks will be available at the work area at all times. Polyethylene tarps can be made available to be placed under the rig if necessary. A silt fence may be required to contain any random material that escapes the mud tub.

6.6 Estimated Schedule

1. Project to start within one (2) week after approval of HASP and Work Plan and in coordination with any current construction.
2. Duration of this project is estimated at (4 +/-) Weeks.

6.7 Sequence of Drilling

In coordination with MFS & BNY

6.8 Planned Work Hours

Start time: 7:00 AM
End Time: 3:00 PM

APPENDIX A

DAILY SITE CHECKLIST

DAILY SITE CHECKLIST

Item to be Checked	Completed	Corrective Action (if Required)
Field personnel in required PPE (hard hats, safety vests, and other equipment as required)		
All personnel on site have read the HASP		
All personnel on site have had required training		
Traffic control is in place if required		
New personnel have received orientation		
Daily Drill Rig and Heavy Equipment Inspections		

THE ABOVE ITEMS HAVE BEEN CHECKED AND ANY REQUIRED CORRECTIVE ACTION TAKEN

Signature: _____

Site Health And Safety Officer

APPENDIX B

ACCIDENT/INCIDENT REPORT

ACCIDENT/INCIDENT REPORT

Report No. _____

Site: _____ Project No. _____

Location: _____

Date of Report: _____ Preparer's Name: _____

Name of Injured: _____

Address of Injured: _____

_____

SSN: _____ Sex: _____ Age: _____

Years of Service: _____ Time on Present Job: _____

Job Title/Classifications: _____

Division/Section: _____

Date of Incident: _____

Incident Category: _____ Physical _____ Property Damage _____ Fire
_____ Motor Vehicle _____ Chemical Exp _____ Near Miss
_____ Other

Severity of Injury or Illness: _____ First Aid Treatment _____ Lost Time
_____ Physician Treatment _____ Fatality

Nature of Injury or Illness: _____
Estimated Number of Days Away from Job: _____
Describe Property Damage: _____
Estimated Amount of Property Damage: _____
Root Cause: _____
Recommendations to Resolve Cause: _____

Actions Taken:

Reviewed By	Name	Signature	Date
Injured or Responsible Person			
Site Health and Safety Officer			
Craig Project Manager			
MFS Project Manager			

APPENDIX C

FIELD TEAM HASP REVIEW FORM

CRAIG GEOTECHNICAL DRILLING CO., INC

HEALTH AND SAFETY PLAN REVIEW FORM

I have reviewed and have been instructed on the Site Specific Health and Safety Plan for the English Kills Blower Building Project. I understand and will adhere to the Health and Safety requirements of the project, which are detailed in this Health and Safety Plan.

Name (Print)	Organization	Signature	Date

APPENDIX D

DRILL RIG INSPECTION CHECK LIST

SITE/PROJECT NAME: _____ Date: _____

RIG INSPECTOR (NAME/CO.): _____

RIG INFORMATION:

Rig Type: Rotary/Auger Drilling Rig ☐ Direct Push Type (DPT) ☐ Rotary Sonic ☐

Owner: _____

Yr/Make: _____

Model: _____

VIN #: _____

Mileage: _____

Drill Hrs: _____

Inspector to initial columns below as appropriate

CATEGORY	INSPECTION ITEMS	PASS	FAIL	N/A	ACTION NEEDED
Emergency Switches (#1)	Emergency shutdown switches are located and accessible to workers on both sides of the rotating stem. **NOTE:** Location and number of switches depend on the rig manufacturer, please refer to owner's manual (DPT typically has one switch on control panel).				
	Emergency shutdown switches installed by the manufacturer are verified to be in operable condition and all workers are familiar with the location and operation of these switches. **NEVER BYPASS, DISABLE, OR REMOVE EMERGENCY SHUTDOWN DEVICES.**				
Protective Guards (#2)	Drive shafts, belts, chain drives, and universal joints are guarded to prevent accidental insertion of hands, fingers, or tools.				
Cables (#3)	Cables on drill rig are free of kinks, frayed wires, birdcages, flat spots, grease, and worn or missing sections.				
	Cables are terminated at the working end with a proper eye splice; either swaged, coupled, or using cable clamps.				
	Cable clamps are installed with the saddle on the live or load side. Clamps are not alternated and are of the correct size and number for the cable size.				
	Wire ropes are not allowed to bend around sharp edges without cushion material.				
Pulleys (#4)	Pulleys are not to be bent, cracked, or broken.				
	Pulleys operate smoothly and freely, without resistance.				
Cable Winches (#5)	Motor is mounted in correct location and tightly secured to drill rig.				
	Winch is capable of being placed in the free spool (unwind smoothly) and locked position correctly, demonstrating that the cable is suitable for lifting during drilling operations.				
Safety Latches (#6)	Hooks installed on hoist cables are the safety type with a functional latch to prevent accidental separation.				

	Safety latches are functional and completely span the entire throat of the hook and have positive action to close the throat except when manually displaced for connecting or disconnecting a load.				
Flights/Augers (#7)	Flights/Augers should not be bent, cracked, or broken. **NOTE:** Flights/Augers failing inspection must be removed from jobsite.				
	Flights should be blunt to prevent the risks of cuts.				
	Auger keys should not be bent, have any cracks/fractures, be excessively worn, or otherwise damaged.				
	Auger bolt holes and threads should not be damaged.				

CATEGORY	INSPECTION ITEMS	PASS	FAIL	N/A	ACTION NEEDED
Flights/Augers (#7) (cont.)	Inspect flights/augers for metal burrs. **NOTE:** Burrs must be filed to flat surface.				
	Avoid stacking augers; all should lay flat on ground.				
	Avoid manually lifting/moving augers. Should be lifted/moved with cable lines, or, at a minimum, by two persons.				
Drill String (#8)	Drill string should not be bent or have any cracks/fractures.				
	Drill string connecting pins should not be bent, have any cracks/fractures, or be excessively worn.				
Mast (#9)	Mast is free of bends, cracks, or broken sections.				
	All mounting hardware (pins, bolts, etc.) should be in place.				
Hammering Device (#10)	Hammer free of cracks, fatigue, or other signs of excessive wear.				
	Hammer connections are secure.				
Leveling Devices (#11)	Outriggers move in/out and up/down smoothly and freely while using controls on drill rig, with no hydraulic leaks.				
	Outriggers are extended prior to and whenever the mast is raised off its cradle. Outriggers must maintain pressure to continuously support and stabilize the drill rig (even while unattended).				
	Outriggers are properly supported on the ground surface to prevent settling into the soil (use of outrigger support pads).				
Controls (#12)	Controls are intact, properly labeled, have freedom of movement, and have no loose wiring or connections.				
	Controls are not blocked or locked into an operating position.				
	Installed lights, signals, gauges, and alarms operate properly.				
Lifting Devices (#13)	Slings, chokers, and lifting devices are inspected before using and are in proper working order. **NOTE:** Damaged units are to be labeled and removed from jobsite.				
	Shackles/Clevises are in proper working order with pins/ screws in place that is to be used while lifting.				
	Cables and lifting devices are not operated erratically or with a jerking action to overcome resistance.				
Hydraulic System (#14)	Hydraulic lines are secure, in good condition with no signs of excessive wear, and not leaking. **NOTE:** Check while pressurized.				
	Hydraulic lines are not in a bent or pinched position causing additional fluid restrictions/pressures.				
	Hydraulic oil reservoir has appropriate amount of oil and not leaking.				
	Documentation available to confirm that pressure relief valve was checked during shop maintenance activity and noted on maintenance log.				
Pump Lines (water, grout, etc.) (#15)	Suction/Discharge hoses, pipes, valves, and fittings are secured and not leaking.				
	High pressure hoses have a safety chain, cable, or strap at each end to prevent whipping in the event of a failure.				

Fire Prevention (#16)	A fire extinguisher of appropriate size is located on drill rig and readily available/accessible for drilling crew (recommended 20 lb.).				
	Documentation available to confirm that the drilling crew has received training on proper use of fire extinguishers.				
Ladders (#17)	Drill rig has a permanently attached or proper portable ladder to be used for access to drilling platform.				
Tracks (#18)	Tracks on rig are not excessively worn and free of any debris or foreign material.				

CATEGORY	INSPECTION ITEMS	PASS	FAIL	N/A	ACTION NEEDED
General (#19)	Drill rig meets regulations for transport on state/federal highways (inspection sticker, license plate, etc.).				
	Documentation available to verify that rig was inspected prior to arriving at ExxonMobil job sites.				
	Does the rig size meet job requirements?				
	Maintenance log available for previous 3 months to confirm proper maintenance/inspection.				
Exhaust (#20)	Exhaust system should be free from defect and routes engine exhaust away from drill rig workers.				
Fuels (#21)	Fuel stored in an approved and properly labeled container.				
	Fuel transfer lines free from signs of excessive wear and not leaking.				
	Refueling and transferring of fuel is performed in an approved area with sufficient containment to prevent spillage.				
Exclusion/ Work Zones (#22)	The exclusion/work zone is centered over the borehole and the radius equal to or greater than the height of the mast (measured from ground level).				
	The exclusion/work zone should be clear of tripping hazards.				
Overhead Obstructions (#23)	Except where electrical distribution and transmission lines have been de-energized and visibly grounded, drill rigs will be operated proximate to under, by, or near power lines in accordance with the following: * 50 KV or less - minimum clearance of 10 feet * 50 KV or greater - add 0.4 inches for every KV over 50 KV * If voltage is unknown, maintain at least 20 feet of clearance.				
	While the rig is in transit, clearance from energized power lines will be maintained as follows: * Less than 50 KV - 4 feet * 50 thru 365 KV - 10 feet * 366 thru 720 KV - 16 feet				
Mast (#24)	No moving of drill rig while mast is in vertical position.				
	Maintenance/repairs to be performed on mast only in horizontal position.				
Rig Repairs (#25)	Repairs, when possible, are conducted offsite to reduce the risk of any onsite incidents.				
Specialized PPE (#26)	When working at elevated heights, workers are to wear a fall restraining device attached in a manner to restrict fall to less than six feet.				
	When working in wet/slippery conditions, all workers have a lug-type sole or similar slip resistant sole, on their safety footwear to prevent slipping.				

RECOMMENDED SPARE PARTS/ITEMS TO BE SENT WITH DRILL CREW

DRILL RIG

* Emergency Switch
* Drive Coupling
* Shear pins/keys (for drive coupling)

DPT RIG

* Emergency Switch
* Drive Caps
* Cutter Head

* Pump Packing
* Pump Hoses
* Auger Bolts
* Rod to cap pins
* Cutter Head
* Safety Latches, Hooks, Clamps
* Split Spoon Cutter Head
* Spill Kit (5 gal. bucket with oil dry and absorbent pads
* Pull Cap
* Liner Cutter
* Rod to Cap Pins
* Liner Holder (used while cutting)
* Spill Kit (5 gal. Bucket with oil dry and absorbent pads)

CRAIG JOB HAZARD ANALYSIS

ACTIVITY DESCRIPTION: SOIL BORINGS – MFS Consulting
LOCATION: Brooklyn Navy Yard – Brooklyn NY
START DATE: TBD

Competent Person(S):

1) **Driller On-Site**

Job Tasks	Potential Hazards	Controls
Moving Drill Rig to Job Site	Collisions, injuries	All drivers shall be properly licensed
		Perform pre-operation check of vehicle, ensuring service brakes, parking brake, steering, lights, tires, horn, wipers, mirrors and glass are in good condition. Ensure that the rig is roadworthy.
		Occupants shall wear seatbelts
		Secure loose materials in cab or bed of vehicle
		Keep windows and lights clean
		Do not operate vehicle if in an unsafe condition
		Abide by driving safety procedures
Set up Maintenance and Protection of Traffic	Collisions, injuries	Establish MPT in accordance with most recent issued NYDOT/NYCDEP guidelines.

Job Tasks	Potential Hazards	Controls
Mobilization Rig to Borehole	Unstable, uneven terrain	In order to identify hazards and minimize the Potential for a vehicle/rig roll-over, the operator shall walk the path to the boring location and visually inspect the terrain to identify and avoid potential hazards prior to rig mobilization. If operator is required to drive the rig from the rear, a spotter shall assist by walking along front of the rig to provide guidance.
		Clear vegetation as necessary along the path so uneven terrain (logs, cobbles, boulders, outcrops, slopes, holes etc) is visible, enabling safer maneuvering of the rig.
		If operator is unsure of the safest route or determines the rig cannot be safely moved to the next boring location, it shall be reported to the Supervisor so alternate plans can be made.
Positioning Rig at Borehole	Unstable, uneven terrain	Locate rig on stable ground
		Level rig with jacks
		Ensure jacks are on stable footing
	Overhead electrical lines	Never Move the rig when the mast is raised
		Never attempt to move the overhead line with any device (for example to move the line away from rig mast)
		If rig does contact an overhead power line, any occupant and/or operator shall remain in/on the rig until the line is de-energized.

Job Tasks	Potential Hazards	Controls
Drill Rig Operation	Equipment maintenance Hazards	Perform heavy equipment safety inspection daily; ensure that pressure relief devices, wire ropes, hoisting equipment, hydraulic hoses, are in good working condition.
		Ensure periodic preventative maintenance is performed when required
		Check to see if welds are in good condition and bolts, pins, nuts, etc. are in place
		Ensure backup alarms are in working order
		Be constantly alert for equipment wear, failure, leaks, etc.
		Ensure required guards are in place
		Completely shut down equipment prior to conducting maintenance activities, fueling, servicing or repairs.
	Uses of Ladders to make repairs or for maintenances of drill rig	Use of ladder when necessary. Prior to use, make sure the ladder is designed to hold your weight plus the weight of the tools or equipment you will be carrying. The ladder rating is located on the side rails. Inspect the ladder for cracked, broken or missing rungs prior to use and remove from service If they are observed. Set the ladder up on a level, non-slippery surface and secure it by bracing it at the bottom and/or tying it at the top. Set the ladder at a proper pitch (for each 48” of height – 12” out from vertical). Make sure there is no mud or grease on rungs or boots.
	Underground utilities	Ensure proper utility location/clearance. Hand Dig to 6ft
	Moving machinery, rotating parts etc.	Maintain safe distance from rotating rods; do not use hands to mark rods while they are rotating.
		No lose fitting clothing allowed
		Ensure that appropriate machine guards are used, where appropriate (pulleys, belts, etc.)
		Make eye contact with operator before approaching equipment
		Be alert and take proper precautions regarding slippery ground surfaces and similar hazards near rotating auger

Job Tasks	Potential Hazards	Controls
Drill rig Operation (continued)	Moving machinery, rotating parts etc. (continued)	Ensure that emergency kill switches are working
		When cathead is in use, ensure safe travel path for rope, do not stand on rope. Ensure rope is in good condition and ensure other personnel maintain a safe distance.
		Ensure that driller and helper communicate and coordinate their actions and movements
	Falling objects, debris	Wear hardhat and safety glasses/goggles
	Drill rod stacking	Ensure that drill rod stacking does not exceed the length of 1.5 times the height of the tower
	Manual lifting, equipment handling	Use proper lifting techniques when lifting equipment (augers, rods, casing, hammers, etc). Seek assistance with heavy loads
		Use work groves to prevent hand injuries
		Wear Steel-Toe boots
	Noise	Wear appropriate hearing protectors
	Winching operations	Ensure all cables, clamps, hooks, latches, chains, slings and related equipment is in proper condition prior to winching
		Personnel should stay clear of hazard area
		Wear hard hats, safety glasses, work gloves
	Adverse weather conditions	Protect from excess sun exposure by use of covering clothing and sunscreen
		To protect from hot weather hazards, schedule work during cooler morning hours when possible, drink plenty of fluids, take frequent breaks (in shade if possible) and monitor employees for signs of heat stress
		To protect from cold exposure, schedule work during warmer parts of the day when possible, wear multiple layers of insulating clothing as well as outer wind-resistant clothing. Stay as dry as possible and have extra clothing in situations where workers may get wet, wear gloves when temperatures fall below 40 deg F, take frequent breaks preferably in a warm environment

Job Tasks	Potential Hazards	Controls
Drill Rig Operation (continued)	Adverse weather conditions (continued	Suspend work during threat of electrical storms
	Housekeeping related hazards	Maintain clean and sanitary work area free of tripping/slipping hazards
		Store hand tools in their proper storage location when not in use
		Ensure ample space for each employee to work safely with sound footing
		Ensure ample lighting
		Ensure adequate facilities/equipment for hand washing prior to eating
	Tool-related hazards	Do not use electrical tools with damaged cords or other damaged electrical components
		Observe proper electrical safety practices
		Ensure tools are properly maintained; do not use damaged tools
		Wear eye protection
		Store and carry tools correctly
		Use the correct tool for the job
		Support the work piece (using clamps, vise, sawhorse, or other device). Do not hold the work piece with your hand
		Protect your “off hand” from gouges, hammer blows, cutting tools, etc. position your “off hand” to prevent injury in case of slip of the tool
	Fire hazards	Ensure that all flammable/combustible liquids are stored in proper containers
		Ensure that a fire extinguisher is present
		Remove flammable or combustible materials from vicinity of welding or use of torches (such as debris, fuels, grass/weeds, etc.)

Job Tasks	Potential Hazards	Controls
Drill Rig Operation (continued)	Exposure to hazardous substances	Ensure that workers are familiar with hazards associated with hazardous commercial products used in drilling (fuels, grout, cement, Bentonite, etc.).
		Be alert for hazardous site contaminants (as indicated by odor, visual characteristics, location, and site history). Ensure procedures and contingencies are in place for characterizing hazards and protecting workers by use of appropriate personal protective clothing and respiratory protection, as needed.
	Emergency procedures	Ensure that all site workers are familiar with emergency contact procedures, route to hospital
		Ensure that a first aid kit is present with the drill rig
	Hazards associated with drilling operations	
		Maintain safe distance from drilling equipment at all times while rig is in operation
		Coordinate activities with driller
		Wear appropriate safety equipment when near rig and in general work area (hard hat, steel toe boots, work clothes, high visibility vest, etc)
Drilling – Water Management	Equipment failure, fire hazards, pressurized hoses, burns, manual lifting, slips/trips/falls, unstable/uneven terrain, bodily injuries	Inspect equipment (water truck, pump, hoses, connections etc) prior to use and perform maintenance as needed/recommended.
		Use proper fuel storage containers (metal safety cans). Labels shall match the contents.
		Keep a fire extinguisher available in work area

Job Tasks	Potential Hazards	Controls
Drilling – Water Management (continued)	Equipment failure, fire hazards, pressurized hoses, burns, manual lifting, slips/trips/falls, unstable/uneven terrain, bodily injuries (continued)	Do not smoke around flammables
		Wear required PPE for the task. Gloves shall protect entire hands from possible burns and other hazards associated with the task
		Use proper tool for the job
		Shut off water flow and depressurize hoses prior to disconnecting from pump
		Allow hot equipment to cool prior to handling and wear gloves that will protect against potential burns
		If a ladder is required to access tank on water truck, inspect prior to use and use properly (outlined above)
		Use proper lifting techniques (pump loading/unloading). Lift with legs.
		Maintain good housekeeping; be aware of trip hazards in work area such as stumps, downed branches, rocks, etc.; use caution on slopes and uneven terrain.
		Wear long pants, gloves, safety glasses, hard hat, high visibility clothing, and boots.
Use of Propane Torches to Keep Water Pumps from Freezing	Fire, Explosion, Burns, and cylinders propelled by escaping gases	Whether using or transporting gas cylinders always keep them secured in their upright position using chains, strong wire or metal.
		Keep cylinders away from sources of electricity, sparks, flames and heat sources.
		Inspect cylinders, hoses, valves, and torches before using them. Take all defective parts out of service immediately and replace them.

Job Tasks	Potential Hazards	Controls
Working in Inclement Weather	Slippery conditions, frostbite, cold stress, poor visibility of terrain/ground conditions due to snow/ice cover	Work may be suspended during inclement weather if a drill operator and/or supervisor deems it unsafe to travel to the work area or to operate the equipment safely. Individual boring locations and access road conditions will be considered when making these decisions.
		Caution shall be used when navigating access roads with vehicles.
		Walk pathways to work area with caution. Clear snow when necessary. Sand/salt may be applied to areas of foot travel and in work zones.
		If a hazard is encountered along an access road or pathway, report it to a supervisor or inspector as soon as possible.

Job Tasks	Potential Hazards	Controls
Working in Inclement Weather (continued)	Slippery conditions, frostbite, cold stress, poor visibility of terrain/ground conditions due to snow/ice cover (continued)	Dress appropriately for the weather and monitor weather conditions.
COVID-19	Transmission of Illness	Vaccinated crew Maintain 6ft distance from people on-site when possible

CORE ENVIRONMENTAL CONSULTANTS
22-48 119th Street, College Point, NY 11356 • Phone: 718.786.4730 • Fax: 718.786.4764
2312 Wehrle Dr., Buffalo, NY 14221 • Phone: 716-204-8054 • Fax 716-204-8557

February 8, 2022

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
Proposed Welding Lab – Geotechnical Borings

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system adjacent to Building 292 and the Small Boat Basin at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Between Building 292 and the Small Boat Basin

Scope: The work consists of the performance of two geotechnical borings (SPTs) within the perimeter of the planned Welding Lab. The borings will be drilled via mud rotatory drilling with a self-contained recirculating system. The borings will provide soil samples for the determination of geotechnical parameters and environmental soil characterization as needed. These are required for the building design and to facilitate soil disposal and groundwater dewatering during construction. One boring is planned to reach a depth of 130 ft beneath the existing grade and the second to reach 60 ft of depth. See the attached plans for the location of the borings. All work will be completed in accordance with the NYSDEC approved Site Management Plan and Excavation Work Plan. All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. Community Air Monitoring will be conducted. A Qualified Environmental Professional will be on-site to ensure excavated soil is suitable to be returned to the excavation as outlined in the SMP. The cover system will be restored after completion of the steam line repairs.

Schedule: The schedule for the geotechnical and environmental borings is to begin 15 days from the date of this letter on February 8th, 2022. The borings are expected to take 1 week.

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch, Senior Project Manager

Jacobs

Memorandum

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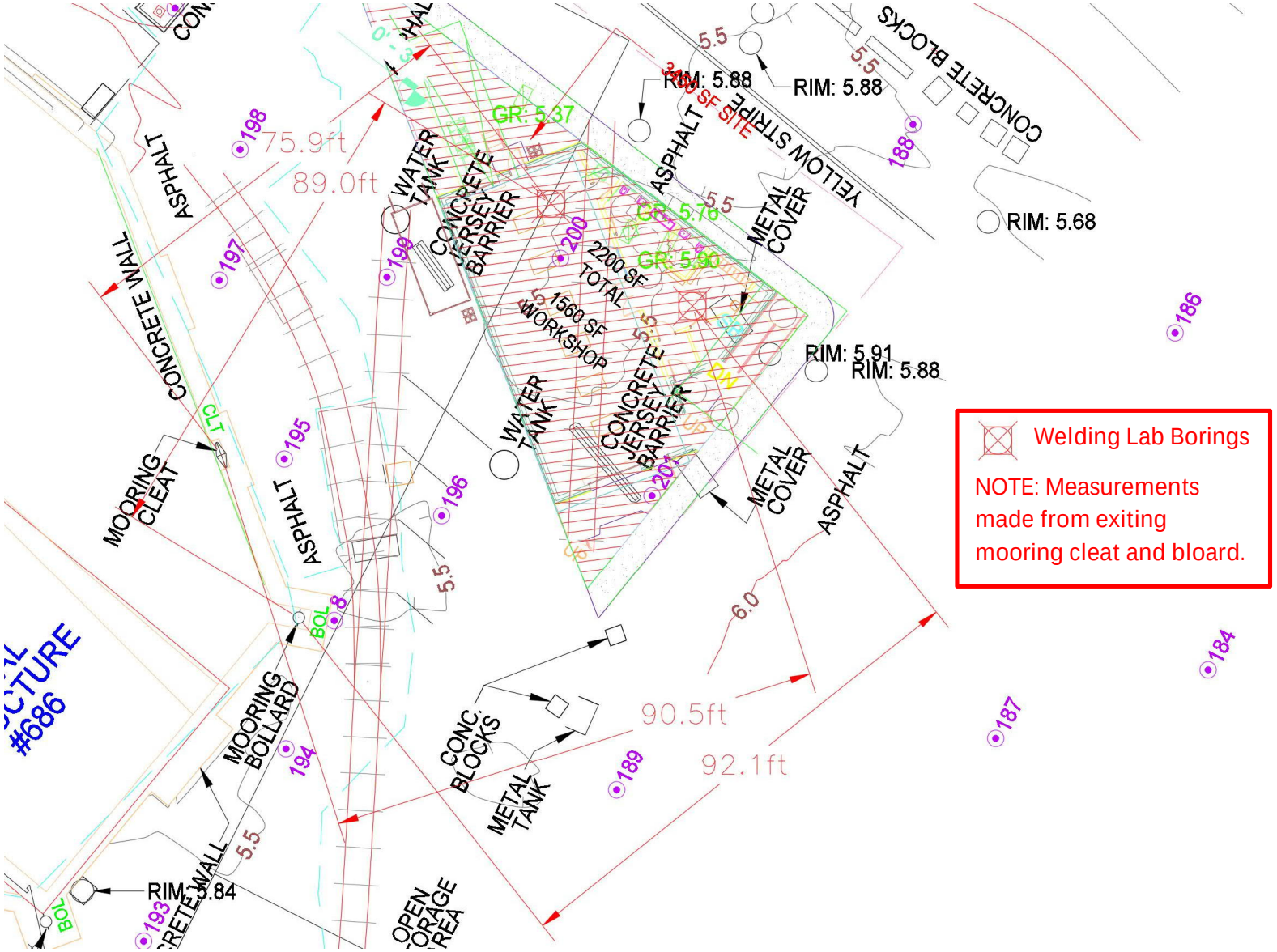
Subject	**Geotechnical Investigations – Statement of Compliance with the Site Management Plan (SMP)**	**Project Name**	STEAM Center – Welding Shop
Attention	Emily Rubenstein	**Project No.**	PEADPC Project # 71621 Jacobs Project # EBXF2600
From	Rolando Pereiras		
Date	January 19th, 2022		
Copies to	Brian Craine		

As part of the subject project a subsurface investigation is to be performed via two borings within the perimeter of the planned building (Welding Shop). Jacobs will provide geotechnical and environmental services via two subconsultants: (1) Warren George Inc. (Geotechnical) and (2) Matrix New World Engineering (Environmental). The geotechnical subconsultant will perform the borings and the environmental subconsultant will perform testing on soil samples taken at the site.

May this memo serve as a confirmation that Jacobs and its subconsultants will comply with Appendix F of the Site Management Plan (SMP) containing the approved site Health and Safety Plan, including the Excavations Work Plan and Title 29 of the Code of Federal Regulations Part 1910.120, as noted in the SMP. The subconsultants will submit to Jacobs a Health and Safety Plan to be reviewed and approved before the commencement of any work activities. The subconsultants will comply with the Qualified Environmental Professional (QEP) and any warnings as part of the air monitoring on site following the Community Air Monitoring Plan (CAMP), both provided by BNYDC.

Rolando Pereiras, Project Manager


Welding Lab Borings
NOTE: Measurements made from exiting mooring cleat and bloard.
RIM: 5.88
RIM: 5.88
RIM: 5.68
RIM: 5.91
RIM: 5.88
RIM: 5.84
GR: 5.37
GR: 5.76
GR: 5.90
2200 SF TOTAL
1560 SF WORKSHOP
75.9ft
89.0ft
90.5ft
92.1ft
ASPHALT
CONCRETE WALL
MOORING CLEAT
MOORING BOLLARD
WATER TANK
CONCRETE JERSEY BARRIER
METAL COVER
YELLOW STRIPE
CONCRETE BLOCKS
CONC. BLOCKS
METAL TANK
OPEN STORAGE AREA
CLT
BOL
198
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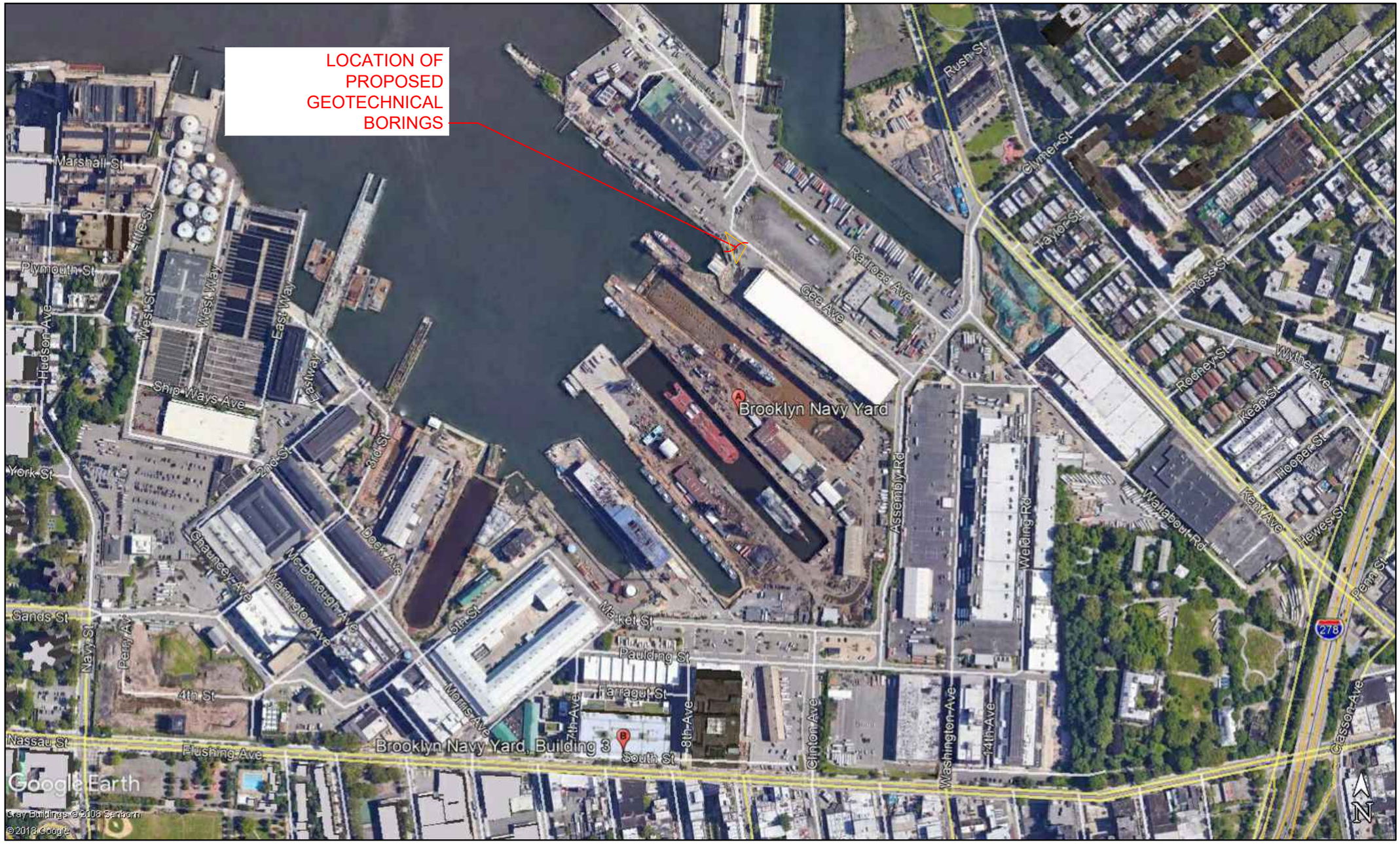
BROOKLYN NAVY YARD INDUSTRIAL PARK:
PROPOSED WELDING LAB - GEOTECHNICAL BORINGS



63 FLUSHING AVENUE, BROOKLYN, NY 11205

CORE ENVIRONMENTAL CONSULTANTS
22-48 119th Street, College Point, NY 11356 • Phone: 718.786.4730 • Fax: 718.786.4764
2312 Wehrle Dr., Buffalo, NY 14221 • Phone: 716-204-8054 • Fax 716-204-8557

March 3, 2022

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
Berth 9, 10, 11, Small Boat Basin – Geotechnical Borings

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system adjacent to Berth 9, 10, 11, and the Small Boat Basin at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Berth 9, 10, 11, and the Small Boat Basin

Scope: The work consists of 11 SPT borings at Berth 9 and 14 SPT borings at Berth 10, 11, and Small Boat Basin. Soils samples will be collected for the determination of geotechnical parameters. These are required for the design of the reconstruction of the above-mentioned berths. These 25 total borings will be advanced 10 ft into rock. Borings will be advanced via mud rotary drilling with a self-contained recirculating system. See the attached plans for the location of the borings.

All work will be completed in accordance with the NYSDEC approved Site Management Plan and Excavation Work Plan. All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. A Qualified Environmental Professional will be on-site and community air monitoring will be performed. The cover system will be restored after completion of the steam line repairs.

Schedule: The schedule for the geotechnical and environmental borings is to begin the week of March 28, 2022 and will be completed in 20 days.

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch, Senior Project Manager

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May 4, 2022

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
Trench Excavation – Building 127 Substation

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system adjacent to Building 127 at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Building 127 Substation (see attached Location figures)

Scope: The trench excavation, duct bank and manhole installation work to be completed at the Site is part of a construction contract between TAP Electric and BNYDC for the Restoration of Substation at Building 127. The purpose of the contract work is to repair damages from Hurricane Sandy and mitigate against future flood related losses at the Building 127 utility substation. The trench excavation, duct bank and manhole installation are necessary to bring a new electrical service to the new substation in Building 127.

The trench excavation, duct bank and manhole installation described herein is to start from an existing manhole outside Building 20, cross Morris Avenue to the sidewalk outside of Building 127 and continue along the sidewalk adjacent to Morris Avenue and terminate in a new manhole to be installed outside of Building 127.

The work includes demolition of the street cover across Morris Avenue and the concrete sidewalk and installation of a new manhole outside the northeast elevation of BNY Building 127. The trench shall be excavated to be approximately three feet wide and extend approximately 100 feet along Building 127. The maximum depth of the trench will be six feet below existing site grade. The estimated volume to be excavated during trench, duct bank and manhole completion is 73 cubic yards.

All work will be completed in accordance with the NYSDEC approved Site Management Plan and Excavation Work Plan. All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. CORE will provide a Qualified Environmental

CORE ENVIRONMENTAL CONSULTANTS
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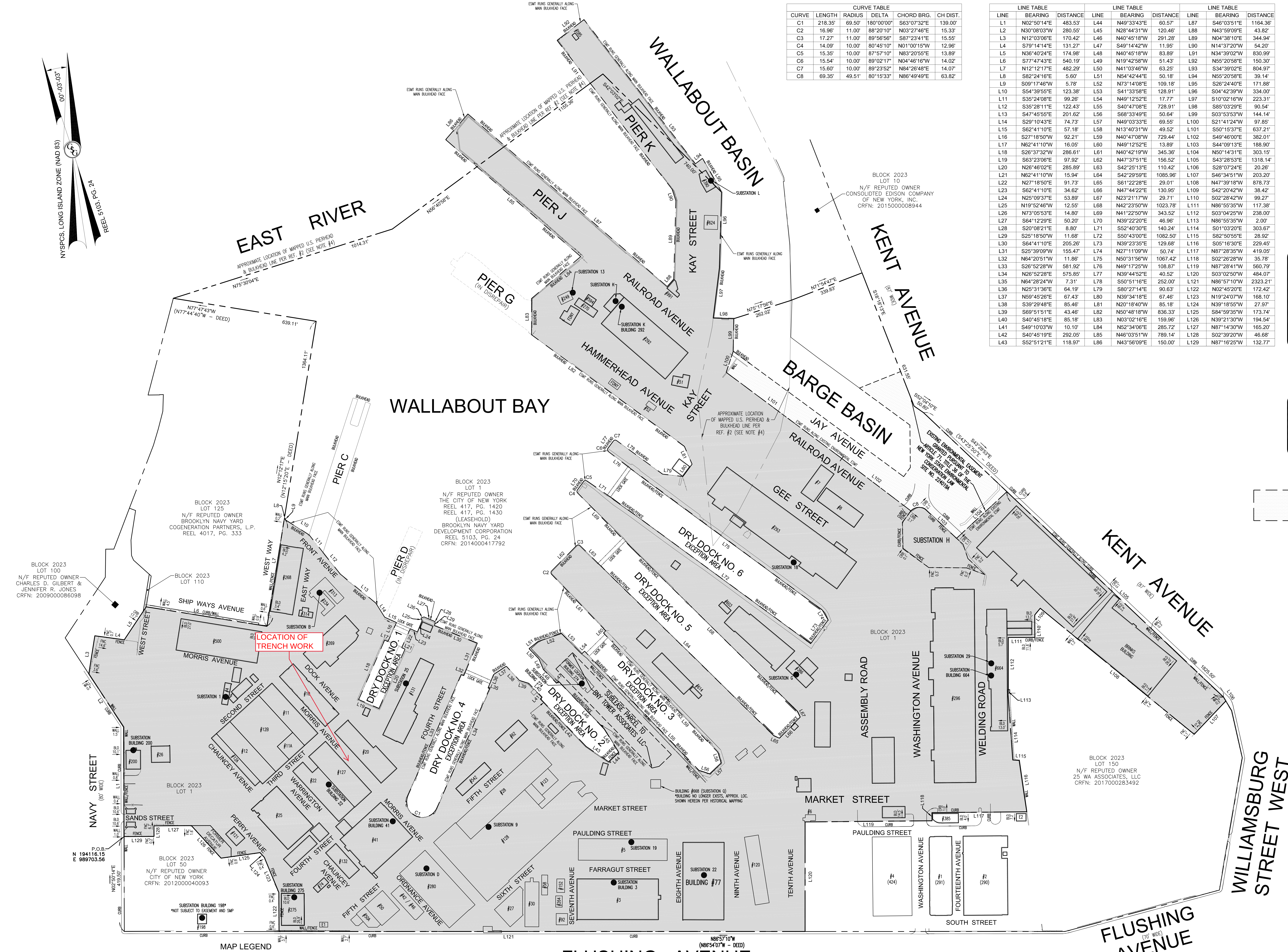
Professional on-site and community air monitoring will be performed. The cover system will be restored after completion of the steam line repairs.

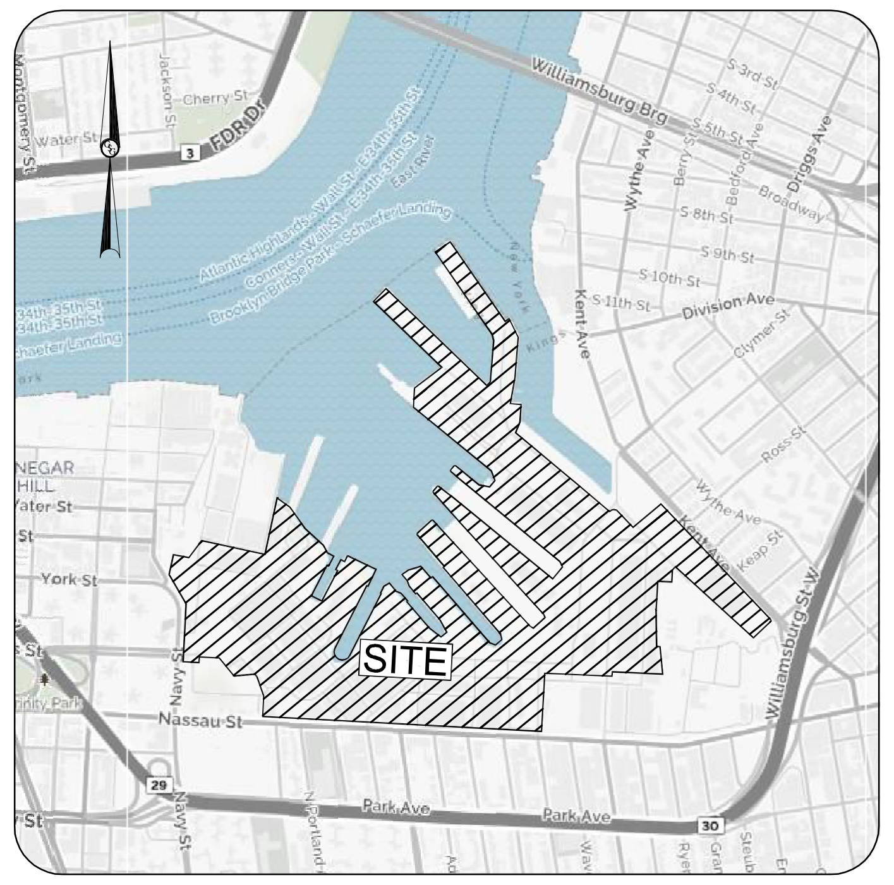
Schedule: Work is anticipated to begin May 11, 2022 if this Minor Disturbance Notification is approved.

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch, Senior Project Manager





VICINITY MAP

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD BRG.	CH DIST.
C1	218.35'	69.50'	180°00'00"	S63°07'32"E	139.00'
C2	16.96'	11.00'	88°20'10"	N03°27'46"E	15.33'
C3	17.27'	11.00'	89°56'56"	S87°23'41"E	15.55'
C4	14.09'	10.00'	80°45'10"	N01°00'15"W	12.96'
C5	15.35'	10.00'	87°57'10"	N83°20'55"E	13.89'
C6	15.54'	10.00'	89°02'17"	N04°46'16"W	14.02'
C7	15.60'	10.00'	89°23'52"	N84°26'48"E	14.07'
C8	69.35'	49.51'	80°15'33"	N86°49'49"E	63.82'

LINE TABLE			LINE TABLE			LINE TABLE		
LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	N02°50'14"E	483.53'	L44	N49°33'43"E	60.57'	L87	S46°03'51"E	1164.36'
L2	N30°08'03"W	280.55'	L45	N28°44'31"W	120.46'	L88	N43°59'09"E	43.82'
L3	N12°03'06"E	170.42'	L46	N40°45'18"W	291.28'	L89	N04°38'10"E	344.94'
L4	S79°14'14"E	131.27'	L47	S49°14'42"W	11.95'	L90	N14°37'20"W	54.20'
L5	N36°40'24"E	174.98'	L48	N40°45'18"W	83.89'	L91	N34°39'02"W	830.99'
L6	S77°47'43"E	540.19'	L49	N19°42'58"W	51.43'	L92	N55°20'58"E	150.30'
L7	N12°12'17"E	482.29'	L50	N41°03'46"W	63.25'	L93	S34°39'02"E	804.97'
L8	S82°24'16"E	5.60'	L51	N54°42'44"E	50.18'	L94	N55°20'58"E	39.14'
L9	S09°17'46"W	5.78'	L52	N73°14'08"E	109.18'	L95	S26°24'40"E	171.88'
L10	S54°39'55"E	123.38'	L53	S41°33'58"E	128.91'	L96	S04°42'39"W	334.00'
L11	S35°24'08"E	99.26'	L54	N49°12'52"E	17.77'	L97	S10°02'16"W	223.31'
L12	S35°28'11"E	122.43'	L55	S40°47'08"E	728.91'	L98	S85°03'29"E	90.54'
L13	S47°45'55"E	201.62'	L56	S68°33'49"E	50.64'	L99	S03°53'53"W	144.14'
L14	S29°10'43"E	74.73'	L57	N49°03'33"E	69.55'	L100	S21°41'24"W	97.85'
L15	S62°41'10"E	57.18'	L58	N13°40'31"W	49.52'	L101	S50°15'37"E	637.21'
L16	S27°18'50"W	92.21'	L59	N40°47'08"W	729.44'	L102	S49°46'00"E	382.01'
L17	N62°41'10"W	16.05'	L60	N49°12'52"E	13.89'	L103	S44°09'13"E	188.90'
L18	S26°37'32"W	286.61'	L61	N40°42'19"W	345.36'	L104	N50°14'31"E	303.15'
L19	S63°23'06"E	97.92'	L62	N47°37'51"E	156.52'	L105	S43°28'53"E	1318.14'
L20	N26°46'02"E	285.89'	L63	S42°25'13"E	110.42'	L106	S28°07'24"E	20.26'
L21	N62°41'10"W	15.94'	L64	S42°29'59"E	1085.96'	L107	S46°34'51"W	203.20'
L22	N27°18'50"E	91.73'	L65	S61°22'28"E	29.01'	L108	N47°39'18"W	878.73'
L23	S62°41'10"E	34.62'	L66	N47°44'22"E	130.95'	L109	S42°20'42"W	38.42'
L24	N25°09'37"E	53.89'	L67	N23°21'17"W	29.71'	L110	S02°28'42"W	99.27'
L25	N19°52'46"W	12.55'	L68	N42°23'50"W	1023.78'	L111	N86°55'35"W	117.38'
L26	N73°05'53"E	14.80'	L69	N41°22'50"W	343.52'	L112	S03°04'25"W	238.00'
L27	S64°12'29"E	50.20'	L70	N39°22'20"E	46.96'	L113	N86°55'35"W	2.00'
L28	S20°08'21"E	8.80'	L71	S52°40'30"E	140.24'	L114	S01°03'20"E	303.67'
L29	S25°18'50"W	11.68'	L72	S50°43'00"E	1082.50'	L115	S82°50'55"E	28.92'
L30	S64°41'10"E	205.26'	L73	N39°23'35"E	129.68'	L116	S05°16'30"E	229.45'
L31	S25°39'09"W	155.47'	L74	N27°11'09"W	50.74'	L117	N87°28'35"W	419.05'
L32	N64°20'51"W	11.86'	L75	N50°31'56"W	1067.42'	L118	S02°26'28"W	35.78'
L33	S26°52'28"W	581.92'	L76	N49°17'25"W	108.87'	L119	N87°28'41"W	560.79'
L34	N26°52'28"E	575.85'	L77	N39°44'52"E	40.52'	L120	S03°02'50"W	484.07'
L35	N64°28'24"W	7.31'	L78	S50°51'16"E	252.00'	L121	N86°57'10"W	2323.21'
L36	N25°31'36"E	64.19'	L79	S80°27'14"E	90.63'	L122	N02°45'20"E	172.42'
L37	N59°45'26"E	67.43'	L80	N39°34'18"E	67.46'	L123	N19°24'07"W	168.10'
L38	S39°29'48"E	85.46'	L81	N20°18'40"W	85.18'	L124	N39°18'55"W	27.97'
L39	S69°51'51"E	43.46'	L82	N50°48'18"W	836.33'	L125	S84°59'35"W	173.74'
L40	S40°45'18"E	85.18'	L83	N03°02'16"E	159.96'	L126	N39°21'30"W	194.54'
L41	S49°10'03"W	10.10'	L84	N52°34'06"E	285.72'	L127	N87°14'30"W	165.20'
L42	S40°45'19"E	292.05'	L85	N46°03'51"W	789.14'	L128	S02°39'20"W	46.68'
L43	S52°51'21"E	118.97'	L86	N43°56'09"E	150.00'	L129	N87°16'25"W	132.77'

NOTES:

1. PROPERTY KNOWN AS PART OF LOT 1, IN BLOCK 2023 AS DESIGNATED ON THE NEW YORK CITY DIGITAL TAX MAP, HAVING AN EFFECTIVE DATE OF JANUARY 7, 2015.
2. AREA OF ENVIRONMENTAL EASEMENT: 6,520,927 S.F. OR 149.6999 AC.
3. LOCATIONS WERE LIMITED TO SUBSTANTIAL ON SITE BUILDINGS AND VISIBLE IMPROVEMENTS WITHIN FIVE FEET OF EACH SIDE OF THE PERIMETER OF THE PROPOSED ENVIRONMENTAL EASEMENT. NO OTHER SITE IMPROVEMENTS, INCLUDING UTILITIES, HAVE BEEN SHOWN.
4. THE MAPPED U.S. PIERHEAD LINE IS SHOWN APPROXIMATE PER REFERENCE NO. 2

REFERENCES:

1. SUBSTATION PLAN, BROOKLYN NAVY YARD DEVELOPMENT CORP., BROOKLYN NAVY YARD, BROOKLYN, NY 11205, PREPARED BY QUAY CONSULTING, LLC, DATED: NOVEMBER 12, 2009.
2. MAP OF PIERHEAD AND BULKHEAD LINES, EAST RIVER, NEW YORK, BATTERY TO E. 4TH ST., MANHATTAN, ATLANTIC AVE. TO N. 6TH ST., BROOKLYN, APPROVED BY THE SECRETARY OF WAR ON FEBRUARY 25, 1918.

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

No.	DESCRIPTION OF REVISION	DRAWN:	DATE
2	REVISE TO INCLUDE SELECT EXCEPTED AREAS	E.C.R.	10–01–21
1	REVISE PER CLIENT REQUEST	K.G.G.	06–12–18

ENVIRONMENTAL EASEMENT SURVEY

BROOKLYN NAVY YARD

PART OF LOT 1, BLOCK 2023
BOROUGH OF BROOKLYN
KINGS COUNTY
CITY AND STATE OF NEW YORK

GALLAS SURVEYING GROUP

2865 U.S. ROUTE 1
NORTH BRUNSWICK, NJ 08902
TELE: 732-422-6700
FAX: 732-940-8786
www.gallassurvey.com

DATE 03-14-2018	SCALE 1"=200'	DRAWN: E.C.R.	CHECKED: G.S.G.
FIELD DATE FEB. 2018	FIELD BOOK	PAGE	FIELD CREW M.S./K.S.
FILE NO.: G16214		DRAWING NAME/SHEET NO. G16214-ENV ESMT.DWG 1 OF 1	

NOT VALID UNLESS EMBOSSED WITH RAISED IMPRESSION OR BLUE INK SEAL

STATE OF NEW YORK
GREGORY S. GALLAS
LICENSED LAND SURVEYOR
No. 050124

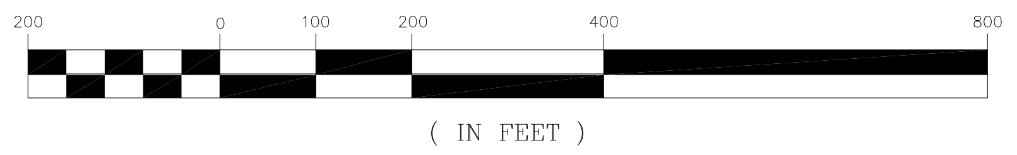
10-01-2021
DATE

GREGORY S. GALLAS
NEW YORK PROFESSIONAL LAND SURVEYOR #050124

MAP LEGEND

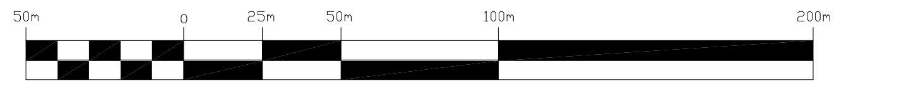
── ─ ─ ──	PROPERTY LINE
─ · ─ · ─	ENVIRONMENTAL EASEMENT LINE
╱╱╱╱	BUILDING FOOTPRINT AT GROUND LEVEL
▨	PROPOSED ENVIRONMENTAL EASEMENT AREA
●	APPROX. LOC. OF SUBSTATION PER REF. #2
#198	BUILDING NUMBER
⬚	EXISTING ENVIRONMENTAL EASEMENT AREA SITE NO. 224019A
1.0' ←	DENOTES OFFSET OF STRUCTURE AT GROUND LEVEL RELATIVE TO PROPERTY LINE
BLD	BUILDING
CRB	CURB
FNC	FENCE

GRAPHIC SCALE



(IN FEET)
1 inch = 200 ft.

GRAPHIC SCALE



(IN METERS)

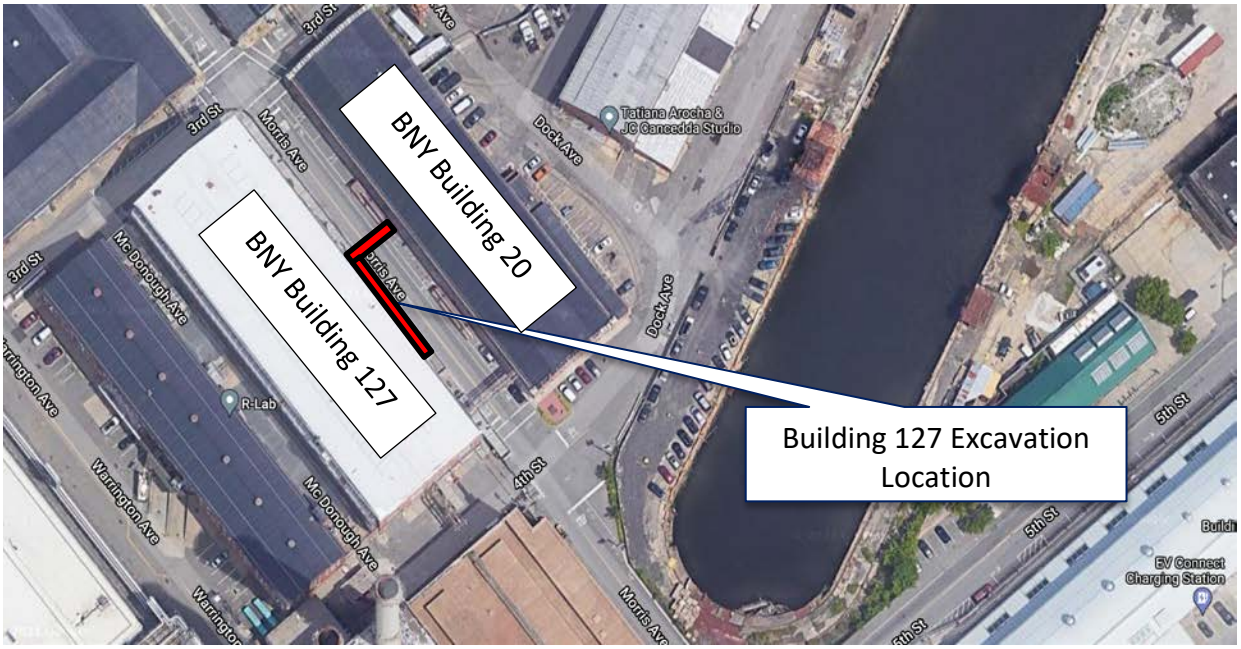


Figure 1: Aerial view of BNY Buildings 20 and 127 with excavation location

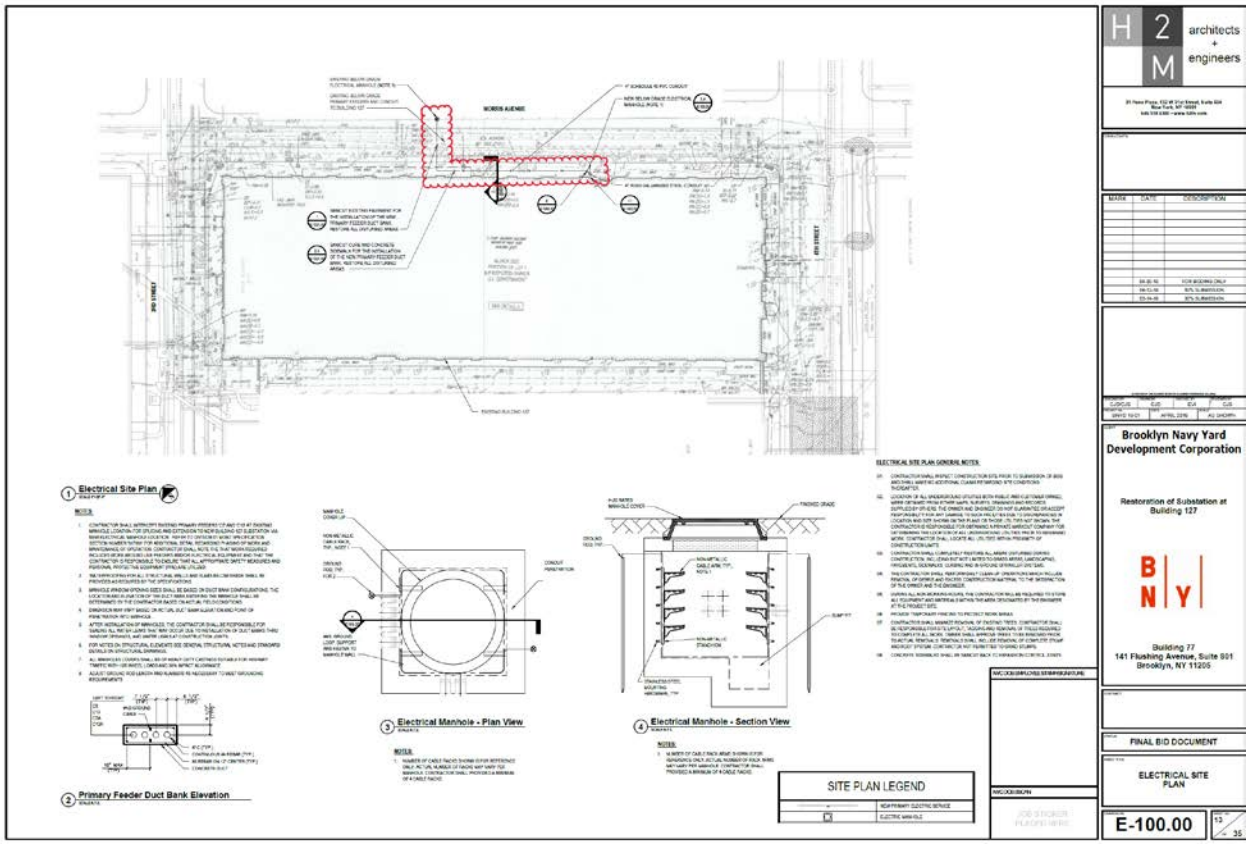


Figure 2: Electrical Site Plan E-100.00 with excavation location

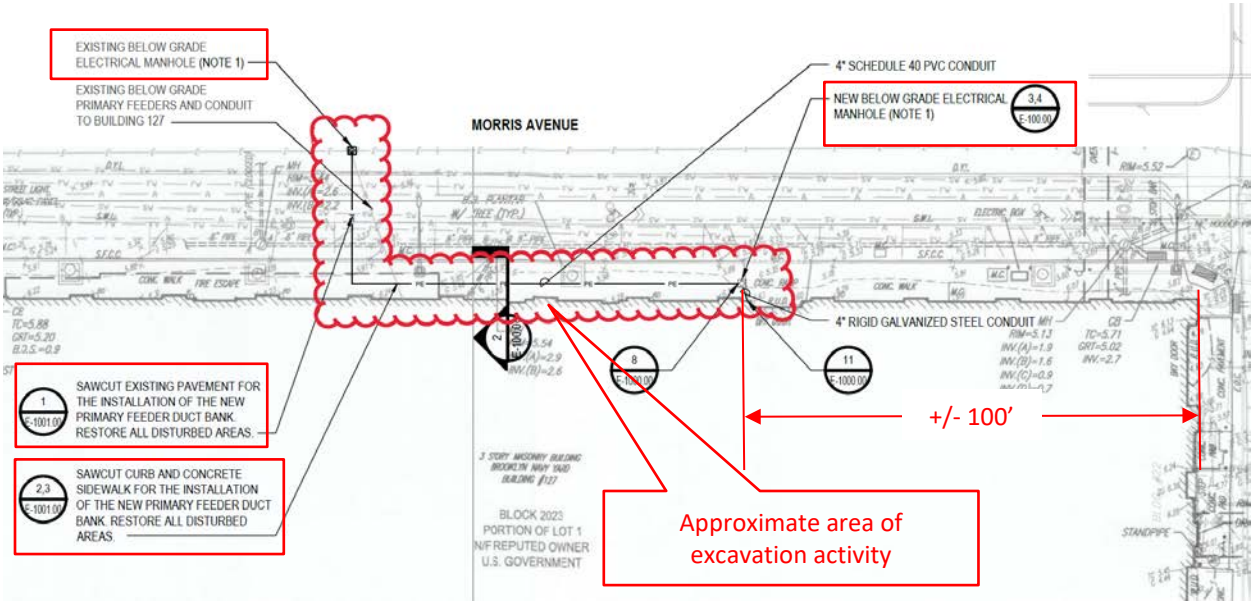


Figure 3: Section of Drawing E100.00 showing details of trench and manhole installation.

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2312 Wehrle Dr., Buffalo, NY 14221 • Phone: 716-204-8054 • Fax 716-204-8557

May 9, 2022

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
Parking Lot – Building 5

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system adjacent to Building 5 at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Building 5 Parking Lot (see attached Location figures)

Scope: City & County Paving Corporation has been contracted to install new steel faced curb, pedestrian sidewalks, and asphalt paving, at the building #5 parking lot inside the Brooklyn Navy Yard. The work will include saw-cutting, excavating pavement (9"), excavation of 3" of existing soil, steel faced curb installation, backfilling curb with the excavated soil, concrete sidewalk, milling of pavement, as well as the installation of new concrete road base and asphalt top course. Once the pavements are removed, we will excavate an additional 9" for a total depth of approximately 12". The excavated soils quantity is approximately 6cy. This material will remain on-site as fill between the new curbs and under the proposed concrete sidewalk. The subbase materials required under the concrete sidewalk will be RCA. The installation of concrete road-base at the curb line will commence immediately following the sidewalk installation. The remaining scope consist of milling and paving asphalt, line striping, and the surface mounted bike racks.

All work will be completed in accordance with the NYSDEC approved Site Management Plan and Excavation Work Plan. All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. CORE will provide a Qualified Environmental Professional on-site and community air monitoring will be performed. The cover system will be restored after completion of the steam line repairs. The contractors excavation work plan is attached.

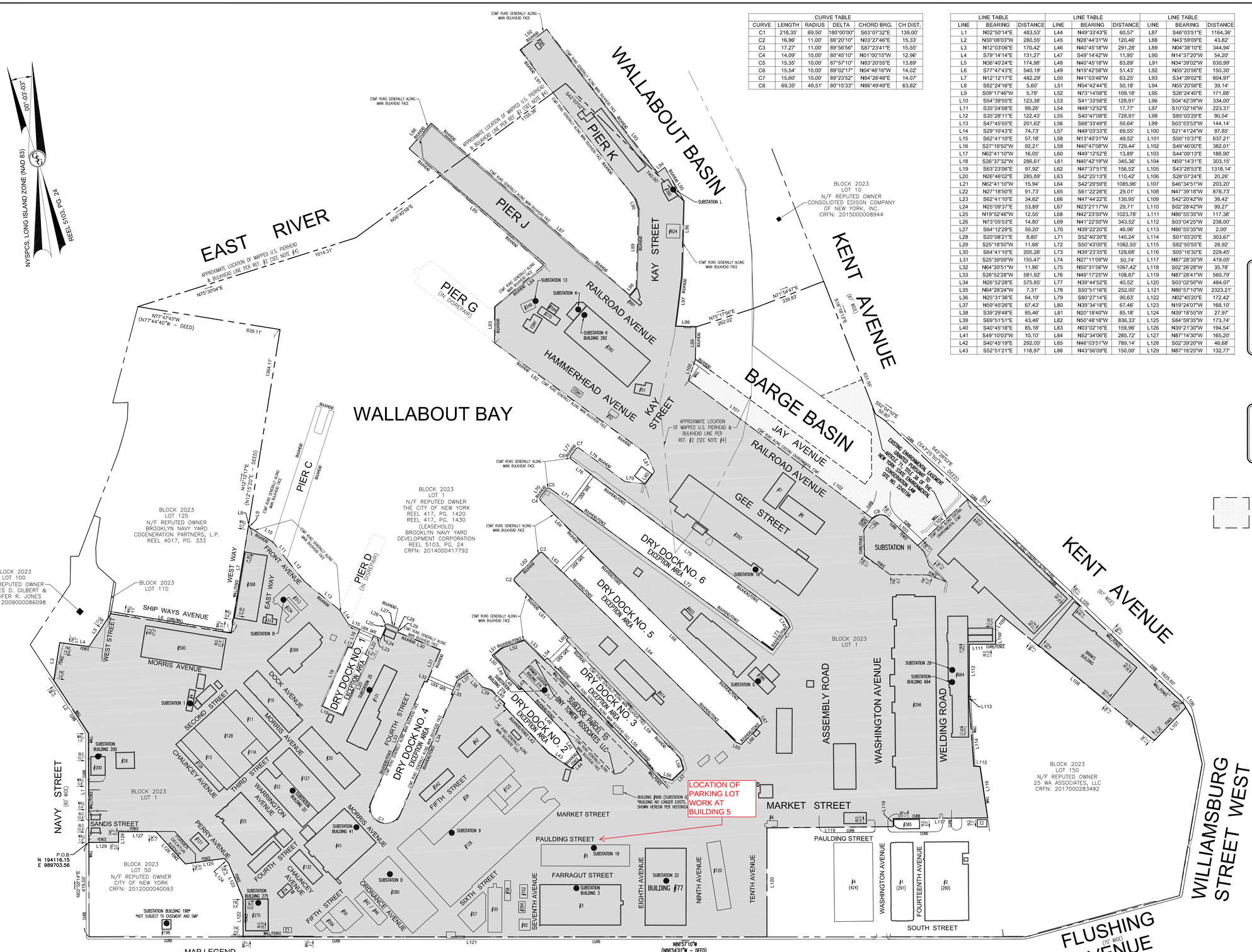
Schedule: Work is to begin after NYSDEC notification and to last three weeks.

CORE ENVIRONMENTAL CONSULTANTS
22-48 119th Street, College Point, NY 11356 ◆ Phone: 718.786.4730 ◆ Fax: 718.786.4764
2312 Wehrle Dr., Buffalo, NY 14221 ◆ Phone: 716-204-8054 ◆ Fax 716-204-8557

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch, Senior Project Manager



CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD BRG.	CH DIST.
C1	218.35'	69.50'	180°00'00"	S63°07'32"E	139.00'
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C4	14.09'	10.00'	80°45'10"	N01°00'15"W	12.96'
C5	15.35'	10.00'	87°57'10"	N83°20'55"E	13.89'
C6	15.54'	10.00'	89°02'17"	N04°46'16"W	14.02'
C7	15.60'	10.00'	89°23'52"	N84°26'48"E	14.07'
C8	69.35'	49.51'	80°15'33"	N86°49'49"E	63.82'

LINE TABLE			LINE TABLE			LINE TABLE		
LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	N02°50'14"E	483.53'	L44	N49°33'43"E	60.57'	L87	S46°03'51"E	1164.36'
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L3	N12°03'06"E	170.42'	L46	N40°45'18"W	291.28'	L89	N04°38'10"E	344.94'
L4	S79°14'14"E	131.27'	L47	S49°14'42"W	11.95'	L90	N14°37'20"W	54.20'
L5	N36°40'24"E	174.98'	L48	N40°45'18"W	83.89'	L91	N34°39'02"W	830.99'
L6	S77°47'43"E	540.19'	L49	N19°42'58"W	51.43'	L92	N55°20'58"E	150.30'
L7	N12°12'17"E	482.29'	L50	N41°03'46"W	63.25'	L93	S34°39'02"E	804.97'
L8	S82°24'16"E	5.60'	L51	N54°42'44"E	50.18'	L94	N55°20'58"E	39.14'
L9	S09°17'46"W	5.78'	L52	N73°14'08"E	109.18'	L95	S26°24'40"E	171.88'
L10	S54°39'55"E	123.38'	L53	S41°33'58"E	128.91'	L96	S04°42'39"W	334.00'
L11	S35°24'08"E	99.26'	L54	N49°12'52"E	17.77'	L97	S10°02'16"W	223.31'
L12	S35°28'11"E	122.43'	L55	S40°47'08"E	728.91'	L98	S85°03'29"E	90.54'
L13	S47°45'55"E	201.62'	L56	S68°33'49"E	50.64'	L99	S03°53'53"W	144.14'
L14	S29°10'43"E	74.73'	L57	N49°03'33"E	69.55'	L100	S21°41'24"W	97.85'
L15	S62°41'10"E	57.18'	L58	N13°40'31"W	49.52'	L101	S50°15'37"E	637.21'
L16	S27°18'50"W	92.21'	L59	N40°47'08"W	729.44'	L102	S49°46'00"E	382.01'
L17	N62°41'10"W	16.05'	L60	N49°12'52"E	13.89'	L103	S44°09'13"E	188.90'
L18	S26°37'32"W	286.61'	L61	N40°42'19"W	345.36'	L104	N50°14'31"E	303.15'
L19	S63°23'06"E	97.92'	L62	N47°37'51"E	156.52'	L105	S43°28'53"E	1318.14'
L20	N26°46'02"E	285.89'	L63	S42°25'13"E	110.42'	L106	S28°07'24"E	20.26'
L21	N62°41'10"W	15.94'	L64	S42°29'59"E	1085.96'	L107	S46°34'51"W	203.20'
L22	N27°18'50"E	91.73'	L65	S61°22'28"E	29.01'	L108	N47°39'18"W	878.73'
L23	S62°41'10"E	34.62'	L66	N47°44'22"E	130.95'	L109	S42°20'42"W	38.42'
L24	N25°09'37"E	53.89'	L67	N23°21'17"W	29.71'	L110	S02°28'42"W	99.27'
L25	N19°52'46"W	12.55'	L68	N42°23'50"W	1023.78'	L111	N86°55'35"W	117.38'
L26	N73°05'53"E	14.80'	L69	N41°22'50"W	343.52'	L112	S03°04'25"W	238.00'
L27	S64°12'29"E	50.20'	L70	N39°22'20"E	46.96'	L113	N86°55'35"W	2.00'
L28	S20°08'21"E	8.80'	L71	S52°40'30"E	140.24'	L114	S01°03'20"E	303.67'
L29	S25°18'50"W	11.68'	L72	S50°43'00"E	1082.50'	L115	S82°50'55"E	28.92'
L30	S64°41'10"E	205.26'	L73	N39°23'35"E	129.68'	L116	S05°16'30"E	229.45'
L31	S25°39'09"W	155.47'	L74	N27°11'09"W	50.74'	L117	N87°28'35"W	419.05'
L32	N64°20'51"W	11.86'	L75	N50°31'56"W	1067.42'	L118	S02°26'28"W	35.76'
L33	S26°52'28"W	581.92'	L76	N49°17'25"W	108.87'	L119	N87°28'41"W	560.79'
L34	N26°52'28"E	575.85'	L77	N39°44'52"E	40.52'	L120	S03°02'50"W	484.07'
L35	N64°28'24"W	7.31'	L78	S50°51'16"E	252.00'	L121	N86°57'10"W	2323.21'
L36	N25°31'36"E	64.19'	L79	S80°27'14"E	90.63'	L122	N02°45'20"E	172.42'
L37	N59°45'26"E	67.43'	L80	N39°34'18"E	67.46'	L123	N19°24'07"W	168.10'
L38	S39°29'48"E	85.46'	L81	N20°18'40"W	85.18'	L124	N39°18'55"W	27.97'
L39	S69°51'51"E	43.46'	L82	N50°48'18"W	836.33'	L125	S84°59'35"W	173.74'
L40	S40°45'18"E	85.18'	L83	N03°02'16"E	159.96'	L126	N39°21'30"W	194.54'
L41	S49°10'03"W	10.10'	L84	N52°34'06"E	285.72'	L127	N87°14'30"W	165.20'
L42	S40°45'19"E	292.05'	L85	N46°03'51"W	789.14'	L128	S02°39'20"W	46.68'
L43	S52°51'21"E	118.97'	L86	N43°56'09"E	150.00'	L129	N87°16'25"W	132.77'

NOTES:

1. PROPERTY KNOWN AS PART OF LOT 1, IN BLOCK 2023 AS DESIGNATED ON THE NEW YORK CITY DIGITAL TAX MAP, HAVING AN EFFECTIVE DATE OF JANUARY 7, 2015.
2. AREA OF ENVIRONMENTAL EASEMENT: 6,520,927 S.F. OR 149.6999 AC.
3. LOCATIONS WERE LIMITED TO SUBSTANTIAL ON SITE BUILDINGS AND VISIBLE IMPROVEMENTS WITHIN FIVE FEET OF EACH SIDE OF THE PERIMETER OF THE PROPOSED ENVIRONMENTAL EASEMENT, NO OTHER SITE IMPROVEMENTS, INCLUDING UTILITIES, HAVE BEEN SHOWN.
4. THE MAPPED U.S. PIERHEAD LINE IS SHOWN APPROXIMATE PER REFERENCE NO. 2

REFERENCES:

1. SUBSTATION PLAN, BROOKLYN NAVY YARD DEVELOPMENT CORP., BROOKLYN NAVY YARD, BROOKLYN, NY 11205, PREPARED BY QUAY CONSULTING, LLC, DATED: NOVEMBER 12, 2009.
2. MAP OF PIERHEAD AND BULKHEAD LINES, EAST RIVER, NEW YORK, BATTERY TO E. 4TH ST., MANHATTAN, ATLANTIC AVE. TO N. 6TH ST., BROOKLYN, APPROVED BY THE SECRETARY OF WAR ON FEBRUARY 25, 1918.

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

MAP LEGEND

- PROPERTY LINE
- ENVIRONMENTAL EASEMENT LINE
- BUILDING FOOTPRINT AT GROUND LEVEL
- PROPOSED ENVIRONMENTAL EASEMENT AREA
- APPROX. LOC. OF SUBSTATION PER REF. #2
- #198 BUILDING NUMBER
- EXISTING ENVIRONMENTAL EASEMENT AREA SITE NO. 224019A
- 1.0' DENOTES OFFSET OF STRUCTURE AT GROUND LEVEL RELATIVE TO PROPERTY LINE
- BLD BUILDING
- CRB CURB
- FNC FENCE

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

GRAPHIC SCALE

50m 0 25m 50m 100m 200m

(IN METERS)

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

No.	DESCRIPTION OF REVISION	DRAWN:	DATE
2	REVISE TO INCLUDE SELECT EXCEPTED AREAS	E.C.R.	10-01-21
1	REVISE PER CLIENT REQUEST	K.G.G.	06-12-18

ENVIRONMENTAL EASEMENT SURVEY

BROOKLYN NAVY YARD

PART OF LOT 1, BLOCK 2023
BOROUGH OF BROOKLYN
KINGS COUNTY
CITY AND STATE OF NEW YORK

GALLAS SURVEYING GROUP
2865 U.S. ROUTE 1
NORTH BRUNSWICK, NJ 08902
TELE: 732-422-6700
FAX: 732-940-8786
www.gallassurvey.com

DATE	SCALE	DRAWN:	CHECKED:
03-14-2018	1"=200'	E.C.R.	G.S.G.
FIELD DATE	FIELD BOOK	PAGE	FIELD CREW
FEB. 2018			M.S./K.S.
FILE NO.: G16214		DRAWING NAME/SHEET NO.	G16214-ENV ESMT.DWG 1 OF 1

NOT VALID UNLESS EMBOSSED WITH LICENSEE'S SEAL OR BLUE INK SEAL

GREGORY S. GALLAS
NEW YORK PROFESSIONAL LAND SURVEYOR #050124

10-01-2021
DATE

City & County Paving Corp.

Brooklyn Navy Yard Building #5 Parking Lot

EXCAVATION PLAN

Contract Number - 787

This document describes the scope of work required for the BNY Building #5 parking lot revisions.

Pre-task planning and hazard assessment will be performed on a task-by-task basis and done prior to the start of work.

UFPO Code 753 regulations will be adhered too.

Description of Work

City & County Paving Corporation has been contracted to install new steel faced curb, pedestrian sidewalks, and asphalt paving, at the building #5 parking lot inside the Brooklyn Navy Yard.

The work will include saw-cutting, excavating pavement (9")+-, excavation of 3" of existing soil, steel faced curb installation, backfilling curb with the excavated soil, concrete sidewalk, milling of pavement, as well as the installation of new concrete road base and asphalt top course.

Once the pavements are removed, we will excavate an additional " for a total depth of approximately 12". The excavated soils quantity is approximately

6cy. This material will remain on-site as fill between the new curbs and under the proposed concrete sidewalk. The subbase materials required under the concrete sidewalk will be RCA. The excavation, as detailed in the snapshot of the contract drawing below, will not intrude beyond the demarcation layer or soil cover. The excavation of impacted soils below the demarcation environmental control is not included this scope of work.

The installation of concrete road-base at the curb line will commence immediately following the sidewalk installation. The remaining scope consist of milling and paving asphalt, line striping, and the surface mounted bike racks.

Sequence of work is as follows.

1. Layout curbs and sidewalks
2. Sawcut pavements
3. Excavate and dispose of existing asphalt and concrete pavements
4. Excavate to bottom of curb subgrade approx. 6cy
5. Form and pour concrete steel faced curb
6. Backfill curb using excavated materials
7. Repour concrete road base
8. Milling of existing parking lot asphalt
9. Installation of new asphalt wearing course
10. Installation of 6 surface (concrete) bike racks
11. New pavement markings for the new parking layout

Concrete debris generated during removal operations will be disposed of at.

Allocco Recycling- 540 Kingsland Avenue, Brooklyn, New York 11222
info@alloccorecycling.com 718-349-3094

City & County Paving Corp.

Asphalt debris generated during removal operations will be disposed of at.

Green Asphalt Plant, 37-98 Railroad Ave Long Island City NY 11101

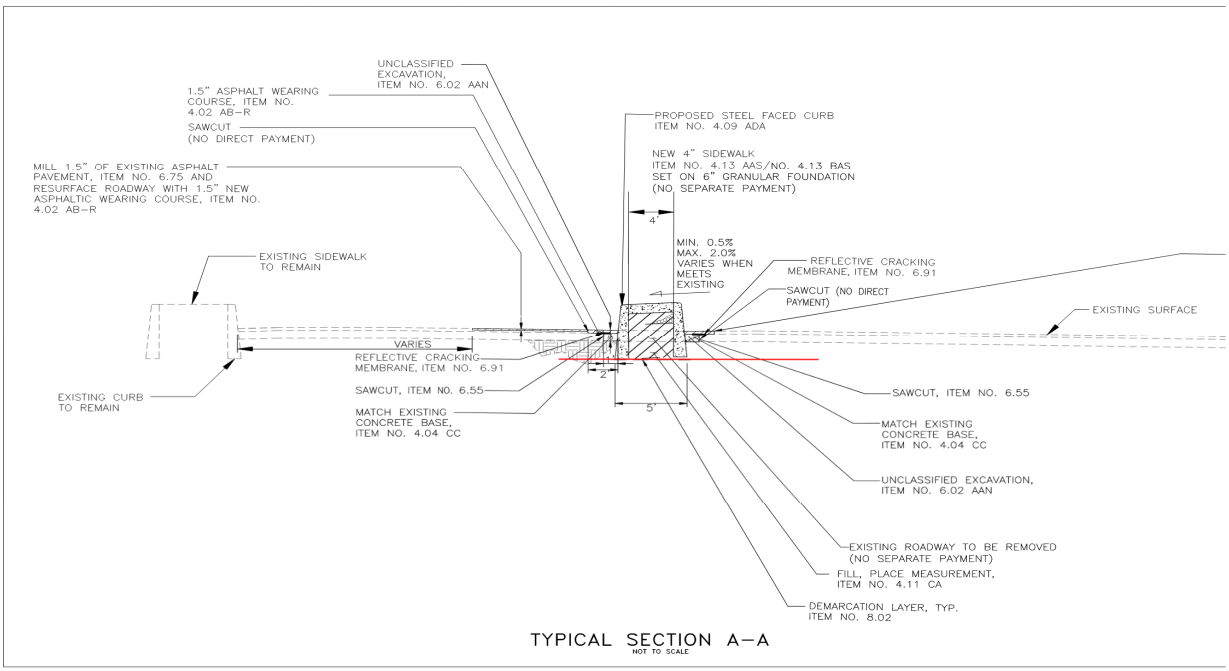
City & County Paving Corp. will perform all work in compliance with this EWP and Title 29 of the Code of Federal Regulations Part 1910.120 (29 CFR 1910.120)

City & County Paving Corp. will comply with the H&S plan contained in the SMP.

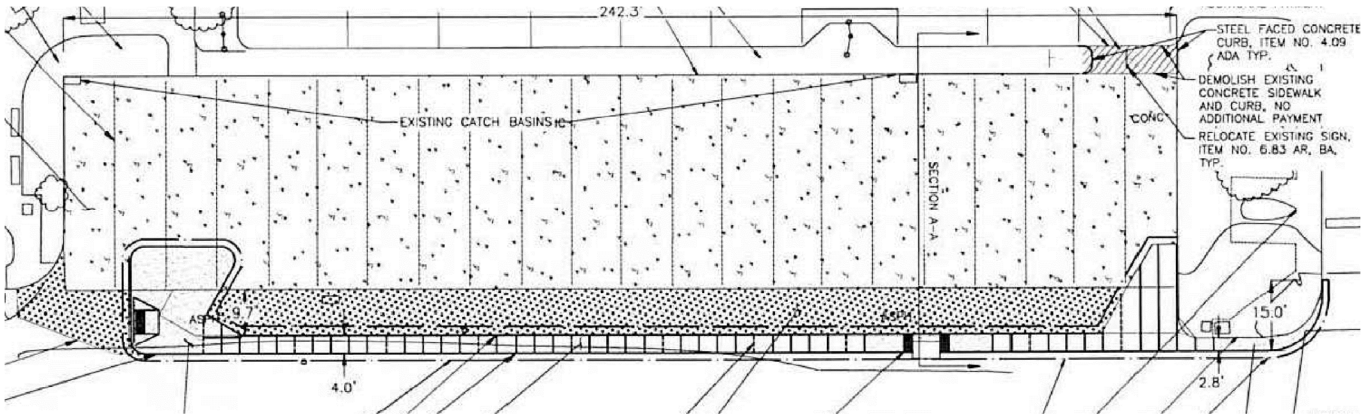
Attached to this plan are the contract drawings and arial view of the work site.

The section and plan below, show the layout, and width & depth of excavation for the new curb.

City & County Paving Corp.



The plan below shows the area impacted be construction for this project.



The attached schedule will be revised once the start date has been confirmed.

Respectfully submitted,

Robert Connors PM
City and County Paving Corp.
connors@cityandcountypaving.com

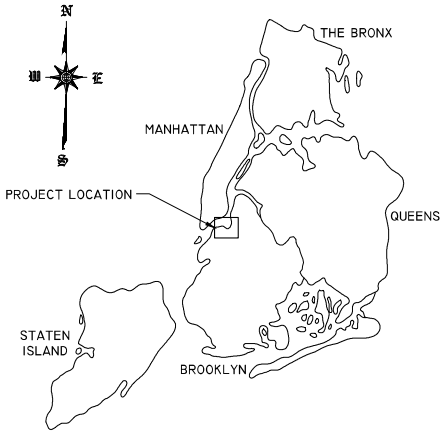

Work area
Building #5
Emphasit
The Galley Food Hall @ Dock 72
Dock 72
Brooklyn Clay Industries
Bednark Studio
5th St
Market St
Crye Precision
EV Connect Charging Station
URBAN-X
6th St
Paulding St
8th Ave
Building 5
Skiset
Brooklyn Navy Yard
Tip Top Props
Farragut St
7th Ave
Everyday Import & Export
Transmitter Brewing
Google Earth

Brooklyn NavyYard

CONTRACT No. xxxxxx

RECONSTRUCTION OF BUILDING 5 PARKING LOT

INCLUDING CURB AND SIDEWALK TOGETHER WITH ALL WORK INCIDENTAL THERETO



LOCATION PLAN
N.T.S.

PROJECT LIMITS

BID SET
JUNE 5, 2019

FINAL DESIGN PREPARED BY:

NV5
32 OLD SLIP
NEW YORK, NY, 10005

P.E. NO. DATE

CONTRACT No. xxxxx

CONSULTANT DESIGN

ABBREVIATIONS

ABANDONED	ABDN.
APARTMENT	APT.
ASPHALT	ASPH.
BASEMENT	BSMT.
BITUMINOUS	BIT.
BLOCK	BLK.
BLUESTONE	B.S.
BLUESTONE CURB	B.S.C.
BLUESTONE WALK	B.S.W.
BOTTOM OF CURB	B.C.
BRICK	BRK.
BUILDING	BLDG.
BUILT	BLT.
CAST IRON	C.I.
CENTER LINE	C.L.
CHAIN LINK FENCE	C.L.F.
CHAMBER	CH.
CLASS NUMBER	CL. #
COMBINED	COMB.
COMMERCIAL	COML.
CONCRETE	CONC.
CONCRETE CURB	C.C.
CONCRETE WALK	C.W.
DIAMETER	DIA.
DOWN	DN.
DRAWING	DWG.
DUCTILE IRON PIPE	D.I.P.
EDGE OF PAVEMENT	E.O.P.
EXISTING	EXIST.
EXTRA STRENGTH VITRIFIED PIPE	E.S.V.P.
FIRE ALARM	F.A.
FIRE DEPARTMENT	F.D.
FLAT TOP REINFORCED CONCRETE	F.T.R.C.
FRAME	FR.
GRANITE	GRAN.
GRANITE CURB	GRAN. C.
INTERCEPTOR	INT.
INVERT ELEVATION	INV. EL.
METAL PANEL FENCE	M.P.F.
IRON PICKET FENCE OR WROUGHT IRON FENCE	I.P.F.
IRREGULAR	IRR.
MANHOLE	MH
NOT IN CONTRACT	N.I.C.
NOT TO SCALE	N.T.S.
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION	NYSDEC
NEW YORK STATE DEPARTMENT OF HEALTH	NYSDOH
PAVEMENT	PVMT.
POINT OF CURVATURE	P.C.
POINT OF INTERSECTION	P.I.
POINT OF TANGENCY	P.T.
PRECAST REINFORCED CONCRETE	P.R.C.
QUALIFIED ENVIRONMENTAL PROFESSIONAL	QEP
RADIUS	R
REINFORCED CONCRETE PIPE	R.C.P.
RIM ELEVATION	RIM EL
ROADWAY	RDWY.
SANITARY	SAN.
SEWER	SWR.
SIDEWALK	SWK.
SITE MANAGEMENT PLAN	SMP
STANDARD	STD.
STEAM	SM.
STEEL	STL.
STEEL FACED CONCRETE CURB	SFC
STONE	STN.
STORM	STM.
STORY	STY.
TOP OF CURB	T.C.
TRAFFIC SIGN	T.S.

ABBREVIATIONS

VACANT	VAC.
VOLUNTARY CLEANUP AGREEMENT	VCA
VITRIFIED CLAY PIPE	VCP
WORKING POINT	W.P.

LEGEND

	EXISTING	RECORD	PROPOSED
MANHOLES			
ELECTRIC	(E)	[E]	
TELEPHONE	(T)		
GAS	(G)		
WATER	(W)		
FIRE	(F)		
STEAM SEWER	(ST)		
SEWER (STORM, SANITARY OR COMBINED)	(S)		
UNIDENTIFIED MANHOLE (NO RECORD AVAILABLE)	(UM)		
HARDWARE RIM EL. & INV. EL. (SEWER, ETC.)	(S) 61.23 INV.47.89		
BASINS			
CATCH BASIN WITH HOOD – TYPE 1			
SHALLOW CATCH BASIN			
EXISTING CATCH BASIN TO BE REMOVED			
INLET			
HYDRANTS			
HYDRANT			
SIAMESE CONNECTION			
STREET LIGHTING AND TRAFFIC SIGNALS			
WOOD UTILITY POLE			
STREET LIGHT (METAL POLE)			
FOUNDATION FOR STREET LIGHT			
VALVE BOXES			
GAS	□G		
WATER	□W		
STEAM	□St		
MISCELLANEOUS			
POST INDICATOR VALVE			
VAULT (SIDEWALK)			
STEAM TUNNEL EMERGENCY EXIT			
SURFACE WATER FLOW			
TRAFFIC DIRECTION			
AREA OF ADJUSTMENT			
LIMIT OF NEW PAVEMENT			
SIGN (GROUND MOUNTED)			
PEDESTRIAN RAMP			
CURB (CONCRETE UNLESS OTHERWISE INDICATED)			
CURB WITH DROP CURB (DRIVEWAY)			
EDGE OF PAVEMENT WITHOUT CURB			
PROPOSED CONSTRUCTION (TOP OF CURB) ELEVATION AND STATION			T.C. 13.8 STA. 26+33
NORTH ARROW			
BARRIERS			
RETAINING WALL (W/TYPE)			RW (CONC.)
RAILROAD/TROLLEY TRACK			

LEGEND

	EXISTING
FENCE (WITH HEIGHT AND TYPE)	
CHAIN LINK FENCE	6'
BOLLARD	
BUILDINGS	
HOUSE INFORMATION — HOUSE NUMBER, BLDG TYPE, FIRST FLOOR ELEV., (CE) CELLAR ENTR., (FF) FIRST FLOOR	292 2-STY.FR. ▼ 25.3 F.F.17.5
STAIRS OR STOOPS	
CANOPY	CANOPY
CONDUITS	
WATER MAIN (WITH SIZE – LESS THAN 20")	8"W
WATER MAIN (WITH SIZE – 20" AND GREATER)*	20"W
VALVE	
REDUCER	
CONNECTION	
CAP	
PLUG	
ROUNDABOUT	
STORM SEWER (WITH SIZE – LESS THAN 24")	15"STM.
STORM SEWER (WITH SIZE – 24" AND GREATER)*	24"STM.
SANITARY SEWER (WITH SIZE – LESS THAN 24")	15"SAN.
SANITARY SEWER (WITH SIZE – 24" AND GREATER)*	24"SAN.
COMBINED SEWER (WITH SIZE – LESS THAN 24")	15"COMB.
COMBINED (WITH SIZE – 24" AND GREATER)*	24"COMB.
CATCH BASIN CONNECTION	
GAS LINE (WITH SIZE)	4" G
STEAM (WITH SIZE)	16" ST
ELECTRIC	
TELEPHONE	
FIRE ALARM	
OVERHEAD (AERIAL) UTILITY LINE	A/E,T,F
SURVEY CONTROLS	
CONTROL SURVEY TRAVERSE	10+00 11+00
CENTER LINE BASE LINE	
SURVEY MONUMENT (CITY) – IDENTIFY BY TOPO NUMBER	BM#
BENCH MARK (LABEL)	BM#
LANDSCAPE	
EXISTING TREE (SIZE AS LABELED)	12"
EXISTING TREE TO REMAIN	
EXISTING TREE TO BE REMOVED	12"
NEW TREE TO BE PLANTED	
NEW SHRUB TO BE PLANTED	
NEW GROUND COVER TO BE PLANTED	

TABLE OF CONTENTS

LIST OF SPECIAL INSPECTIONS

1. SUBSURFACE CONDITIONS - FILL PLACEMENT & IN-PLACE DENSITY BC 1074.7.4, BC1074.7.3
2. FLOOD ZONE COMPLIANCE BC 1074.29, BC G105
3. CONCRETE - CAST- IN - PLACE BC 1704.4
4. MECHANICAL DEMOLITION BC 1704.20.4
5. CONCRETE DESIGN MIX BC 1905.3, 1913.5
6. CONCRETE SAMPLING AND TESTING BC 1905.6, BC 1913.10
7. FINAL 28-116,2,4,2., BC 110.5

TOPOGRAPHIC SURVEY PREPARED BY:
NV5 NV5|NEW YORK–ENGINEERS ARCHITECTS LANDSCAPE ARCHITECTS AND SURVEYORS
32 OLD SLIP 9401
New York, NY 10005
212-741-6050
www.nv5.com

BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

BUILDING 5 PARKING LOT

LEGEND, ABBREVIATIONS AND TABLE OF CONTENTS

PROJECT ID. Y28818–0000368.00 | SHEET 2 OF 10 | L1/L1

CONSULTANT DESIGN

1. GENERAL

1.01 VERTICAL DATUM IS REFERENCED TO BROOKLYN NAVY YARD CALCULATED AS BEING NAVD88.

1.02 EXISTING UNDERGROUND AND OVERHEAD UTILITIES AS SHOWN HERE HAVE BEEN DETERMINED BY STANDARD SURVEYING METHODS AND AVAILABLE RECORDS. NEITHER THE EXACT LOCATION NOR THE INFORMATION OF THESE EXISTING UTILITIES IS GUARANTEED TO BE COMPLETE OR CORRECT.

1.03 ALL COMMUNICATIONS AND COORDINATION MEETINGS RELATIVE TO THIS PROJECT BETWEEN THE CONTRACTOR AND ANY AGENCY, UTILITY COMPANY OR ORGANIZATION WILL BE CONDUCTED AND/OR APPROVED BY THE ENGINEER.

1.04 THE FOLLOWING SHALL PERTAIN TO ALL ITEMS HAVING BACKFILL: "THE BACKFILLING SHALL COMPLY WITH SUBSECTION 4.11.3 OF THE STANDARD SPECIFICATIONS, AND THE COST THEREOF SHALL BE DEEMED INCLUDED IN THE PRICES BID FOR ALL RELATED ITEMS."

1.05 AS A RESULT OF CURB RELOCATION WITHIN THE CONTRACT LIMITS, EXISTING STREET APPURTENANCES PROJECTING ABOVE PAVED SURFACES, SUCH AS HYDRANTS, LAMPPOSTS AND TRAFFIC SIGNAL POLES, BUS SHELTERS, ETC., WILL HAVE TO BE RELOCATED. NOT WITHSTANDING ANY CONSTRUCTION SEQUENCE AS DEFINED BY THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PLAN HIS CONSTRUCTION OPERATIONS TO INSURE THAT THESE APPURTENANCES ARE CONSTRUCTED OR RELOCATED IN CONJUNCTION WITH THE INSTALLATION OF THE NEW CURB.

IN PARTICULAR, IN THE EVENT THE SIDEWALK IS WIDENED, THE STREET APPURTENANCES SHALL BE MAINTAINED AT THEIR EXISTING LOCATION BEHIND THE EXISTING CURB UNTIL THE NEW SIDEWALK IS CONSTRUCTED. IF THE SIDEWALK IS NARROWED, THE STREET APPURTENANCES MUST BE MOVED TO THEIR NEW LOCATIONS BEHIND THE PROPOSED NEW CURB PRIOR TO REMOVAL OF THE EXISTING CURB.

SERVICES MUST BE MAINTAINED BY INSTALLING AND ENERGIZING NEW APPURTENANCES OR BY USING TEMPORARY APPURTENANCES, AS DIRECTED BY THE ENGINEER. UNLESS OTHERWISE PROVIDED FOR, ALL TEMPORARY APPURTENANCES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE BROOKLYN NAVY YARD DEVELOPMENT CORPORATION.

1.06 CONTRACTOR TO ALLOW CONTINUOUS ACCESS TO DRIVEWAYS THROUGHOUT WORK TO TAKE PLACE WITH THE FOLLOWING EXCEPTIONS

a. DRIVEWAYS CAN BE TEMPORARILY RESTRICTED FOR A 48 HOUR PERIOD ON ANY WEEKEND (SATURDAY AND SUNDAY). CONTRACTOR TO NOTIFY BNYDC 48 HOURS IN ADVANCE OF ANY PLANNED WEEKEND WITH RESTRICTED ACCESS.
b. DRIVEWAYS CAN BE TEMPORARILY RESTRICTED FOR A 24 HOUR PERIOD ON ANY WEEKDAY (MONDAY TO FRIDAY). LIMIT TO ONE DAY PER WEEK. CONTRACTOR TO NOTIFY BYNDC 48 HOURS IN ADVANCE OF ANY PLANNED WEEKDAY WITH RESTRICTED ACCESS.
c. RESTRICTED ACCESS TO TAKE PLACE ON EITHER A WEEKEND OR WEEKDAY OF ANY WEEK, NOT BOTH. DRIVEWAY ACCESS TO BE RESTRICTED FOR A MAXIMUM OF 48 HOURS IN ANY SEVEN (7) DAY PERIOD.

2. GRADING WORK

2.01 REMOVAL OF ALL SHRUBBERY, DEBRIS, FENCES, AND OTHER ELEMENTS FOUND ON AND WITHIN THE BROOKLYN NAVY YARDS RIGHT OF WAY WHICH INTERFERE WITH THE NEW WORK ARE DEEMED INCLUDED IN THE PRICES BID FOR ALL SCHEDULED ITEMS.

3. CURB WORK

3.01 CURBS AND DEPRESSED CURBS IN DRIVEWAYS ARE TO BE CONSTRUCTED WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

3.02 ALL NEW STEEL FACED CONCRETE CURB WITH RADIUS GREATER THAN 100 FEET WILL BE PAID FOR AS STRAIGHT CURB. ALL NEW STEEL FACED CONCRETE CURB WITH RADIUS LESS THAN OR EQUAL TO 100 FEET WILL BE PAID FOR AS CORNER CURB UNDER ITEM NO. 4.09 CDA.

3.03 ALL NEW CORNERS ARE TO BE STEEL FACED CONCRETE CURB AND TURNED TO A 12 FT. RADIUS, UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. ALL CORNER STEEL FACING IS TO BE SHOP FABRICATED.

3.04 WHEN NEW CURBING IS TO BE EXTENDED INTO CROSS STREETS, IT SHALL BE STEEL FACED CONCRETE CURB, UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. WHERE CURB BEYOND THE CORNER IS NOT STEEL FACED CONCRETE CURB, STEEL CURB IS TO BE EXTENDED TO CLEAR PEDESTRIAN RAMPS AND/OR TO THE NEW CATCH BASINS AS CONSTRUCTED, CLEAR OF THE PEDESTRIAN CROSSWALK, AS DIRECTED BY THE ENGINEER. THE COST OF THE ADDITIONAL TANGENT LENGTH OF STEEL FACED CONCRETE CURB WILL BE PAID FOR UNDER ITEM NO. 4.09 ADA.

3.05 WHERE NEW CURBING IS REQUIRED ADJACENT TO EXISTING CONCRETE SIDEWALK, WHICH IS NOT TO BE REPLACED, A CONCRETE SAW-CUT SHALL BE MADE ALONG A LINE PARALLEL TO AND TWO (2) FEET BACK FROM THE NEW CURB. THE COST OF THE SAW-CUT IS INCLUDED IN THE PRICES BID FOR THE CURB ITEMS.

3.06 TOP OF CURB ELEVATIONS AT CORNER PEDESTRIAN RAMPS SHALL BE ESTABLISHED IN CONJUNCTION WITH ROADWAY PAVEMENT CONSTRUCTION SO AS TO PROVIDE POSITIVE SURFACE DRAINAGE FROM THE APEX TOWARDS THE CATCH BASINS, WHERE APPLICABLE.

4. SIDEWALK WORK

4.01 SIDEWALK PEDESTRIAN RAMPS WITH EMBEDDED PREFORMED DETECTABLE WARNING UNITS ARE TO BE INSTALLED AT ALL CORNERS, UNLESS OTHERWISE DIRECTED. THE COST FOR INSTALLATION OF PEDESTRIAN RAMPS SHALL BE PAID FOR UNDER THE SIDEWALK AND CURB ITEMS, AS APPLICABLE. THE COST FOR THE EMBEDDED DETECTABLE WARNING UNITS SHALL BE PAID UNDER ITEM NO. 4.13 DE.

4.02 THE LOCATION AND THE EXTENT OF NEW SIDEWALK TO BE CONSTRUCTED IS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

5. TRAFFIC WORK

5.01 "REGULATORY" AND/OR "NO PARKING-CONSTRUCTION" SIGNS USED DURING THE CONSTRUCTION PERIOD ARE TO BE FURNISHED BY THE CONTRACTOR, AS REQUIRED. THE CONTRACTOR SHALL INSTALL THESE SIGNS WHERE DIRECTED BY THE ENGINEER, AND, WHEN NO LONGER REQUIRED, SHALL CAREFULLY REMOVE THESE SIGNS AND DELIVER THEM TO THE BROOKLYN NAVY YARD DEVELOPMENT CORPORATION. THESE SIGNS WILL BE MEASURED FOR PAYMENT UNDER ITEM 6.25 RS. THE COST OF SAID REMOVING AND DELIVERING SHALL BE DEEMED INCLUDED IN THE PRICE BID FOR ITEM 6.25 RS. A CREDIT OF $50 WILL BE TAKEN FOR EACH SIGN NOT SO DELIVERED. RELOCATION OF SIGNS SHALL NOT ENTITLE THE CONTRACTOR TO ADDITIONAL PAYMENT.

5.02 ALL REGULATORY AND WARNING TRAFFIC SIGNS SHALL CONFORM WITH THE NEW YORK CITY BUREAU OF TRAFFIC OPERATIONS STANDARD DRAWINGS AND THEIR STANDARD SIGN LIST.

5.03 FOR ADDITIONAL NOTES ON MAINTENANCE OF TRAFFIC SEE THE MAINTENANCE AND PROTECTION OF TRAFFIC DRAWINGS FOR THIS CONTRACT.

6. PAVEMENT WORK

6.01 ALL HEADERS ABUTTING NEW PAVEMENT SHALL BE REMOVED WHERE DIRECTED BY THE ENGINEER; THE PRICE OF WHICH SHALL BE INCLUDED IN THE PRICE BID FOR EXCAVATION.

6.02 ASPHALTIC CONCRETE MIXTURE IS TO BE USED IN THE AREAS OF ADJUSTMENT, AND AS DIRECTED BY THE ENGINEER (SEE ITEM NO. 4.02 CB).

6.03 FINISHED ROADWAY PAVEMENT AT THE APEX OF ALL CORNERS SHALL BE CONSTRUCTED TO ELEVATIONS SO AS TO PROVIDE POSITIVE SURFACE DRAINAGE FROM THE APEX TOWARDS THE CATCH BASINS, WHERE APPLICABLE.

7. SBS

7.01 THE COTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF APPENDIX G OF DEPARTMENT OF BUILDINGS

7.02 THE ENTIRE BOROUGH OF BROOKLYN IS LOCATED IN THE FIRE DISTRICT

THE CONSTRUCTION OF THE PARKING LOT SHALL SATISFY THE MINIMUM REQUIREMENTS
7.03 OF ZONING REQUIREMENTS OF M3-1

7.04 EXCAVATION SHALL COMPLY WITH THE STANDARD NEW YORK CITY STANDARD SPECIFICATIONS FOR SITEWORK, EXCAVATION, BACKFILLING AND LANDSCAPING

7.05 THE DRAWINGS ARE IN COMPLIANCE WITH NYC BC, PC AND NYCDOT STANDARDS

7.06 THE CONTRACTOR SHALL SUBMIT A COPY OF SEQUENCE OF OPERATION PREPARED BY A REGISTERED DESIGN PROFESSIONAL. CLARIFY MEANS BEING USED TO ENSURE SAFETY OF ADJACENT STRUCTURES AND CERTIFY THAT CONSTRUCTION DEBRIS AND OTHER MATERIALS FROM ENTERING THE WATERWAY.

8. SITE MANAGEMENT PLAN (SMP) COMPLIANCE

8.01 THIS PROJECT IS LOCATED WITHIN THE VOLUNTARY CLEANUP AGREEMENT (VCA) AREA OF THE SITE AND IS THEREFORE SUBJECT TO THE REQUIREMENTS OF THE SITE MANAGEMENT PLAN (SMP). AN ELECTRONIC COPY OF THE SMP IS AVAILABLE TO THE CONTRACTOR UPON REQUEST.

8.02 INTRUSIVE ACTIVITIES ARE DEFINED AS ANY WORK ACTIVITIES THAT BREACH THE ON-SITE 1' THICK ENGINEERED COVER SYSTEM THAT IS IN PLACE WITHIN THE VCA AREA OF THE SITE. THE MAIN CONTAMINANT OF CONCERN AT THE SITE ARE POLY-CHLORINATED BIPHENYLS (PCBS).

8.03 ALL ON-SITE PERSONNEL THAT MAY COME INTO CONTACT WITH EXCAVATED SOILS DURING INTRUSIVE WORK SHALL BE 40-HOUR HAZWOPER TRAINED. THE CONTRACTOR SHALL SUBMIT THE CERTIFICATES OF HAZWOPER COMPLETION FOR THESE DESIGNATED PERSONNEL AS PART OF THE SITE-SPECIFIC HEALTH AND SAFETY PLAN (SSHASP). THIS SSHASP SHALL BE SUBMITTED TO THE BNY AT LEAST 20 DAYS PRIOR TO THE START OF ANY INTRUSIVE ACTIVITIES.

8.04 THE CONTRACTOR IS REQUIRED TO NOTIFY THE BNY OF ANY INTRUSIVE ACTIVITIES A MINIMUM OF SIXTY-FIVE (65) CALENDAR DAYS PRIOR TO THE START OF ANY INTRUSIVE ACTIVITIES. THIS NOTIFICATION SHALL INCLUDE A SCHEDULE DETAILING THE START AND COMPLETION OF ALL INTRUSIVE ACTIVITIES AND A WORK PLAN AS DESCRIBED IN SECTION 8.02.6, "NOTIFICATION OF INTRUSIVE WORK" IN THE CONTRACT DOCUMENTS. THESE INTRUSIVE ACTIVITIES MAY NOT COMMENCE UNTIL WRITTEN AUTHORIZATION TO PROCEED IS RECEIVED FROM THE BNY. BNY IS REQUIRED TO NOTIFY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) OF ANY SITE-WIDE COVER BREACHES A MINIMUM OF SIXTY (60) DAYS PRIOR TO THE START OF WORK.

8.05 ANY FILL MATERIAL BROUGHT TO THE SITE SHALL MEET THE LOWER OF THE COMMERCIAL USE SOIL CLEANUP OBJECTIVES (SCOS) AND THE PROTECTION OF GROUNDWATER SCOS AS SET FORTH IN 6 NYCRR PART 375-6.7(D). THE CONTRACTOR SHALL IDENTIFY A CLEAN BACKFILL SOURCE MEETING THESE REQUIREMENTS PRIOR TO SITE MOBILIZATION. THE BNY WILL BE RESPONSIBLE FOR COLLECTING AND ANALYZING BACKFILL SAMPLES TO ENSURE THAT THESE SAMPLES MEET THE CRITERIA SET FORTH ABOVE. THE BNY RESERVES THE RIGHT TO REJECT ANY PROPOSED BACKFILL SOURCE FOR ANY REASON. IN THE EVENT THAT A BACKFILL SOURCE IS REJECTED, THE CONTRACTOR SHALL PROPOSE SECONDARY BACKFILL SOURCES TO BE USED. ALL MATERIALS PROPOSED FOR IMPORT ONTO THE SITE WILL BE APPROVED BY THE QEP AND WILL BE IN COMPLIANCE WITH PROVISIONS IN THE SMP PRIOR TO RECEIPT AT THE SITE.

8.06 AS PART OF THE BID, THE CONTRACTOR SHALL IDENTIFY A POTENTIAL DISPOSAL FACILITY IN THE EVENT THAT EXCAVATED SOIL IS DETERMINED TO BE INADEQUATE FOR ON-SITE RE-USE. THE CONTRACTOR SHALL ASSUME THAT ANY SOIL DEEMED TO BE INADEQUATE FOR ON-SITE RE-USE IS NON-HAZARDOUS. ANY PROPOSED DISPOSAL FACILITY SHALL BE PERMITTED TO ACCEPT PCB-IMPACTED SOIL. THE BNY IS RESPONSIBLE FOR DETERMINING WHETHER EXCAVATED SOIL IS ADEQUATE FOR ON-SITE RE-USE, AND WILL HAVE A QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) ON-SITE DURING ALL INTRUSIVE ACTIVITIES.

8.07 ALL INTRUSIVE WORK IS SUBJECT TO THE SITE-SPECIFIC COMMUNITY AIR MONITORING PROGRAM (CAMP). AN ON-SITE QEP WILL BE PRESENT DURING ALL INTRUSIVE ACTIVITIES AND WILL PERFORM CAMP MONITORING AS PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ANY DUST GENERATED AS PART OF THE WORK. THE CONTRACTOR SHALL APPLY DUST-CONTROL METHODS AT THE REQUEST OF THE QEP AND/OR BNY IN THE EVENT THAT DUST IS OBSERVED OR CAMP MONITORING INDICATES THAT DUST IS MIGRATING OUT OF THE WORK AREA. THE CONTRACTOR IS NOT RESPONSIBLE FOR PERFORMING ANY CAMP MONITORING.

8.08 IN THE EVENT THAT INADEQUATE SOIL IS EXCAVATED AND MUST BE DISPOSED OF OFF-SITE, THE CONTRACTOR SHALL BE PREPARED TO STAGE THIS SOIL IN AN ON-SITE STAGING AREA. SOIL SHALL BE SEGREGATED INTO STOCKPILES BASED ON QEP SCREENING. SOIL STOCKPILES SHALL BE CONTINUOUSLY ENCIRCLED WITH A BERM AND/OR SILT FENCE. HAY BALES SHALL BE USED AS NEEDED NEAR CATCH BASINS, SURFACE WATERS, AND OTHER DISCHARGE POINTS. STOCKPILES SHALL BE KEPT COVERED AT ALL TIMES WITH APPROPRIATELY ANCHORED TARPS. STOCKPILES SHALL BE ROUTINELY INSPECTED AND DAMAGED TARP COVERS SHALL BE PROMPTLY REPLACED. IN THE EVENT THAT AN ON-SITE SOIL STAGING AREA IS NECESSARY THE BNY WILL AUTHORIZE CONSTRUCTION OF THIS STAGING AREA, IN WRITING, AND THE CONTRACTOR SHALL SUBMIT A COST TO CONSTRUCT THIS AREA AND STAGE THE SOIL FOR THE REVIEW AND APPROVAL BY THE BNY.

8.09 IN THE EVENT THAT INADEQUATE SOIL MUST BE DISPOSED OF OFF-SITE, THE CONTRACTOR SHALL ARRANGE FOR ALL SOILS TO BE PROPERLY TRANSPORTED OFF-SITE. ALL LOADED VEHICLES LEAVING THE SITE SHALL BE APPROPRIATELY LINED, TARPED, SECURELY COVERED, MANIFESTED, AND PLACARDED IN ACCORDANCE WITH APPROPRIATE FEDERAL, STATE (INCLUDING 6 NYCRR PART 360), LOCAL, AND NYSDOT REQUIREMENTS, AS WELL AS ANY OTHER APPLICABLE TRANSPORTATION REQUIREMENTS.

8.10 ALL LIQUIDS TO BE REMOVED FROM THE SITE INCLUDING, BUT NOT LIMITED TO, EXCAVATION DEWATERING, DECONTAMINATION WATERS, AND GROUNDWATER MONITORING WELL PURGE AND DEVELOPMENT WATERS, WILL BE HANDLED, TRANSPORTED, AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAMPLING DEWATERING FLUIDS, DETERMINING THE LEVEL OF CONTAMINATION OF THE WATER, AND DETERMINING THE APPROPRIATE DISPOSAL METHOD. IN THE EVENT THAT DEWATERING FLUID IS DETERMINED TO BE CONTAMINATED AND SPECIAL OFF-SITE DISPOSAL IS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PROVIDING THE BNYDC WITH DISPOSAL MANIFESTS FOR THIS WASTE STREAM. DEWATERING, PURGE, AND DEVELOPMENT FLUIDS WILL NOT BE RECHARGED BACK TO THE LAND SURFACE OR SUBSURFACE ON THE SITE AND WILL BE MANAGED OFF-SITE UNLESS PRIOR APPROVAL IS OBTAINED FROM NYSDEC. THE COST FOR THE WORK WILL BE PAID UNDER ITEM 8.01 W1.

8.11 AFTER THE COMPLETION OF SOIL REMOVAL AND ANY OTHER INTRUSIVE ACTIVITIES, THE SITE-WIDE COVER SHALL BE RESTORED IN A MANNER THAT COMPLIES WITH THE SMP. THE EXISTING SITE-WIDE COVER IS COMPRISED OF BUILDINGS, CONCRETE AND ASPHALT PAVEMENT, AND MILLINGS. A DEMARCATION LAYER SHALL BE PLACED TO PROVIDE A VISUAL REFERENCE TO THE TOP OF THE ZONE OF REMAINING CONTAMINATION. THE RESTORED SITE-WIDE COVER SHALL BE COMPRISED OF AT LEAST 12 INCHES OF SOIL MEETING THE COMMERCIAL USE SCOS AS SET FORTH IN 6 NYCRR PART 375-6.8(B), A BUILDING, OR CONCRETE, ASPHALT, OR MILLINGS AT LEAST 6 INCHES IN THICKNESS.

8.12 IF UNDERGROUND STORAGE TANKS (USTS) OR OTHER PREVIOUSLY UNIDENTIFIED SOURCES FOR IMPACTS TO SUBSURFACE MEDIA ARE FOUND DURING DEVELOPMENT-RELATED CONSTRUCTION, EXCAVATION ACTIVITIES SHALL BE SUSPENDED UNTIL SUFFICIENT EQUIPMENT IS MOBILIZED TO ADDRESS THE CONDITION. THERE WILL BE NO DELAY CLAIMS ALLOWED FOR WORK STOPPAGE DUE TO DIFFERING SUBSURFACE CONDITIONS.

8.13 IF NUISANCE ODORS ARE IDENTIFIED AT THE SITE BOUNDARY, OR IF ODOR COMPLAINTS ARE RECEIVED AS A RESULT OF THE WORK BEING PERFORMED, WORK SHALL BE HALTED AND THE SOURCE OF ODORS SHALL BE IDENTIFIED AND CORRECTED. WORK SHALL NOT RESUME UNTIL ALL NUISANCE ODORS HAVE BEEN ABATED. NYSDEC AND THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) WILL BE NOTIFIED OF ALL ODOR EVENTS AND OF ANY OTHER COMPLAINTS ABOUT THE PROJECT. IMPLEMENTATION OF ALL ODOR CONTROLS, INCLUDING THE HALT OF WORK, IS THE RESPONSIBILITY OF THE QEP.

9. SPECIAL NOTES

9.01 ANY DISCREPANCY THAT IS IN THE DRAWINGS, SPECIFICATIONS OR DIFFERING SITE CONDITIONS, SHALL BE REPORTED TO THE ENGINEER, IN WRITING. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSABLE WITHOUT WRITTEN CONSENT FROM THE ENGINEER NO WORK SHALL PROCEED UNTIL ALL DISCREPANCIES HAVE BEEN RECTIFIED. ANY WORK PERFORMED WITHOUT APPROVED SHOP DRAWINGS OR WRITTEN FIELD CHANGE IS AT THE CONTRACTORS RISK AND MAY NOT BE COMPENSATED.

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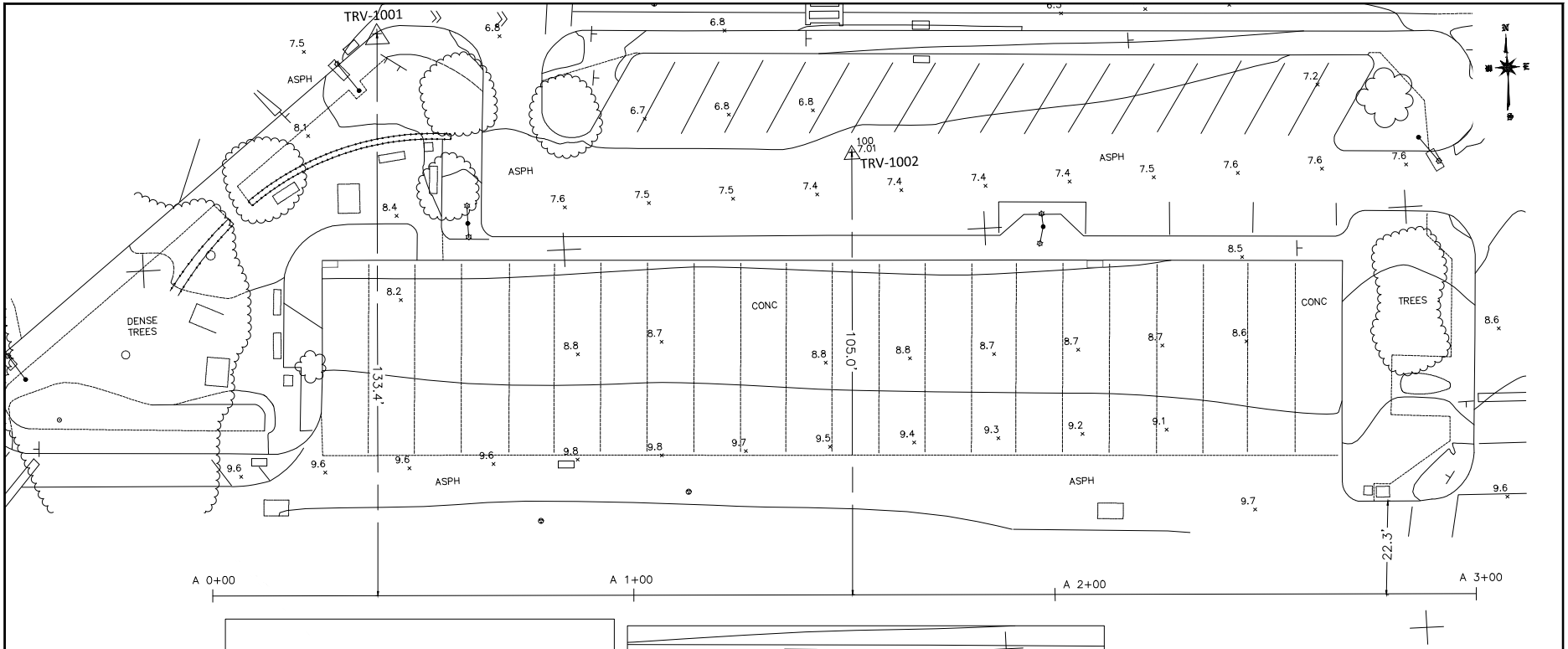
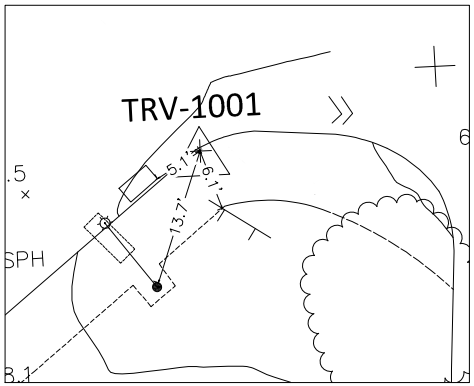
BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

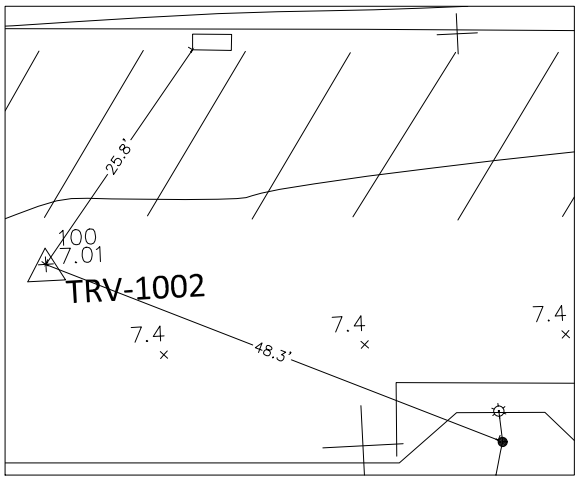
BUILDING 5 PARKING LOT

GENERAL NOTES

CONSULTANT DESIGN







TRAVERSE TIES
SCALE 1" = 20'

SCALE 1" = 10'

SURVEYORS NOTE:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF THE SURVEYS MADE ON THE DAYS INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING GENERAL CONDITIONS EXISTING AT THAT TIME.

ALL ELEVATION REFER TO NORTH AMERICAN VERTICAL DATUM, 1988.
ALL HORIZONTAL DATUM REFER TO NORTH AMERICAN DATUM, 1983.

"ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S BLUE INKED OR EMBOSSED SEAL SHALL BE CONSIDERED TO BE A TRUE VALID COPY"

"UNAUTHORIZED ALTERATIONS OR ADDITION TO A LAND SURVEYING DRAWING BEARING A LICENSED PROFESSIONAL LAND SURVEYOR'S SEAL IS A VIOLATION OF ARTICLE 145, SECTION 7209, PARAGRAPH 2 OF THE NEW YORK STATE EDUCATION LAW"

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BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

BUILDING 5 PARKING LOT

SURVEY CONTROL TIES

PROJECT ID. Y28818-0000368.00

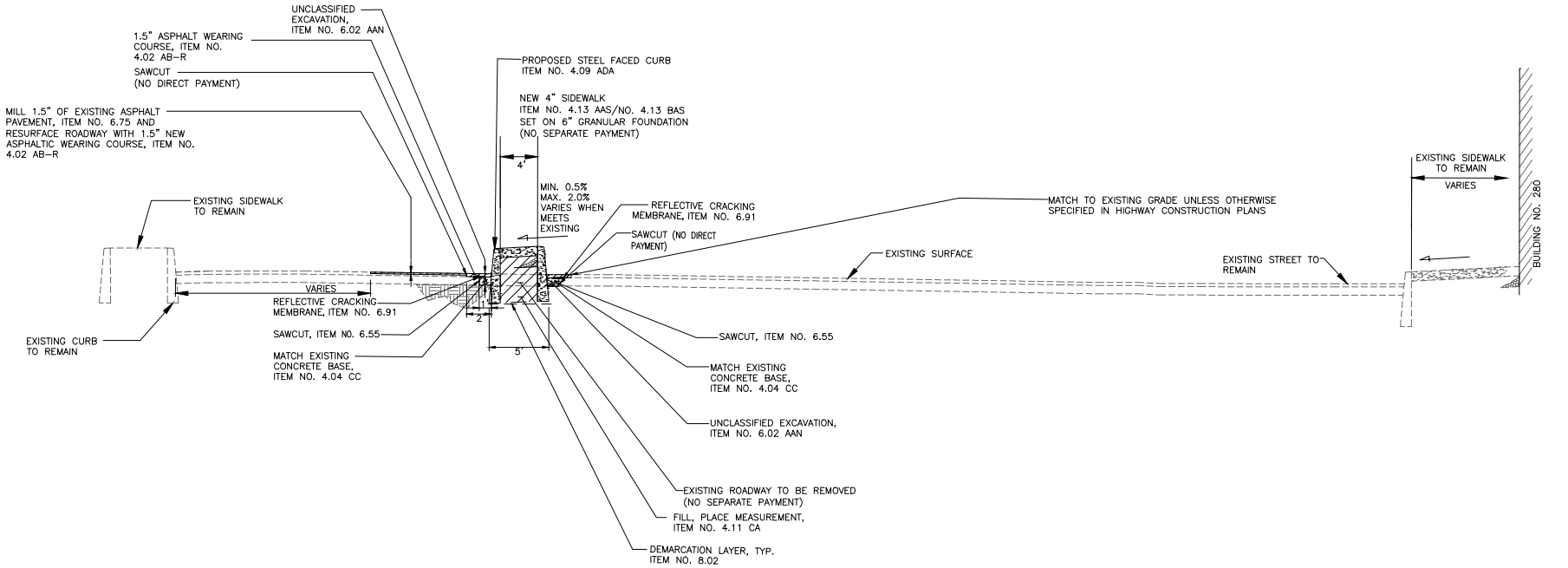
SHEET 4 OF 10

SC1 / SC1

CONSULTANT DESIGN

SPECIAL NOTE:

ALL WORK SHOWN ON THIS DRAWING, UNLESS LABELED WITH AN ITEM NUMBER WITHIN THE PLAN SET, SHALL BE CONSIDERED INCLUDED IN THE COST OF ALL OTHER ITEMS AND NO SEPARATE PAYMENT WILL BE MADE



TYPICAL SECTION A–A
NOT TO SCALE

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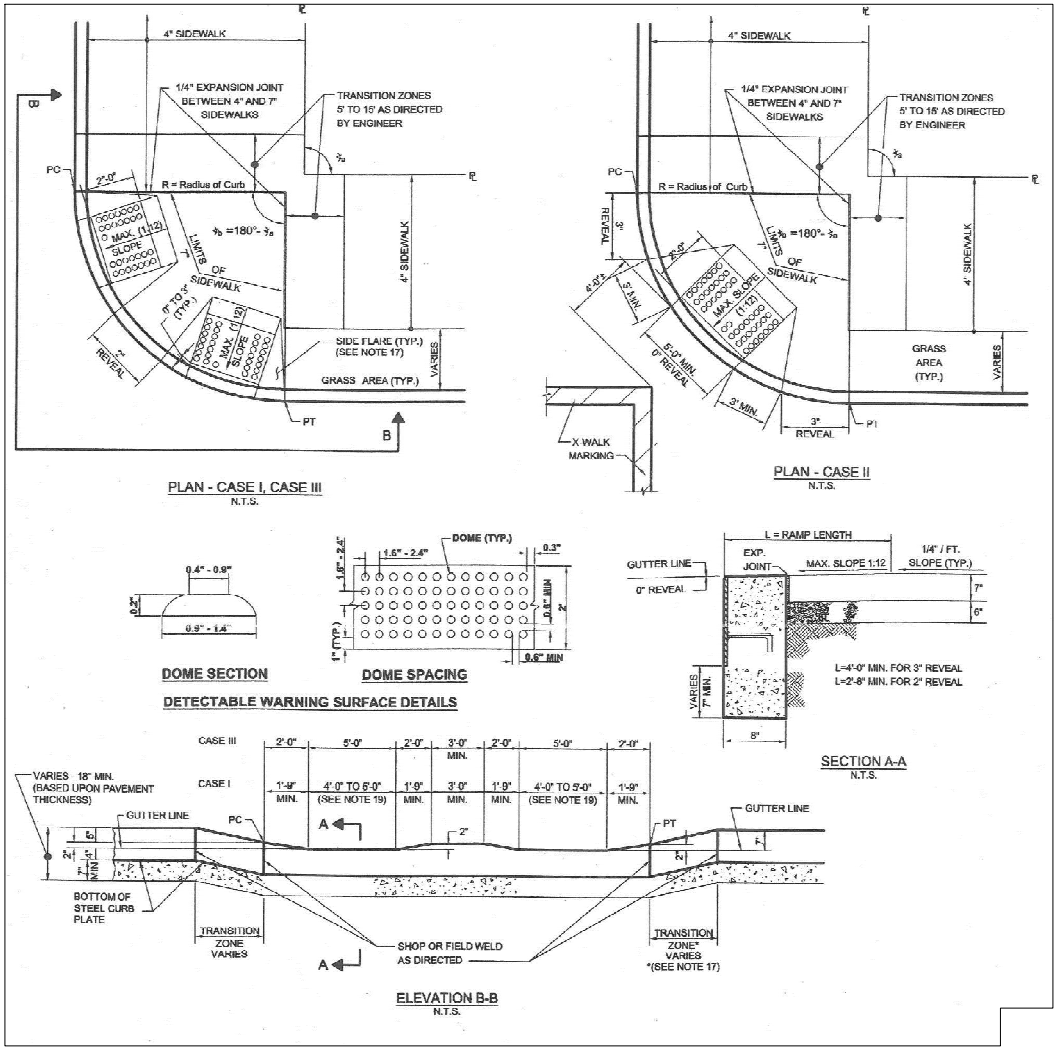
BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

BUILDING 5 PARKING LOT

TYPICAL SECTIONS AND DETAILS

PROJECT ID. Y28818–0000368.00 | SHEET 5 OF 10 | TS1 / TS1

CONSULTANT DESIGN



GENERAL NOTES:

1. ALL MATERIALS AND CONSTRUCTION METHODS USED SHALL CONFORM TO SECTIONS #4.08/4.09/4.13/4.13DE OF THE STANDARD SPECIFICATIONS, LATEST EDITION, AS AMENDED.
2. WHEN INSTALLING PEDESTRIAN RAMPS IN OTHER THAN PRE ENGINEERED CAPITAL RECONSTRUCTION PROJECTS, ALLOWANCE SHALL BE MADE FOR EXISTING CONDITIONS PROVIDED THAT THE SLOPE OF THE RAMP SHALL NOT EXCEED 1:12 AND THE ZERO INCH REVEAL IS OBTAINED. TO INSURE THAT SOUND
3. ENGINEERING JUDGEMENT IS USED IN MEETING EXISTING CONDITIONS, ANY AND ALL VARIATIONS FROM THE DETAILS OF CONSTRUCTION HEREIN SHOWN MUST HAVE THE APPROVAL OF BOTH THE ENGINEER AND THE BNYDC.
4. CASE II PLAN SHALL BE USED ONLY WHERE EXPLICITLY DIRECTED BY THE ENGINEER AND APPROVED BY THE BNYDC PRIOR TO DESIGN / INSTALLATION.
5. SURFACE OF ALL PEDESTRIAN RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. CONCRETE RAMP SURFACE SHALL HAVE A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE, EXCLUSIVE OF
6. THE DETECTABLE WARNING FIELDS.
7. LANDINGS BETWEEN THE PROPERTY LINES AND THE BACK EDGE OF RAMPS SHALL HAVE A MINIMUM CLEAR DIMENSION OF 5 FT. BY 5FT. SQUARE; HOWEVER, WHERE CASE I RAMPS ARE USED THE MINIMUM CLEAR DIMENSION SHALL BE 4 FT. BY 4 FT. SQUARE. THE MAXIMUM CROSS SLOPE AT LANDINGS IS ¼" PER FOOT
8. IN ANY DIRECTION. LANDINGS MAY OVERLAP WITH ADJACENT LANDINGS OR A SINGLE LANDING MAY SERVE MULTIPLE CURB RAMPS.
9. ALL EXPOSED STEEL SURFACES SHALL BE GROUND SMOOTH.

ON FULL WIDTH SIDEWALKS, EXPANSION JOINTS TO BE PLACED AT BUILDING FACES, STRUCTURES AS WELL AS AT BACK FACE OF CURB.

ALL DIMENSIONS AND NOTES SHALL BE APPLICABLE TO GRANITE CURB INSTALLATIONS AND/OR CONCRETE CURB INSTALLATIONS.

THE FOLLOWING GUIDELINES SHALL BE APPLIED IN DETERMINING THE APPLICATIONS OF THE SPECIFIC CASES WHERE THE INTERIOR ∠b=108°=∠a:

CASE I FOR CORNERS WITH	CASE II FOR CORNERS WITH	CASE III FOR CORNERS WITH
R = 12' INTERIOR ∠b >= 90°	R < 12' INTERIOR ∠b ANY ANGLE	R > 15' INTERIOR ∠b ANY ANGLE
R = 13' INTERIOR ∠b BET. 83° & 93°	R = 12' INTERIOR ∠b < 90°	R = 15' INTERIOR ∠b >= 81°
R = 14' INTERIOR ∠b BET. 77° & 90°	R = 13' INTERIOR ∠b < 83°	R = 14' INTERIOR ∠b >= 90°
R = 15' INTERIOR ∠b BET. 72° & 81°	R = 14' INTERIOR ∠b < 77°	R = 13' INTERIOR ∠b >= 93°
	R = 15' INTERIOR ∠b < 72°	

THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE, THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING FIELD (THE DOMES AND THE ENTIRE 2 FT. WIDE SURFACE) IS FOR ILLUSTRATION ONLY.

THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 2 FT. IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP AS SHOWN, EXCLUSIVE OF SIDE FLARES.

DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OF THE WARNING FIELD NEAREST TO THE ROADWAY OR STREET SURFACE IS 0" TO 3" FROM THE BACK OF CURB, AS SHOWN.

DOME ALIGNMENT, DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL.

COLOR REQUIREMENT. THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR SHALL VISUALLY CONTRAST WITH THE ADJOINING CURB RAMP, OR OTHER ADJACENT WALKWAY SURFACES WHERE THERE IS NO CURB RAMP. EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT AS DEFINED IN THE AMERICANS WITH DISABILITIES ACCESSIBILITY GUIDELINES (ADAAG).

PAYMENT LINES FOR THE DETECTABLE WARNING UNITS ARE THE 2 FT. DIMENSION SHOWN IN THE DETAILS EXTENDING THE FULL WIDTH OF THE CURB RAMP.

WHEN STREET LIGHT FURNITURE (LAMP POSTS, TRAFFIC SIGNAL POSTS, HYDRANTS, ETC.) INTERFERERS WITH THE CONSTRUCTION OF A SIDE FLARE ADJACENT TO A NON-WALKING (GRASS) AREA, SAID SIDE FLARE SHALL BE REPLACES WITH A CONCRETE CURB AS DIRECTED BY THE ENGINEER, PROVIDED THAT THE INTERFERENCE CAN BE AVOIDED AND LEFT IN PLACE.

IN CASE OF INFEASIBILITY AND IN ORDER TO CLEAR INTERFERENCE WITH THE STREET FURNITURE (LAMPOSTS, TRAFFIC SIGNAL POSTS, UTILITY POSTS, HYDRANTS, ETC.), UPON DOCUMENTATION AND APPROVAL BY THE ENGINEER, THE WIDTH OF THE RAMP COULD BE REDUCED TO NO LESS THAN 3'-0" FEET.

PEDESTRIAN RAMPS SHALL BE INSTALLED PARALLEL TO THE CROSSWALKS WHERE FEASIBLE. HOWEVER, WHERE DUE TO OBSTRUCTION AND INTERFERENCE WITH THE STREET FURNITURE (LAMPOST, TRAFFIC SIGNAL POSTS, HYDRANTS, ETC.) IT WOULD NOT BE FEASIBLE TO INSTALL THE RAMPS PARALLEL TO THE CROSSWALKS, UPON DOCUMENTATION AND AS ORDERED AND APPROVED BY THE ENGINEER THE RAMPS COULD BE REORIENTED TO CLEAR THE OBSTRUCTIONS,

BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

BUILDING 5 PARKING LOT

CONSTRUCTION DETAILS

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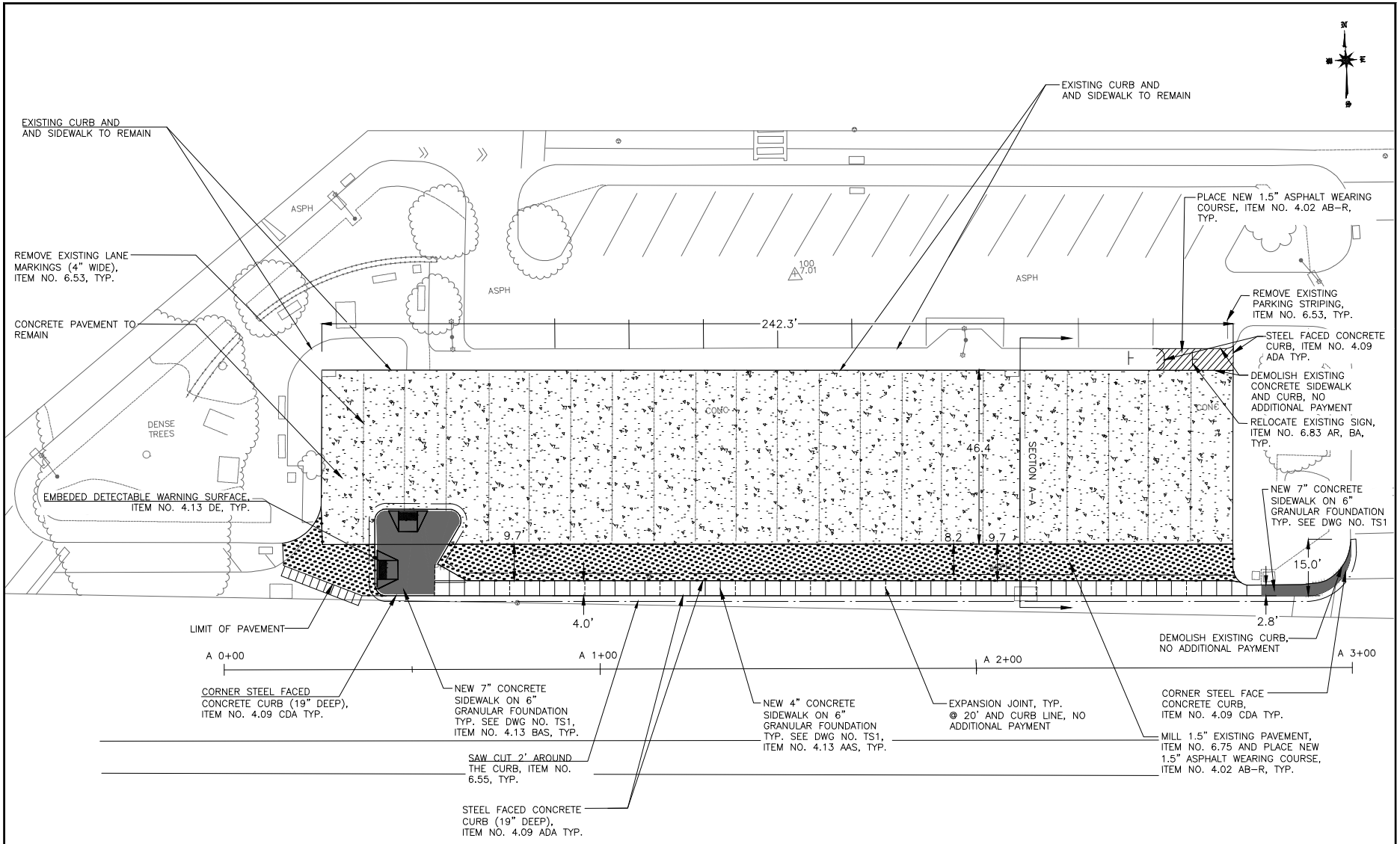
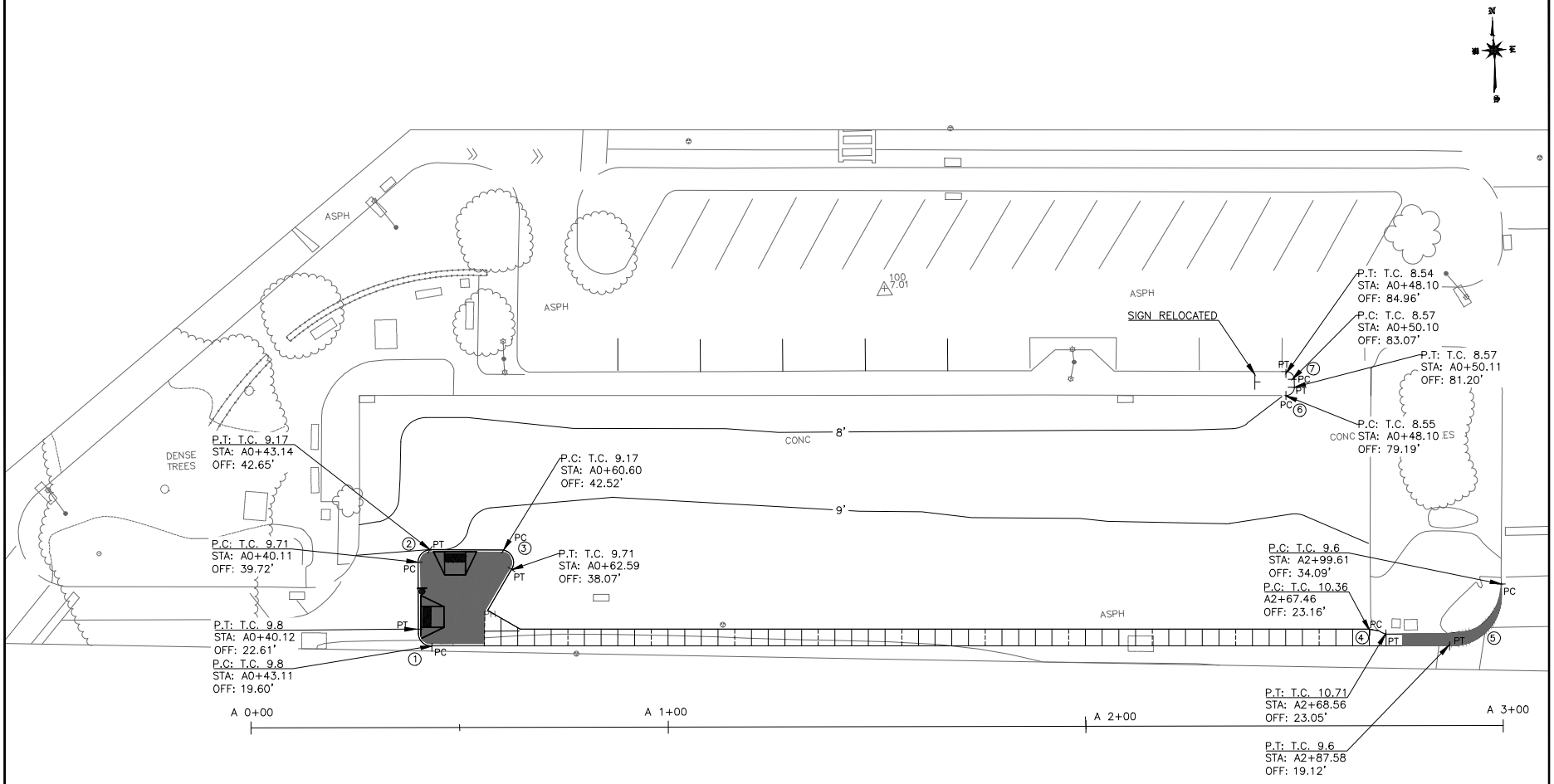
PROJECT ID. Y28818-0000368.00 | SHEET 6 OF 10 | CD1/C01

CONSULTANT DESIGN





CURVE DATA TABLE

CURVE	POINT	STATION	OFFSET	RADIUS	ANGLE	LENGTH
1	P.C.	A0+43.11	19.60' L	3.00	90°	4.71
	P.T.	A0+40.12	22.61' L			
2	P.C.	A0+40.11	39.72' L	3.00	90°	4.67
	P.T.	A0+43.14	42.85' L			
3	P.C.	A0+60.60	42.60' L	3.00	108°	5.68
	P.T.	A0+62.59	38.07' L			
4	P.C.	A2+67.46	23.16' L	24.00	171°	1.12
	P.T.	A2+68.56	23.05' L			
5	P.C.	A2+99.61	34.09' L	12.00	90°	18.85
	P.T.	A2+87.58	19.12' L			
6	P.C.	A2+48.10	79.19' L	2.00	90°	3.15
	P.T.	A2+50.11	81.20' L			
7	P.C.	A2+50.10	83.07' L	2.00	90°	3.04
	P.T.	A2+48.10	84.96' L			

SCALE 1" = 10'

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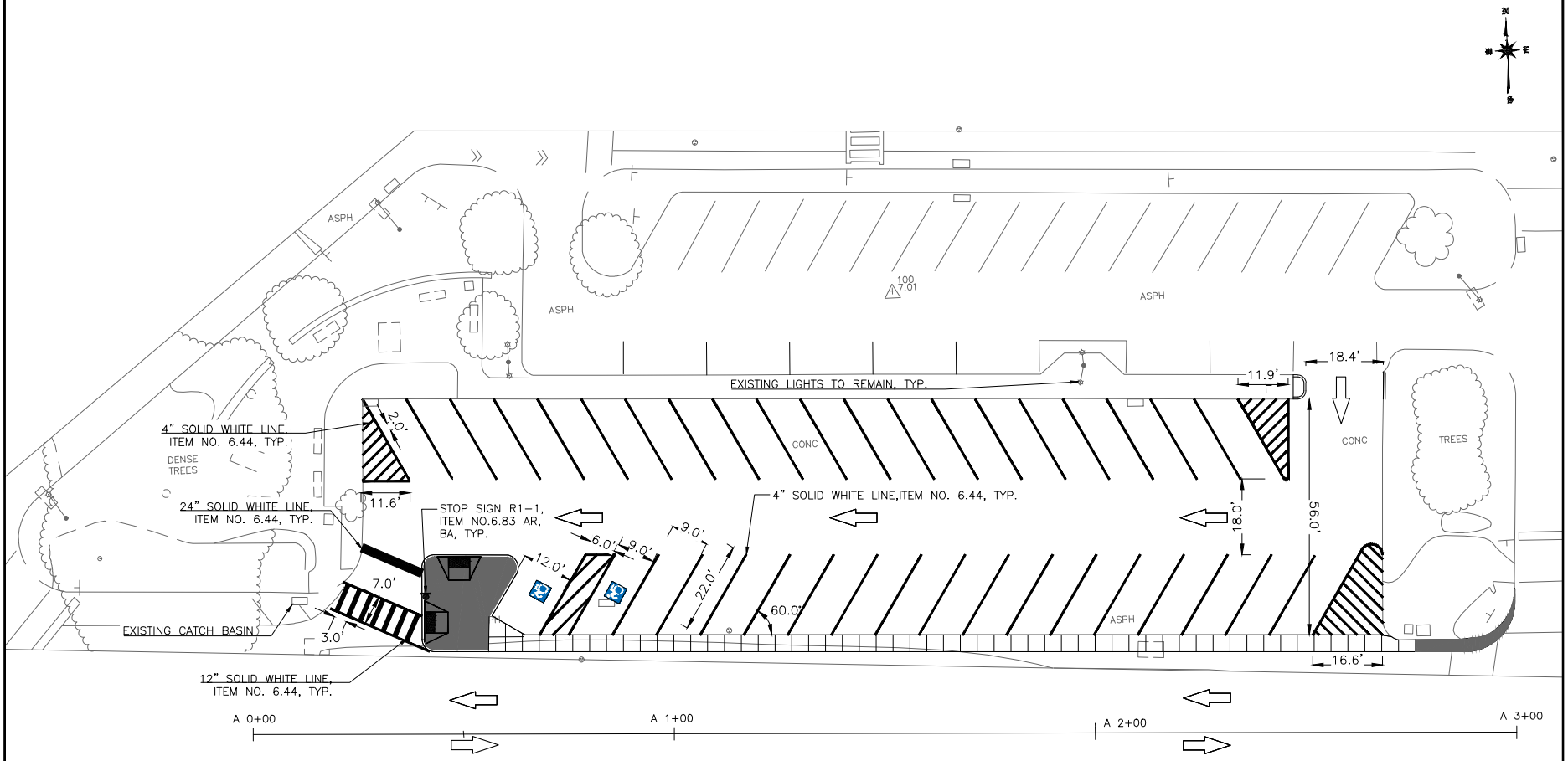
BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

BUILDING 5 PARKING LOT

ALIGNMENT/GRADING PLAN

PROJECT ID. Y28818-0000368.00 | SHEET 8 OF 10 | GD1

CONSULTANT DESIGN



EXISTING PARKING SPOTS – TRUCK 22
PROPOSED PARKING SPOTS – CAR 38
ADA – VAN 1 AND CAR 1

SCALE 1" = 10'

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BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

BUILDING 5 PARKING LOT

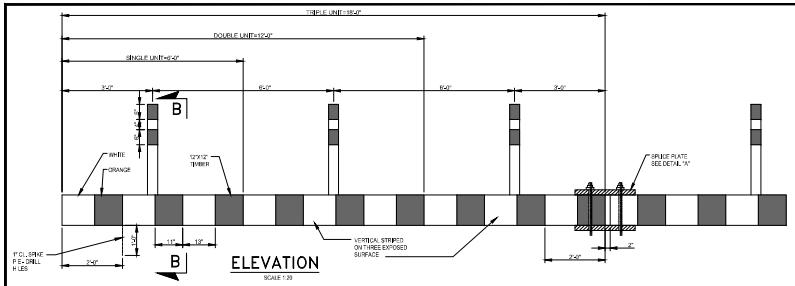
PAVEMENT MARKING PLAN

PROJECT ID. Y28818-0000368.00

SHEET 9 OF 10

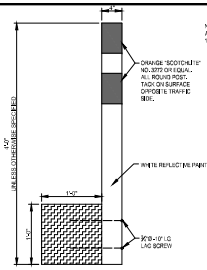
PM/PM1

CONSULTANT DESIGN



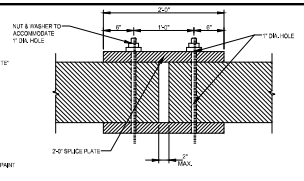
ELEVATION

SCALE 1:20



SECTION B–B

SCALE 1:10



DETAIL "A"

SCALE 1:10

GENERAL NOTES:

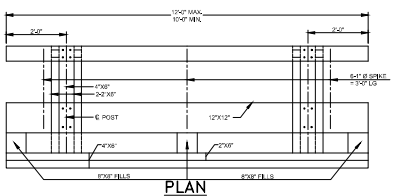
ALL TIMBER & LUMBER TO BE DENSE STRUCTURAL GRADE DOUGLAS FIR OR LONG LEAF YELLOW PINE.

WHITE AND ORANGE EXTERIOR ENAMEL, AS PER DEPT. OF PURCHASE SPECIFICATION, LATEST EDITION.

WHITE TO BE REFLECTORIZED.

NOTES

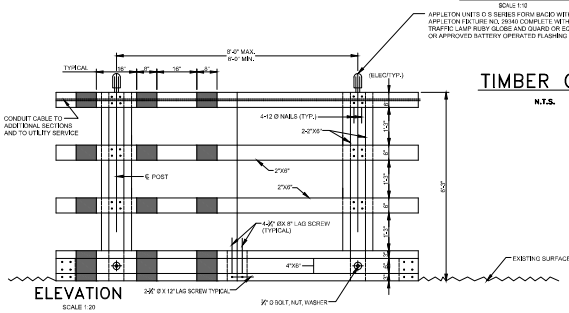
1. ALL ELEMENTS OF THE MPT SCHEMES SHALL BE IN ACCORDANCE WITH THE STANDARD DETAILS OF THE NYC DEPARTMENT OF TRANSPORTATION.
2. A FLAGMAN WILL BE REQUIRED FOR EVERY STAGE OF WORK.
3. MINIMUM OF 11-FOOT TRAVEL LANES MUST BE MAINTAINED AT ALL THE TIMES ON ALL STREETS. ALL EXISTING TRAFFIC PATTERNS MUST BE MAINTAINED AT ALL TIMES.
4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH LATEST VERSION OF FEDERAL M.U.T.C.D.
5. ALL "ROAD WORK AHEAD" SIGNS SHALL BE INSTALLED BETWEEN 200 AND 250 FEET BEFORE THE CONSTRUCTION, WHENEVER AND WHEREVER POSSIBLE.
6. WHENEVER AND WHEREVER POSSIBLE, ALL "END ROAD WORK" SIGNS SHALL BE INSTALLED BETWEEN 200 AND 250 FEET AFTER CONSTRUCTION.
7. A BARREL IN THE STREET SHALL BE CONSIDERED THE BEGINNING OF THE CONSTRUCTION.
8. ONE (1) 24"X24" ORANGE FLEXIBLE PLASTIC FLAG SHALL BE ATTACHED TO THE TOP OF EACH DIAMOND SHAPED ADVANCE WARNING SIGN.



PLAN

ILLUMINATED TIMBER BARRICADE

N.T.S.

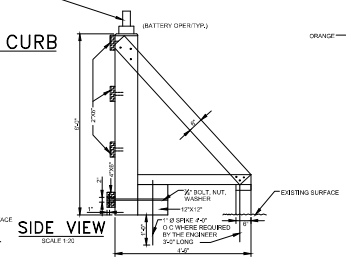


ELEVATION

SCALE 1:20

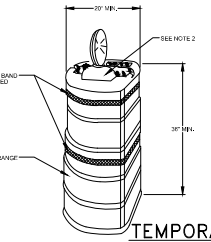
TIMBER CURB

N.T.S.



SIDE VIEW

SCALE 1:20



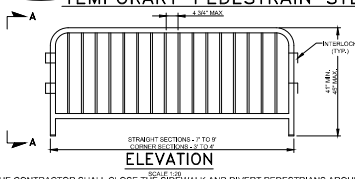
NOTES:

1. BARREL MUST BE PLASTIC AND SPECIFICALLY DESIGNED AS A TRAFFIC CONTROL DEVICE. THE BARREL MUST BE FLATTENED ON AT LEAST ONE SIDE OR OTHERWISE DESIGNED SO THAT IT WILL NOT ROLL IF OVERTURNED.
2. THE BATTERY POWERED - EMT IS FOR NIGHT USE ONLY. USE TYPE A LOW INTENSITY FLASHING LIGHT FOR POINT HAZARDS. USE TYPE C LOW INTENSITY STEADY BURN LIGHTS FOR CHANNELIZATION. THE LIGHT SHALL BE PHOTO CELL CONTROLLED FOR NIGHT USE.
3. ALL MATERIALS & METHODS USED ARE TO CONFORM TO SECTION 6.57 OF THE STANDARD SPECIFICATIONS. LATEST EDITION, AS AMENDED.

PLASTIC BARREL

N.T.S.

TEMPORARY PEDESTRAIN STEEL BARRICADE



ELEVATION

SCALE 1:20

SECTION A–A

SCALE 1:20

GENERAL NOTES
APPLICABLE TO ALL STAGES

1- CONSTRUCTION SEQUENCE - UNLESS OTHERWISE DIRECTED, THE CONSTRUCTION WORK SHALL BE EXECUTED IN THE FOLLOWING ORDER:
STAGE I - CONSTRUCTION OF CURBS AND SIDEWALKS
STAGE II - CONSTRUCTION OF ROADWAY PAVEMENT

2- CONTRACTOR SHALL COORDINATE THE LOCATION FOR TEMPORARY STORAGE WITH BNYDC PRIORTO TRANSPORTING ANY MATERIAL, EQUIPMENT, ECT. TO THE BROOKLYN NAVY YARD.

3- ALL MAINTENANCE AND PROTECTION OF TRAFFIC WORK (WORK ZONE TRAFFIC CONTROL) SHALL CONFORM TO THE LATEST FEDERAL HIGHWAYS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), THE NEW YORK STATE SUPPLEMENT TO THE M.U.T.C.D., EXCEPT AS MODIFIED BY THE PLANS AND PROPOSAL.

4- NO SEPARATE PAYMENT WILL BE MADE FOR CONSTRUCTION SIGNS, TIMBER CURB, PLASTIC BARRELS, PEDESTRIAN STREET BARRICADE, LIGHTED TIMBER BARRICADE REQUIRED FOR MAINTENANCE AND PROTECTION OF TRAFFIC. COST TO BE INCLUDED IN THE PRICE BID FOR ITEM 6.70. THERE WILL BE NO DIRECT PAYMENT FOR THE PROVISION OF STEEL PLATES OVER EXCAVATIONS. OR THE SAFETY ORANGE CONSTRUCTION FENCING; COST TO BE INCLUDED IN THE PRICES BID FOR ALL SCHEDULED ITEMS.

5- TEMPORARY TRAFFIC LANE MARKINGS SHALL BE 10 FEET LONG LINES AT 30 FEET ON CENTER, WHEN USED FOR THROUGH LANES UNLESS OTHERWISE DIRECTED BY THE ENGINEER (ITEM NO. 6.45).

6- THE CONTRACTOR MAY BE PERMITTED TO HAVE MORE THAN ONE OPERATION GOING IN EACH PHASE OF CONSTRUCTION, SUBJECT TO ACTUAL SITE CONDITIONS AND THE IMPACT OF CONSTRUCTION IN CONSULTATION WITH THE ENGINEER.

7- TO PERMIT ADEQUATE VISIBILITY AT INTERSECTION AREAS ALL BARRICADES SHALL BE PLACED AS NOT TO HINDER PEDESTRIAN OR VEHICULAR SIGHT LINES. SIMILARLY, NO SHEETING SHALL EXTEND HIGHER THEN 24" ABOVE PAVEMENT LEVEL WITHIN 50 FEET OF AN INTERSECTION.

8- IF AT ANY TIME, ACCORDING TO THE ENGINEER'S JUDGEMENT, CONDITIONS SHALL WARRANT MODIFICATIONS TO THE SCHEMES SHOWN ON ANY MAINTENANCE AND PROTECTION OF TRAFFIC DRAWINGS THE CONTRACTOR SHALL PERFORM THE MODIFICATIONS, INCLUDING THE REOPENING OF ANY CLOSURE ON AN EMERGENCY BASIS AS ORDERED BY THE ENGINEER.

9- CONSTRUCTION SIGNS SHALL BE POSTED ONLY WHILE WORK IS IN PROGRESS. CONSTRUCTION SIGNS HAVING CENTER HINGED SIGN PANELS OR HAVING FOLDING PORTABLE SIGN SUPPORTS SHALL BE FOLDED DOWN WHEN THE WORK THEY PERTAIN TO IS NOT IN PROGRESS. OTHER CONSTRUCTION SIGNS WHICH OTHERWISE CANNOT BE FOLDED DOWN SHALL BE REMOVED OR COVERED AS ORDERED BY THE ENGINEER.

10- ALL CONSTRUCTION SIGNS SHALL BE IDENTIFIED WITH BROOKLYN NAVY YARD DEVELOPMENT CORPORATION (BNYDC), THE CONTRACTOR'S NAME AND CONTRACT NUMBER SHALL BE PLACED ON THE BACK OF THE SIGN WITH 3" HIGH LETTERING.

11- CONTRACTOR SHALL MAINTAIN AT LEAST ONE PEDESTRIAN CROSSING AT EACH INTERSECTION OR AS OTHERWISE DIRECTED BY THE ENGINEER. PEDESTRIAN SHALL BE PROTECTED FROM ALL EXCAVATION AREAS THROUGH THE USE OF AN APPROVED, TEMPORARY FENCE OR OTHER TEMPORARY DEVICE, AND IN A MANNER APPROVED BY THE ENGINEER. COST TO BE INCLUDED IN THE PRICES BID FOR ALL SCHEDULED ITEMS, UNLESS OTHERWISE INDICATED ON THE PLANS.

12- EXCAVATION SHALL BE COMPLETELY ENCLOSED IN WITH PLASTIC BARRELS AND LIGHTED TIMBER BARRICADES AND PEDESTRIAN STEEL BARRICADES AS DIRECTED BY THE ENGINEER, AND AS HEREIN SHOWN.

13- THE CONTRACTOR SHALL MAINTAIN ACCESS FOR LOCAL AND EMERGENCY TRAFFIC AT ALL TIMES. THE CONTRACTOR SHALL BE REQUIRED TO MOVE & RESTORE BARRICADES AS ORDERED BY THE ENGINEER FOR LOCAL AND EMERGENCY ACCESS AT NO DIRECT PAYMENT.

14- ACCESS TO ALL ABUTTING PROPERTIES, ENTRANCES AND EXITS FROM DWELLING, EMERGENCY EXITS AND PEDESTRIAN USAGE OF CROSSWALK AND SIDEWALK AREAS, BOTH NEW AND EXISTING, SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL PROVIDE ACCESS/EGRESS ON A "DEMAND" BASIS AS REQUIRED AND DIRECTED BY THE ENGINEER, AND SHALL PROVIDE SMOOTH RAMPS FOR LOCAL AND EMERGENCY TRAFFIC AT ALL TIMES IN EXCAVATED AREAS.

15- THE EXACT LOCATION, SIZE, WORDING AND DETAILS OF ALL SIGN, PANELS AND MOUNTINGS, AND OTHER DEVICES SHALL BE APPROVED BY THE ENGINEER.

16- THE CONTRACTOR IS REQUIRED TO INSTALL AND REMOVE, NOT PAINT OVER, ALL TEMPORARY PAVEMENT MARKINGS (ITEM NO. 6.45).

17- THE CONTRACTOR SHALL MAKE REPAIRS TO THE ROADWAY SURFACE OR PLACE AN ADDITIONAL OVERLAY OF ASPHALTIC CONCRETE MIXTURE WHERE DIRECTED AND APPROVED BY THE ENGINEER. (PAID UNDER ITEM 4.02CB)

19- NOTWITHSTANDING PROVISIONS HEREIN CONTAINED IT REMAINS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT MINOR ADDITIONAL MEASURES NECESSARY TO PROVIDE FOR AND MAINTAIN THE SAFETY OF VEHICULAR TRAFFIC AND PEDESTRIANS DURING CONSTRUCTION. THE PROVISION AND USE OF SUPPLIES SUCH AS TRAFFIC CONES. HIGH VISIBILITY RIBBONS AND FLAGS WHERE NECESSARY OR DIRECTED BY THE ENGINEER, SHALL BE CONSIDERED AS MINOR AND INCIDENTAL ITEMS. PAYMENT TO BE INCLUDED IN THE PRICE BID FOR ALL SCHEDULED ITEMS.

19- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS WORK WITH OTHER CONTRACTORS WHO HAVE ON-GOING STREET IMPROVEMENT CONSTRUCTION IN THE AREA AND SHALL SO ACCORDINGLY ARRANGE HIS OWN SCHEDULE OF CONSTRUCTION IN SUCH A TIME FRAME AS NOT TO DISRUPT OR INTERFERE WITH THE WORKABILITY OF THIS OR ANY OTHER PROJECT'S MAINTENANCE OF TRAFFIC PLAN. IN THE EVENT OF SIMULTANEOUS CONSTRUCTION IN CLOSE PROXIMITY OF ONE WORK AREA, RESULTING IN OVERLAP OF SIGNING, THE ENGINEER IN CHARGE WILL MAKE A FINAL DECISION ON WHICH SIGNS TO RETAIN, WHERE TO PLACE THEM, OR WHICH TO TEMPORARILY COVER.

20- PEDESTRIAN CROSSINGS OVER EXCAVATIONS, WHERE REQUIRED, SHALL BE COVERED WITH STEEL PLATES OR TEMPORARY BRIDGES LINED WITH TEMPORARY FENCE ATTACHED TO TIMBER CURBS ON BOTH SIDES. STEEL PLATES IN PEDESTRIAN WALKWAYS SHALL BE EPOXY COATED WITH NON-SLIP FINISH, THAT ADHERES TO METAL. THIS NON-SLIP COATING SHALL BE RESISTANCE TO FIRE, GASOLINE, OIL, ACIDS, ALKALIS AND ALIPHATIC SOLVENTS. THE CONTRACTOR SHALL SUBMIT THE TYPE OF EPOXY COATING ON STEEL PLATE TO THE ENGINEER FOR APPROVAL. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.

21- THE CONTRACTOR SHALL EMPLOY AND ASSIGN FLAGGERS TO ASSIST IN CONTROLLING THE FLOW OF TRAFFIC, DELIVERY/REMOVAL OF MATERIALS, LIFTING OF OPERATIONS. EXCAVATION OPERATIONS AND OTHER ACTIVITIES AS REQUIRED AND DIRECTED BY THE ESINEER AS PER SECTION 6.52A. THERE WILL BE NO SEPARATE PAYMENT FOR FLAGGERS EMPLOYED BY THE CONTRACTOR WITHOUT PRIOR AUTHORIZATION BY THE ENGINEER.

22- THE SOLE DUTY OF A FLAGGER SHALL BE TO DIRECT TRAFFIC PROPERLY AT ALL TIMES. FLAGGERS SHALL NOT BE USED TO MOVE TEMPORARY SIGNS OR ASSIST IN OTHER WORK. REQUIREMENTS OF THE N.Y.S..M.U.T.C.D. FOR HAND SIGNALING DEVICES, AND STOP/SLOW PADDLES STANDARD SIGNALING PROCEDURES. STOP/SLOW PADDLES SHALL BE USED RATHER THAN FLAGS FOR MOST LONG TERM FLAGGING OPERATIONS. CLEAN, WELL-FITTING ORANGE VESTS AND HARD HATS SHALL BE WORN BY FLAGGERS. FOR THE SAFETY OF FLAGGERS AND THE SAFE RECOVERY OF DRIVERS WHO FAIL TO RESPOND TO FLAGGER DIRECTIONS, ANY FLAGGING DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY, OR THE CONTRACTOR SHALL BE REQUIRED TO SHUT DOWN HIS OPERATIONS UNTIL A COMPETENT FLAGGER IS OBTAINED.

23- NO DEVIATION OR DEPARTURE FROM THESE STIPULATIONS WILL BE PERMITTED WITHOUT THE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. REQUEST FOR ANY SUCH MODIFICATIONS SHALL BE SUBMITTED TO THE OFFICE OF BNYDC A MINIMUM OF TWENTY (20) DAYS IN ADVANCE FOR CONSIDERATION.

24- ALL BOUNDARIES BETWEEN CONSTRUCTION WORK AREAS AND PEDESTRIAN ROUTES ALONG SIDEWALKS SHALL BE CLEARLY AND CONTINUOUSLY DELINEATED WITH PEDESTRIAN STEEL BARRICADES.

25- WORK HOURS RESTRICTIONS:
A) ALLOWABLE WORKING HOURS SHALL BE 8:00 AM TO 4:00 PM MONDAY THRU FRIDAY.
B) NIGHT AND WEEKEND WORK MAY BE REQUIRED FOR WATERMAIN INSTALLATIONS WHICH REQUIRE WATER SHUT OFFS. THIS WORK SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE BROOKLYN NAVY YARD DEVELOPMENT CORPORATION.
C) THE CONTRACTOR MAY SUBMIT A WRITTEN REQUEST TO THE BROOKLYN NAVY YARD DEVELOPMENT CORPORATION FOR APPROVAL TO WORK OUTSIDE THE ALLOWABLE WORKING HOURS. WORK OUTSIDE THE ALLOWABLE WORKING HOURS SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE BROOKLYN NAVY YARD DEVELOPMENT CORPORATION.

25- IDENTIFICATION MARKING ON BARRELS MUST NOT FACE TRAFFIC AND MUST BE PLACED BELOW THE BOTTOM REFLECTORIZED BAND.

26- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE STORAGE AREAS OFF THE JOB SITE AS REQUIRED. NO SEPARATE PAYMENT WILL BE MADE FOR THESE STORAGE AREAS.

27- ALL TEMPORARY SIGNS:
A) SHALL BE REFLECTORIZED.
B) SHALL HAVE ORANGE BACKGROUND AND BLACK LETTERS, UNLESS OTHERWISE NOTED.
C) SIGN LOCATIONS ARE TO BE IN ACCORDANCE WITH MUTCD AND DETERMINED IN THE FIELD BY THE ENGINEER, IF NECESSARY.
D) SIZES OF SIGNS TO BE AS PER "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". (MUTCD)
E) MOUNTING OF SIGNS TO BE AS DIRECTED AND APPROVED BY ENGINEER.
F) SHALL MAINTAIN A LATERAL CLEARANCE AND HEIGHT PER THE N.Y.S. M.U.T.C.D. AND APPROVED BY THE ENGINEER.

28- THE CONTRACTOR SHALL IMPLEMENT TEMPORARY PARKING REGULATIONS, INSTALL TEMPORARY CONSTRUCTION SIGNS, AND TEMPORARY DETOUR ROUTE SIGNS PRIOR TO START OF ANY CONSTRUCTION ACTIVITIES.

29- CONTRACTOR WILL BE REQUIRED TO LIMIT THE EQUIPMENT TO THE WORK AREA AS SHOWN ON THE PLAN. EXCAVATION EQUIPMENT SHALL NOT BE PERMITTED TO ENCROACH UPON DESIGNATED TRAVEL LANES AT ANY TIME EXCEPT WHERE APPROVED BY THE ENGINEER. CONTRACTOR SHALL SUBMIT SPECIFICATIONS OF THE EXCAVATION EQUIPMENT TO BE USED TO ENGINEER FOR APPROVAL PRIOR TO START OF WORK.

30- THE CONTRACTOR SHALL NOT BE PERMITTED TO STORE CONSTRUCTION EQUIPMENT, PIPE FITTINGS, CASTINGS, LUMBER, UNIT PAVERS, ASPHALTIC MIXTURES, FILL, EXCAVATED MATERIAL, REINFORCEMENT AND/OR FORMS, AND OTHER CONSTRUCTION RELATED MATERIALS WITHIN THE PROJECT LIMITS, EXCEPT WHERE SPECIALLY APPROVED BY THE ENGINEER AND ONLY ON THE FOLLOWING CONDITIONS:
A) MATERIALS STORED ON THE SITE SHALL BE "INSTALLED IN PLACE" WITHIN 48 HOURS OF DELIVERY TO JOB SITE. (CONSTRUCTION SUPERVISOR WILL BE REQUIRED TO MAINTAIN ACCURATE RECORDS OF ALL DELIVERY DATES).
B) STORED MATERIAL SHALL BE NEATLY STACKED AND PLACED AT LOCATIONS DESIGNATED BY THE ENGINEER.
C) NO MATERIAL SHALL BE STORED ON SITE DURING HOLIDAY SHUTDOWN.
D) ON SITE STORAGE OF SUPPLIES AND MATERIALS FOR NON-ACTIVE TRADES SHALL NOT BE PERMITTED. "NO-ACTIVE" TRADES SHALL BE DEFINED FOR PURPOSES OF THIS AGREEMENT AS CRAFTS PERSONS NOT PART OF THE DAILY WORK FORCE AND/OR SCHEDULED TO BE PART OF THE CONTRACTOR'S WORK FORCE.

31- STORAGE OF MATERIALS AND EQUIPMENT, INCLUDING CONTRACTOR'S VEHICLES, EMPLOYEE'S CARS AND DUMP TRUCKS SHALL NOT BE PERMITTED TO STOP, STAND OR PARK IN ANY DESIGNATED TRAVEL LANE AT ANY TIME (CONTRACTOR'S VEHICLES, EQUIPMENT, MATERIALS AND PERSONAL BELONGINGS SHALL BE KEPT WITHIN THE DESIGNATED WORK AREAS). NO PORTION OF ANY TRUCK SHALL OVERHANG OR ENCROACH UPON A DESIGNATED TRAVEL LANE AT ANY TIME.

32- CONTRACTOR SHALL EXERCISE EXTREME CARE TO INSURE THAT EXCAVATION DEBRIS DOES NOT FALL INTO ANY TRAVEL LANE, CONTRACTOR SHALL INSTALL SIDE BOARDS ON TRUCK BODIES DURING LOADING OPERATIONS IF NECESSARY OR AS DIRECTED BY ENGINEER.

33- ALL TRAFFIC AND PED. SIGNALS SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES.

SPECIAL NOTE:

CONTRACTOR TO SUBMIT MAINTENANCE AND PROTECTION SCHEMES FOR EACH STAGE FOR REVIEW BY THE ENGINEER. MPT SCHEMES MUST BE SIGNED AND SEALED BY A NEW TORK STATE LICESENCED PROFESSIONAL ENGINEER. WORK CAN NOT COMMENCE ON A STAGE OF CONSTRUCTION UNTIL THE MPT SCHEME FOR THAT STAGE HAS BEEN APPROVED BY THE BNYDC.

STAGE I CONSTRUCTION OF CURBS AND SIDEWALKS

1.01- THE CONTRACTOR SHALL ESTABLISH HIS WORK AREA BY PLACING TRAFFIC CONTROL DEVICES AS SHOWN ON TYPICAL PLAN, SECTION AND DETAILS FOR STAGE IV AND AS DIRECTED BY THE ENGINEER.

1.02- ALL STREET LIGHTING WORK IN SIDEWALK AREAS TO BE COMPLETED BEFORE THE START OF CURB AND SIDEWALK, UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT ENGINEER.

1.03- THE CONTRACTOR SHALL CLOSE THE SIDEWALK AND DIVERT PEDESTRIANS AROUND WORK AREA AS INDICATED OR AS OTHERWISE DIRECTED. UPON COMPLETION OF CURB WORK AT EACH LOCATION, THE CONTRACTOR SHALL PLACE TEMPORARY ASPHALTIC CONCRETE PAVEMENT (ITEM NO. 4.02 CB) AS DIRECTED BY THE ENGINEER.

1.04- THE CONTRACTOR SHALL FURNISH, INSTALL AND REMOVE TEMPORARY PEDESTRIAN RAMPS TO FACILITATE THE FLOW OF PEDESTRIAN TRAFFIC AND ACCESS TO PRIVATE PROPERTY AS AND WHERE DIRECTED BY THE ENGINEER.

1.04- UPON COMPLETION OF EACH DAY'S WORK, THE CONTRACTOR SHALL RELOCATE THE BARRELS TO THE CURB LINE. THERE SHALL BE NO DIRECT PAYMENT FOR THE RELOCATION OF BARRELS AT END OF EACH WORK PERIOD AND REINSTALLATION OF BARRELS THE FOLLOWING WORKDAY.

1.05- UPON COMPLETION OF CURB WORK ON A BLOCK THE CONTRACTOR SHALL RESTORE THE ROADWAY PAVEMENT ADJACENT TO CURBS WITH ASPHALTIC CONCRETE MIXTURE (ITEM NO. 4.02 CB) AND THE SIDEWALK ADJACENT TO CURBS WITH ASPHALTIC CONCRETE MIXTURE (ITEM NO. 4.02 CB), EXCEPT WHERE SIDEWALK WORK WILL IMMEDIATELY FOLLOW CURB WORK.

1.06- UPON COMPLETION OF CURB WORK AT EACH LOCATION, THE CONTRACTOR SHALL PROCEED WITH THE CONSTRUCTION OF NEW SIDEWALK ADJACENT TO THE COMPLETED CURB AS NEEDED.

1.07- THE CONTRACTOR SHALL LIMIT THE EXTENT OF EXISTING SIDEWALK REMOVED EACH DAY TO THE SAME AREA OF CONCRETE SIDEWALK THAT WILL BE REPLACED ON THAT DAY. NO OPEN EXCAVATION SHALL REMAIN AT THE END OF EACH DAY'S WORK.

1.08- THE CONTRACTOR SHALL COMPLETE WORK IN THE SIDEWALK AREA AT EACH LOCATION BEFORE RETURNING IT TO SERVICE AND PROCEEDING AHEAD TO THE NEXT WORK AREA, AS APPROVED BY THE ENGINEER.

1.09- THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION WITH ASPHALTIC CONCRETE MIXTURE BETWEEN SIDEWALKS COMPLETED AND WORK YET TO BE COMPLETED.

1.10- STRAIGHT CURB & CORNER CURB SHALL NOT BE CONSTRUCTED AT THE SAME TIME.

1.11- STRAIGHT SIDEWALK AND CORNER SIDEWALK SHALL NOT BE CONSTRUCTED AT THE SAME TIME.

1.12- ACCESS TO ALL ABUTTING PROPERTIES, ENTRANCES AND EXITS FROM DWELLING, EMERGENCY EXITS AND PEDESTRIAN USAGE OF CROSSWALK AND SIDEWALK AREAS, BOTH NEW AND EXISTING, SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL PROVIDE ACCESS/EGRESS ON A "DEMAND" BASIS AS REQUIRED AND DIRECTED BY THE ENGINEER, AND SHALL PROVIDE SMOOTH RAMPS FOR LOCAL AND EMERGENCY TRAFFIC AT ALL TIMES IN EXCAVATED AREAS.

STAGE IV CONSTRUCTION OF ROADWAY PAVEMENT

2.01- THE CONSTRUCTION OF ALL SUBSURFACE FACILITIES, CURBS AND SIDEWALKS SHALL BE COMPLETED BEFORE THE START OF ANY ROADWAY EXCAVATION.

2.02- THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE PEDESTRIAN CROSSWALK IN EACH DIRECTION AT EACH INTERSECTION AS DIRECTED BY THE ENGINEER.

2.03- TRANSITION AREAS BETWEEN THE NEW ROADWAY AND THE EXISTING ROADWAY, ALL DRIVEWAYS AND ALL PROTRUDING STREET HARDWARE SHALL BE RAMPED WITH TEMPORARY ASPHALTIC CONCRETE MIXTURE (ITEM NO. 4.02 CB).

2.04- AFTER COMPLETION OF THIS STAGE, CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN FULL ROADWAY TO TRAFFIC AS DIRECTED BY THE ENGINEER.

2.05- THE CONTRACTOR SHALL WORK IN ONE BLOCK AT A TIME.

TOPOGRAPHIC SURVEY PREPARED BY:
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BROOKLYN NAVY YARD DEVELOPMENT CORPORATION

BUILDING 5 PARKING LOT

MAINTENANCE AND PROTECTION OF TRAFFIC

PROJECT ID. Y28818-0000368.00

SHEET 10 OF 10 M1/M1

CONSULTANT DESIGN

Building 5 parking lot, Contract 787

City & County Paving Corp.
Progress Schedule

Project Start: Sun, 5/1/2022

Display Week: 1

ITEM NUMBER		TASK	ASSIGNED TO	INSTALLED QUANTITY	BID QUANTITY	UNIT PRICE	TOTAL COMPLETED	PROGRESS	START	END		DAYS
		Parking lot										
	6.39 A	MOBILIZATION	MIKE B	1	1	$ 10,960.00	$ -	0%	5/1/22	5/2/22		1
	6.55	SAWCUT PAVEMENT	EDWIN	583	583	$ 5.00	$ -	0%	5/1/22	5/2/22		1
	6.02 AAN	UNCLASSIFIED EXCAVATION	EDWIN / COMACHO	59	59	$ 210.00	$ -	0%	5/2/22	5/3/22		1
	4.09 ADA	STRAIGHT STEEL FACED CURB	COMACHO	487	487	$ 80.00	$ -	0%	5/4/22	5/5/22		1
	4.09 CDA	CURVED STEEL FACED CURB	COMACHO	44	44	$ 300.00	$ -	0%	5/6/22	5/6/22		1
	4.04 CC	CONCRETE BASE	COMACHO	13	13	$ 385.00	$ -	0%	5/9/22	5/10/22		1
	4.13 AAS	4" CONCRETE SIDEWALK	COMACHO	814	814	$ 10.00	$ -	0%	5/10/22	5/11/22		1
	4.13 BAS	7" CONCRETE SIDEWALK	COMACHO	631	631	$ 12.00	$ -	0%	5/11/22	5/12/22		1
	4.13 DE	DETECTABLE WARNING PAVERS	COMACHO	80	80	$ 25.00	$ -	0%	5/12/22	5/13/22		1
	6.75	GRINDING EXIST ASPHALT	COMACHO	12	12	$ 1,000.00	$ -	0%	5/13/22	5/13/22		1
	6.50	CLEANING DRAINAGE STRUCTURE	COMACHO	3	3	$ 1,200.00	$ -	0%	5/16/22	5/16/22		1
	6.91	REFLECTIVE CRACK MEMBRANE	COMACHO	583	583	$ 10.00	$ -	0%	5/16/22	5/16/22		1
	4.02 CB	ASPHALT CONCRETE MIXTURE	DAVE	32	32	$ 90.00	$ -	0%	5/17/22	5/17/22		1
	4.02 AB-R	ASPHALT WEARING COURSE 1.5"	DAVE	258	258	$ 38.00	$ -	0%	5/17/22	5/17/22		1
	6.44	4" THERMOPLASTIC STRIPING	UNITED	1537	1537	$ 2.75	$ -	0%	5/18/22	5/19/22		2
	6.83 AR	FURNISH TRAFFIC SIGNS	COMACHO	3	3	$ 10.00	$ -	0%	5/19/22	5/20/22		1
	6.83 BA	INSTALLING TRAFFIC SIGNS	COMACHO	3	3	$ 15.00	$ -	0%	5/19/22	5/20/22		1
	6.52 A	FLAGPERSON	MIKE B	40	40	$ 65.00	$ -	0%	5/20/22	5/21/22		1
				TOTAL COMPLETED AND STORED TO DATE			$ -					

May 2, 2022							May 9, 2022							May 16, 2022						
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S

CORE ENVIRONMENTAL CONSULTANTS
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May 10, 2022

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
Manhole Repairs – Building 3

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system adjacent to Building 3 at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Building 3 – corner of 7th Avenue and South Street (see attached Location figures)

Scope: Raytone Plumbing Spec., Inc. has been contracted to excavate a steam line and steam manhole at the corner of 7th Avenue and South Street adjacent to Building 3. The excavation is required to complete repairs on the steam line and seam manhole. Approximately 40 LF of excavation may be required, at a total depth of 4-feet. All work will be completed in accordance with the NYSDEC approved Site Management Plan and Excavation Work Plan. All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. CORE will provide a Qualified Environmental Professional on-site and community air monitoring will be performed. The cover system will be restored after completion of the steam line repairs. The contractors excavation work plan is attached.

Schedule: Work is to begin after NYSDEC notification approval and will last approximately one day.

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch, Senior Project Manager

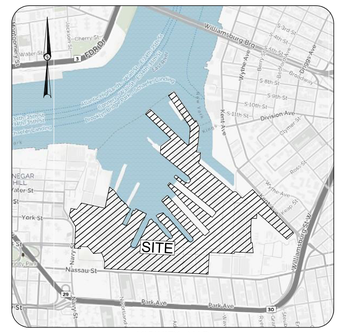
NYSPCS, LONG ISLAND ZONE (NAD 83)

00°-03'-03"

REEL 5103, PG. 24

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD BRG.	CH DIST.
C1	218.35'	69.50'	180°00'00"	S63°07'32"E	139.00'
C2	16.96'	11.00'	88°20'10"	N03°27'46"E	15.33'
C3	17.27'	11.00'	89°56'56"	S87°23'41"E	15.55'
C4	14.09'	10.00'	80°45'10"	N01°00'15"W	12.96'
C5	15.35'	10.00'	87°57'10"	N83°20'55"E	13.89'
C6	15.54'	10.00'	89°02'17"	N04°46'16"W	14.02'
C7	15.60'	10.00'	89°23'52"	N84°26'48"E	14.07'
C8	69.35'	49.51'	80°15'33"	N86°49'49"E	63.82'

LINE TABLE			LINE TABLE			LINE TABLE		
LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	N02°50'14"E	483.53'	L44	N49°33'43"E	60.57'	L87	S46°03'51"E	1164.36'
L2	N30°08'03"W	280.55'	L45	N26°44'31"W	120.46'	L88	N43°59'09"E	43.82'
L3	N12°03'06"E	170.42'	L46	N40°45'18"W	291.28'	L89	N04°38'10"E	344.94'
L4	S79°14'14"E	131.27'	L47	S49°14'42"W	11.95'	L90	N14°37'20"W	54.20'
L5	N36°40'24"E	174.98'	L48	N40°45'18"W	83.89'	L91	N34°39'02"W	830.99'
L6	S77°47'43"E	540.19'	L49	N19°42'58"W	51.43'	L92	N55°20'58"E	150.30'
L7	N12°12'17"E	482.29'	L50	N41°03'46"W	63.25'	L93	S34°39'02"E	804.97'
L8	S82°24'16"E	5.60'	L51	N54°42'44"E	50.18'	L94	N55°20'58"E	39.14'
L9	S09°17'46"W	5.78'	L52	N73°14'08"E	109.18'	L95	S26°24'40"E	171.88'
L10	S54°39'55"E	123.38'	L53	S41°33'58"E	128.91'	L96	S04°42'39"W	334.00'
L11	S35°24'08"E	99.26'	L54	N49°12'52"E	17.77'	L97	S10°02'16"W	223.31'
L12	S35°28'11"E	122.43'	L55	S40°47'08"E	728.91'	L98	S85°03'29"E	90.54'
L13	S47°45'55"E	201.62'	L56	S68°33'49"E	50.64'	L99	S03°53'53"W	144.14'
L14	S29°10'43"E	74.73'	L57	N49°03'33"E	69.55'	L100	S21°41'24"W	97.85'
L15	S62°41'10"E	57.18'	L58	N13°40'31"W	49.52'	L101	S50°15'37"E	637.21'
L16	S27°18'50"W	92.21'	L59	N40°47'08"W	729.44'	L102	S49°46'00"E	382.01'
L17	N62°41'10"W	16.05'	L60	N49°12'52"E	13.89'	L103	S44°09'13"E	188.90'
L18	S26°37'32"W	286.61'	L61	N40°42'19"W	345.36'	L104	N50°14'31"E	303.15'
L19	S63°23'06"E	97.92'	L62	N47°37'51"E	156.52'	L105	S43°28'53"E	1318.14'
L20	N26°46'02"E	285.89'	L63	S42°25'13"E	110.42'	L106	S28°07'24"E	20.26'
L21	N62°41'10"W	15.94'	L64	S42°29'59"E	1085.96'	L107	S46°34'51"W	203.20'
L22	N27°18'50"E	91.73'	L65	S61°22'28"E	29.01'	L108	N47°39'18"W	878.73'
L23	S62°41'10"E	34.62'	L66	N47°44'22"E	130.95'	L109	S42°20'42"W	38.42'
L24	N25°09'37"E	53.89'	L67	N23°21'17"W	29.71'	L110	S02°28'42"W	99.27'
L25	N19°52'46"W	12.55'	L68	N42°23'50"W	1023.78'	L111	N86°55'35"W	117.38'
L26	N73°05'53"E	14.80'	L69	N41°22'50"W	343.52'	L112	S03°04'25"W	238.00'
L27	S64°12'29"E	50.20'	L70	N39°22'20"E	46.96'	L113	N86°55'35"W	2.00'
L28	S20°08'21"E	8.80'	L71	S52°40'30"E	140.24'	L114	S01°03'20"E	303.67'
L29	S25°18'50"W	11.68'	L72	S50°43'00"E	1082.50'	L115	S82°50'55"E	28.92'
L30	S64°41'10"E	205.26'	L73	N39°23'35"E	129.68'	L116	S05°16'30"E	229.45'
L31	S25°39'09"W	155.47'	L74	N27°11'09"W	50.74'	L117	N87°28'35"W	419.05'
L32	N64°20'51"W	11.86'	L75	N50°31'56"W	1067.42'	L118	S02°26'28"W	35.76'
L33	S26°52'28"W	581.92'	L76	N49°17'25"W	108.87'	L119	N87°28'41"W	560.79'
L34	N26°52'28"E	575.85'	L77	N39°44'52"E	40.52'	L120	S03°02'50"W	484.07'
L35	N64°28'24"W	7.31'	L78	S50°51'16"E	252.00'	L121	N86°57'10"W	2323.21'
L36	N25°31'36"E	64.19'	L79	S80°27'14"E	90.63'	L122	N02°45'20"E	172.42'
L37	N59°45'26"E	67.43'	L80	N39°34'18"E	67.46'	L123	N19°24'07"W	168.10'
L38	S39°29'48"E	85.46'	L81	N20°18'40"W	85.18'	L124	N39°18'55"W	27.97'
L39	S69°51'51"E	43.46'	L82	N50°48'18"W	836.33'	L125	S84°59'35"W	173.74'
L40	S40°45'18"E	85.18'	L83	N03°02'16"E	159.96'	L126	N39°21'30"W	194.54'
L41	S49°10'03"W	10.10'	L84	N52°34'06"E	285.72'	L127	N87°14'30"W	165.20'
L42	S40°45'19"E	292.05'	L85	N46°03'51"W	789.14'	L128	S02°39'20"W	46.68'
L43	S52°51'21"E	118.97'	L86	N43°56'09"E	150.00'	L129	N87°16'25"W	132.77'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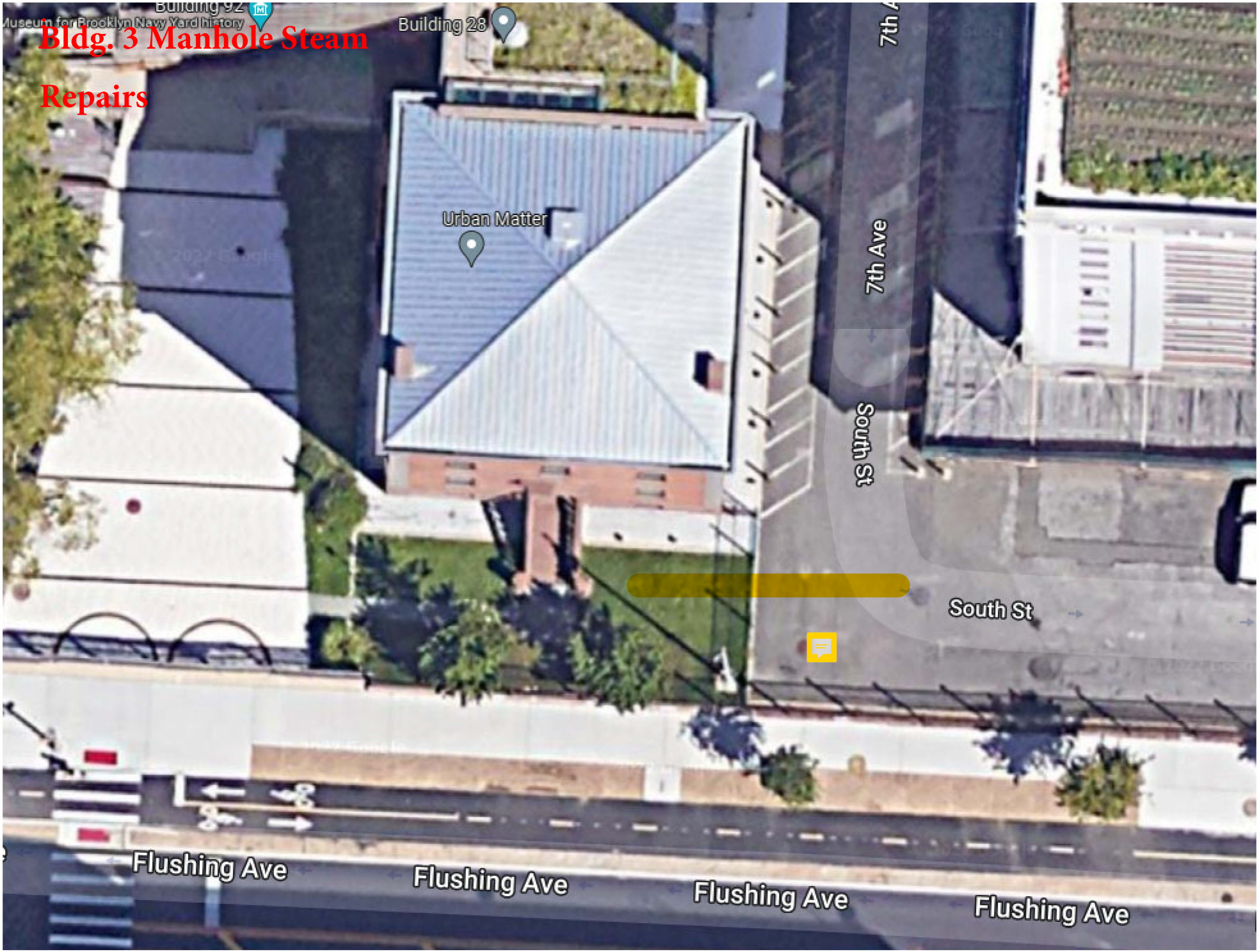

Bldg. 3 Manhole Steam
Repairs
Building 92
Museum for Brooklyn Navy Yard History
Building 28
Urban Matter
7th Ave
South St
South St
Flushing Ave
Flushing Ave
Flushing Ave
Flushing Ave

CORE ENVIRONMENTAL CONSULTANTS
22-48 119th Street, College Point, NY 11356 • Phone: 718.786.4730 • Fax: 718.786.4764
2312 Wehrle Dr., Buffalo, NY 14221 • Phone: 716-204-8054 • Fax 716-204-8557

May 11, 2022

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
Electrical Duct Bank Repair – Adjacent to Building 27

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system adjacent to Building 27 at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Adjacent to Building 27 – corner of 8th Avenue and Paulding Street (see attached Location figures)

Scope: An excavation is required to be performed on an Electric Duct Bank at the corner of 8th Avenue and Paulding Street adjacent to Building 27. The excavation is required to complete repairs of an obstruction in an Electric Duct Bank. Approximately 30 LF of excavation may be required, at a total depth of 3-feet. All work will be completed in accordance with the NYSDEC approved Site Management Plan and Excavation Work Plan. All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. CORE will provide a Qualified Environmental Professional on-site and community air monitoring will be performed. The cover system will be restored after completion of the Electric Duct Bank repairs. The contractor's excavation work plan is attached.

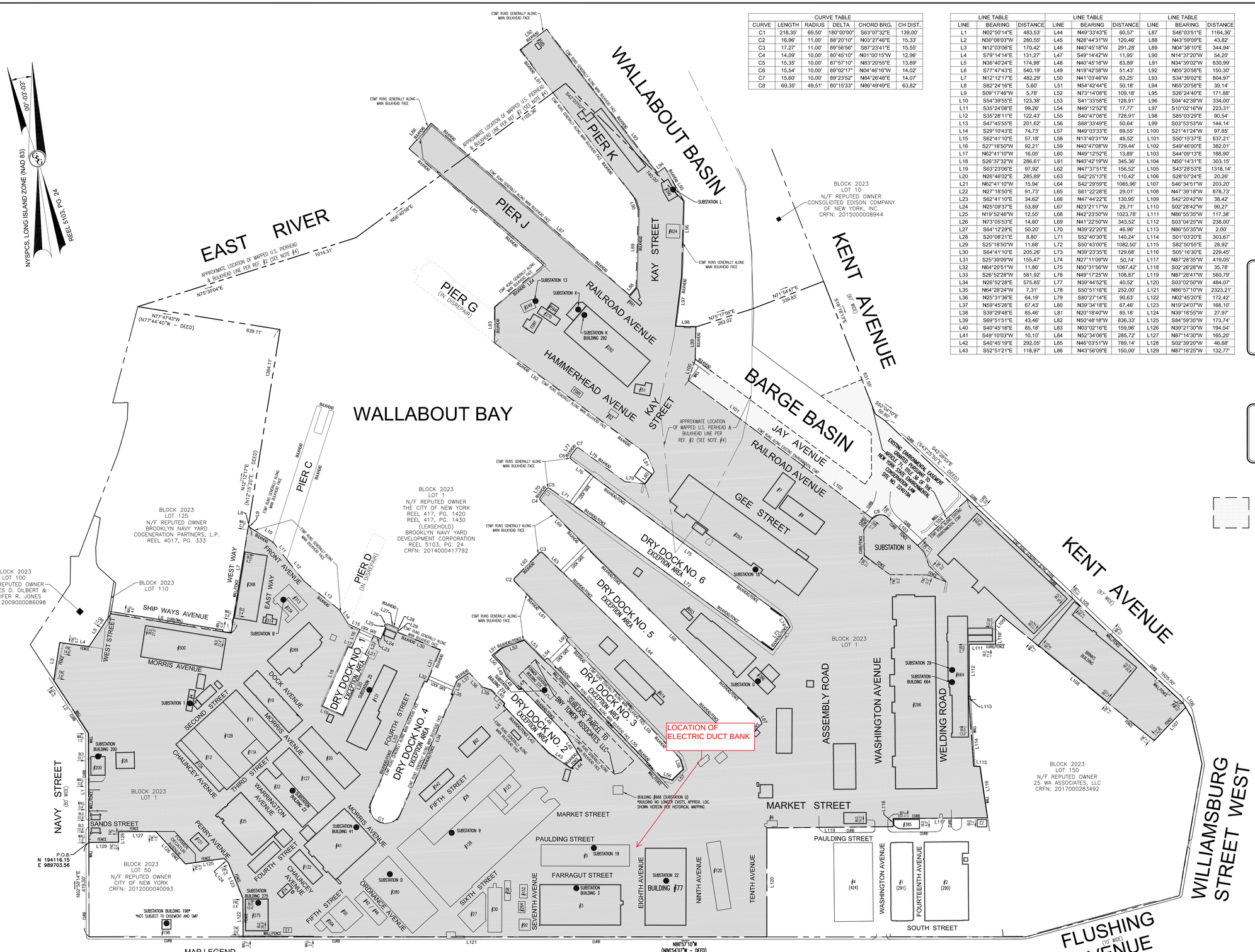
Schedule: Work is to begin after NYSDEC notification approval and will last approximately one day.

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730.

Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch, Senior Project Manager


NYSPCS, LONG ISLAND ZONE (NAD 83)
0°00'-03"
REEL 5103, PG. 24
EAST RIVER
WALLABOUT BAY
WALLABOUT BASIN
BARGE BASIN
PIER K
PIER J
PIER G
(IN DISREPAIR)
PIER C
PIER D
(IN DISREPAIR)
KAY STREET
KENT AVENUE
(67' WIDE)
RAILROAD AVENUE
HAMMERHEAD AVENUE
JAY AVENUE
GEE STREET
DRY DOCK NO. 1 EXCEPTION AREA
DRY DOCK NO. 2 EXCEPTION AREA
DRY DOCK NO. 3 EXCEPTION AREA
DRY DOCK NO. 4 EXCEPTION AREA
DRY DOCK NO. 5 EXCEPTION AREA
DRY DOCK NO. 6 EXCEPTION AREA
BNY TOWER ASSOCIATES LLC
SUBLEASE PARCEL 16
BLOCK 2023
LOT 10
N/F REPUTED OWNER
CONSOLIDATED EDISON COMPANY
OF NEW YORK, INC.
CRFN: 2015000008944
BLOCK 2023
LOT 125
N/F REPUTED OWNER
BROOKLYN NAVY YARD
COGENERATION PARTNERS, L.P.
REEL 4017, PG. 333
BLOCK 2023
LOT 1
N/F REPUTED OWNER
THE CITY OF NEW YORK
REEL 417, PG. 1420
REEL 417, PG. 1430
(LEASEHOLD)
BROOKLYN NAVY YARD
DEVELOPMENT CORPORATION
REEL 5103, PG. 24
CRFN: 2014000417792
BLOCK 2023
LOT 100
N/F REPUTED OWNER
CHARLES D. GILBERT &
JENNIFER R. JONES
CRFN: 2009000086098
BLOCK 2023
LOT 110
BLOCK 2023
LOT 1
BLOCK 2023
LOT 50
N/F REPUTED OWNER
CITY OF NEW YORK
CRFN: 2012000040093
BLOCK 2023
LOT 1
BLOCK 2023
LOT 1
BLOCK 2023
LOT 150
N/F REPUTED OWNER
25 WA ASSOCIATES, LLC
CRFN: 2017000283492
APPROXIMATE LOCATION OF MAPPED U.S. PIERHEAD & BULKHEAD LINE PER REF. #2 (SEE NOTE #4)
APPROXIMATE LOCATION OF MAPPED U.S. PIERHEAD & BULKHEAD LINE PER REF. #2 (SEE NOTE #4)
APPROXIMATE LOCATION OF MAPPED U.S. PIERHEAD & BULKHEAD LINE PER REF. #2 (SEE NOTE #4)
N69°40'58"E
1014.31'
N75°30'04"E
(N77°47'43"W - DEED)
639.11'
1394.11'
N12°12'17"E
(N12°12'17"E - DEED)
1205.36'
S42°03'00"E
1740.00'
N71°54'47"E
339.83'
N75°17'56"E
262.02'
S18°05'13"E
601.55'
S62°34'10"E
50.16'
S42°25'50"W
(S42°25'50"E - DEED)
N02°50'14"E
419.00'
N
E
P.O.B
N 194116.15
E 989703.56
S87°57'10"W
(N86°54'07"W - DEED)
FLUSHING AVENUE
(70' WIDE)
WILLIAMSBURG STREET WEST
FLUSHING AVENUE
(70' WIDE)
NAVY STREET
(60' WIDE)
WEST STREET
WEST WAY
FRONT AVENUE
SHIP WAYS AVENUE
MORRIS AVENUE
DOCK AVENUE
SECOND STREET
THIRD STREET
FOURTH STREET
FIFTH STREET
SIXTH STREET
SEVENTH AVENUE
EIGHTH AVENUE
NINTH AVENUE
TENTH AVENUE
CHAUNCEY AVENUE
WARRINGTON AVENUE
PERRY AVENUE
ORDNANCE AVENUE
SANDS STREET
MARKET STREET
PAULDING STREET
FARRAGUT STREET
SOUTH STREET
ASSEMBLY ROAD
WASHINGTON AVENUE
WELDING ROAD
FOURTEENTH AVENUE
SUBSTATION 1
SUBSTATION B
SUBSTATION 2
SUBSTATION D
SUBSTATION 9
SUBSTATION 13
SUBSTATION K
SUBSTATION K BUILDING 292
SUBSTATION L
SUBSTATION 16
SUBSTATION 18
SUBSTATION 19
SUBSTATION 22
SUBSTATION BUILDING 3
SUBSTATION H
SUBSTATION 29
SUBSTATION BUILDING 664
SUBSTATION 25
SUBSTATION BUILDING 41
SUBSTATION BUILDING 200
SUBSTATION BUILDING 275
SUBSTATION BUILDING 198*
*NOT SUBJECT TO EASEMENT AND SMP
BUILDING #668 (SUBSTATION Q)
*BUILDING NO LONGER EXISTS, APPROX. LOC. SHOWN HEREON PER HISTORICAL MAPPING
LOCATION OF ELECTRIC DUCT BANK
EXISTING ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW SITE NO. 224019A
EXISTING ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW SITE NO. 224019A
BULKHEAD
BULKHEAD/FENCE
RETAINING WALL
CURB
CURB CUT
FENCE
WALL/FENCE
CONCRETE
ASPHALT
BLDG
BUILDING
#500
#269
#10
#11
#12B
#11A
#12
#13
#20
#127
#22
#25
#41
#132
#280
#30
#27
#28
#23
#42
#43
#44
#45
#46
#50
#50A
#51
#52
#92
#93
#94
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#129
#130
#131


8th Ave
Paulding St
STOP
P
P
P
8th Ave
STOP
Market St

CORE ENVIRONMENTAL CONSULTANTS
22-48 119th Street, College Point, NY 11356 • Phone: 718.786.4730 • Fax: 718.786.4764
2312 Wehrle Dr., Buffalo, NY 14221 • Phone: 716-204-8054 • Fax 716-204-8557

June 22, 2022

Mr. Charles Post
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: Minor Disturbance 15 Day Notice – BNYDC VCP Site V00120
Clinton Ave and Cumberland St Security Gates – Geotechnical Borings and Test Pits

Dear Mr. Post:

On behalf of The Brooklyn Navy Yard Development corporation, we have prepared this letter to notify the Department of a **Minor Disturbance** of the cover system at two security booths and lift gates adjacent to Flushing Ave at the Brooklyn Navy Yard. Minor disturbances of the site-wide cover require a 15-day notification as per the Department approved Site Management Plan (SMP)

Location: Flushing Ave Security Gates at Clinton Avenue and Cumberland Street

Scope: The work consists of two geotechnical borings and one Test Pit at the Clinton Ave Security Gate, and one geotechnical boring and one Test Pit at the Cumberland St Security Gate. Soils samples will be collected from the borings for the determination of geotechnical parameters. These are to determine the stratigraphy at each location and determine the soil types. The borings will be advanced 40 ft into the soil. Borings will be advanced via mud rotary drilling with a self-contained recirculating system. The encountered conditions at the test pits will be overseen and documented by an engineer with photographical and written logs. Test pits will be excavated to depths of 5 to 7 feet below grade with sloping sides that meet OSHA criteria. See the attached plans for the location of the borings.

All work will be completed in accordance with the NYSDEC approved Site Management Plan and Excavation Work Plan. All work will be performed in accordance with the SMP Health & Safety Plan and Excavation Work Plan. A Qualified Environmental Professional will be on-site and community air monitoring will be performed. The cover system will be restored after completion of the steam line repairs.

Schedule: The schedule for the geotechnical borings and test pits is to begin the week of July 13, 2022 and will be completed in 3 days.

If you have any questions or require any additional information, feel free to contact us at (718) 786-4730. Sincerely,

CORE Environmental Consultants, Inc.

Ronal Tramposch, Senior Project Manager

APPENDIX E

Daily Status Reports

CORE ENVIRONMENTAL CONSULTANTS

Brooklyn Navy Yard, Backflow Preventer, 2022-04-11, Starting 7am tomorrow

Created	2022-04-11 12:52:40 UTC by Jake Frishberg
Updated	2022-04-11 19:07:53 UTC by Jake Frishberg
Location	40.701192054004316, -73.98034329533016

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-11
Arrive On-Site	07:53
Depart Site	14:07

Conditions

Clear, Warm, 50, 4, NNW, 11:27

Weather	Clear, Warm
Temperature (F)	50
Wind Speed (MPH)	4
Wind Direction	NNW
Time	11:27

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

11:25, Started excavating the asphalt, started the sensors a few minutes ago

Time	11:25
Description	Started excavating the asphalt, started the sensors a few minutes ago

13:16, Starting to cut a section of asphalt with a saw, using water as a dust prevention method

Time	13:16
Description	Starting to cut a section of asphalt with a saw, using water as a dust prevention method

13:37, After the saw, they were done for the day. The reader seems to be stuck at around 5 downwind long after they stopped cutting

Time	13:37

Description	After the saw, they were done for the day. The reader seems to be stuck at around 5 downwind long after they stopped cutting

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	 
Time	11:26
Description	Downwind

Upwind

Photo	 
Time	11:26

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 11:50, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:50
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:51, 0

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:51
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 12:25, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:25
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 12:26, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:26
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:02, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:02
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:02, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:02
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 13:35, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:35
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 13:36, 4.97

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:36
Concentration	4.97

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am tomorrow

Brooklyn Navy Yard, Backflow Preventer, 2022-04-12, Start at 7am tomorrow

Created	2022-04-12 12:13:42 UTC by Jake Frishberg
Updated	2022-04-12 19:36:38 UTC by Jake Frishberg
Location	40.701222983226835, -73.98034153513049

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-12
Arrive On-Site	07:14
Depart Site	14:20

Conditions

Cool, Overcast, Rain, 48, 2, SW, 08:14

Weather	Cool, Overcast, Rain
Temperature (F)	48
Wind Speed (MPH)	2
Wind Direction	SW
Time	08:14

Clear, Warm, 61, 5, NW, 12:32

Weather	Clear, Warm
Temperature (F)	61
Wind Speed (MPH)	5
Wind Direction	NW
Time	12:32

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:16, Starting to power up gear, starting with cutting the asphalt

Time	08:16
Description	Starting to power up gear, starting with cutting the asphalt

09:03, Starting use of excavator

Time	09:03
Description	Starting use of excavator

12:38, Moved monitoring stations to account for a change in wind direction from original setup this morning

Time	12:38
Description	Moved monitoring stations to account for a change in wind direction from original setup this morning

13:03, Cleaning up site, moving soil mounds to plastic tarps, brushing and shoveling dirt not moved by excavator

Time	13:03
Description	Cleaning up site, moving soil mounds to plastic tarps, brushing and shoveling dirt not moved by excavator

14:14, Ended monitoring, they’re cleaning up the worksite and covering excavations & dirt piles

Time	14:14
Description	Ended monitoring, they’re cleaning up the worksite and covering excavations & dirt piles

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	 
Time	08:18
Description	Downwind

Upwind

Photo

Time	08:18

Description	Upwind

Worksite

Photo	
Time	09:17
Description	Worksite

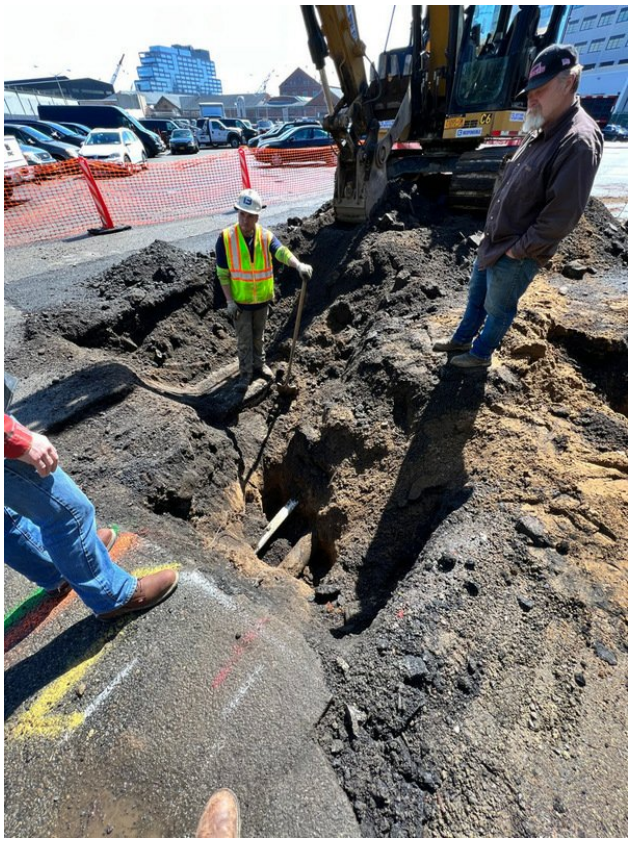
Excavation currently about 6 feet deep, no smells or indication of contamination

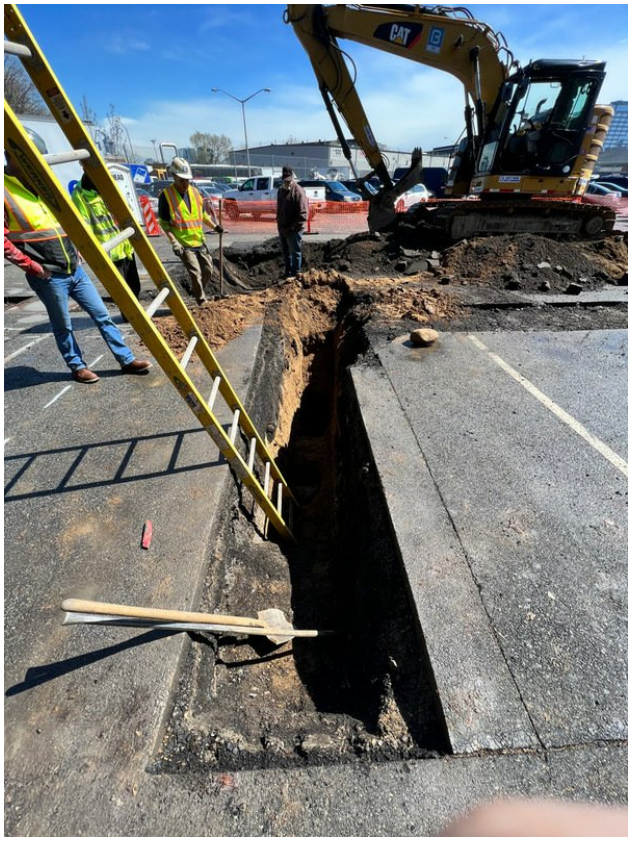
Photo	
Time	10:44

Description	Excavation currently about 6 feet deep, no smells or indication of contamination

Worksite photos

Photo





Time	11:24
Description	Worksite photos

Worksite photos towards end of day

Photo

Time	14:20
Description	Worksite photos towards end of day

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:15, 0.14

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:15
Concentration	0.14

PM-10, Dusttrak Monitor, Upwind, 08:15, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:15
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 08:47, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:47
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 08:47, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:47
Concentration	0.047

PM-10, Dusttrak Monitor, Upwind, 09:17, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:17
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 09:18, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:18
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 10:01, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:01
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 10:02, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:02

Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 10:38, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:38
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 10:39, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:39
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 11:20, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:20
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 11:21, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:21
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 11:50, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:50
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 11:51, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:51
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 12:29, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	12:29
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 12:30, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:30
Concentration	0.014

VOCs, MiniRAE 2000, Soil Excavation Area, 12:31, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	12:31
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 13:04, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:04
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 13:05, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:05
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 13:38, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:38
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:39, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:39
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 14:10, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:10
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 14:11, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:11
Concentration	0.009

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Start at 7am tomorrow

Brooklyn Navy Yard, Backflow Preventer, 2022-04-13, Starting 7am tomorrow

Created	2022-04-13 11:24:37 UTC by Ron Tramposch
Updated	2022-04-13 19:27:15 UTC by Jake Frishberg
Location	40.7011727, -73.980303

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jacob Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-13
Arrive On-Site	07:20
Depart Site	14:30

Conditions

Clear, Cool, 52, 2, NE, 07:25

Weather	Clear, Cool
Temperature (F)	52
Wind Speed (MPH)	2
Wind Direction	NE
Time	07:25

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:20, Arrived on site, they had already begun working so setup immediately and started as soon as possible

Time	07:20
Description	Arrived on site, they had already begun working so setup immediately and started as soon as possible

10:15, Filled in one part of the excavation, cleaning up the dirt they excavated back into the trench

Time	10:15
Description	Filled in one part of the excavation, cleaning up the dirt they excavated back into the trench

11:15, Filling in another hole, again using the same dirt that was excavated from that section to fill it in

Time	11:15

Description	Filling in another hole, again using the same dirt that was excavated from that section to fill it in

11:37, Beginning to cut more asphalt for further excavation

Time	11:37
Description	Beginning to cut more asphalt for further excavation

12:23, Starting to remove more asphalt for further excavation

Time	12:23
Description	Starting to remove more asphalt for further excavation

14:10, Shoring arrived and they moved it onsite for tomorrow. They are done excavating and are cleaning up the site with erosion control & cones.

Time	14:10
Description	Shoring arrived and they moved it onsite for tomorrow. They are done excavating and are cleaning up the site with erosion control & cones.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:29
Description	Downwind

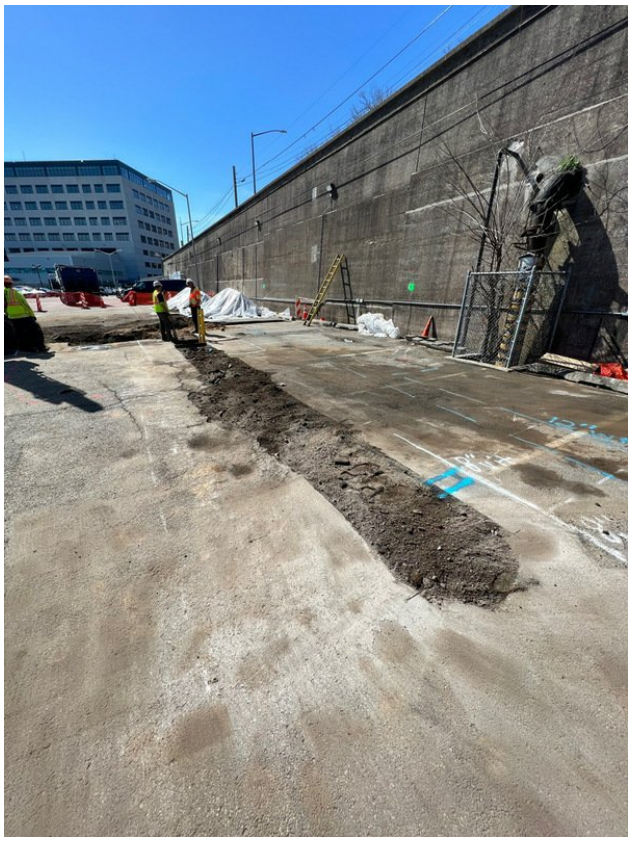
Upwind

Photo

Time	07:32
Description	Upwind

Worksite photos from 9am to 11:30am

Photo



Time	11:29
Description	Worksite photos from 9am to 11:30am

Photos from 11:30am to 2pm

Photo

Time	14:11
Description	Photos from 11:30am to 2pm

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:33, 0.056

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:33
Concentration	0.056

PM-10, Dusttrak Monitor, Downwind, 07:34, 0.056

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:34
Concentration	0.056

PM-10, Dusttrak Monitor, Upwind, 08:03, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:03

Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 08:04, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:04
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 08:35, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:35
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 08:36, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:36
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 09:09, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:09
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 09:09, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:09
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 09:39, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:39
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 09:40, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	09:40
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 10:13, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:13
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 10:13, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:13
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 10:48, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:48
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 10:49, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:49
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 11:24, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:24
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 11:25, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:25
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 11:56, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:56
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 11:57, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:57
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 12:30, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:30
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 12:31, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:31
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 13:02, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:02
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 13:03, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:03
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 13:36, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:36

Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 13:36, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:36
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 14:05, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:05
Concentration	0.045

PM-10, Dusttrak Monitor, Downwind, 14:06, 0.049

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:06
Concentration	0.049

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am tomorrow

Brooklyn Navy Yard, Backflow Preventer, 2022-04-14

Created	2022-04-14 12:05:02 UTC by Jake Frishberg
Updated	2022-04-14 19:31:47 UTC by Jake Frishberg
Location	40.70130101874536, -73.98042652762865

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-14
Arrive On-Site	07:10
Depart Site	14:28

Conditions

Warm, Clear, Sunny , 65, 2, S, 08:05

Weather	Warm, Clear, Sunny
Temperature (F)	65
Wind Speed (MPH)	2
Wind Direction	S
Time	08:05

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:37, Banckers people are collecting materials from another site then coming back to work here

Time	07:37
Description	Banckers people are collecting materials from another site then coming back to work here

08:54, Workers arrived back on site

Time	08:54
Description	Workers arrived back on site

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:10

Description	Upwind

Downwind

Photo

Time	08:12
Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:10, 0.05

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:10
Concentration	0.05

PM-10, Dusttrak Monitor, Downwind, 08:12, 0.055

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:12
Concentration	0.055

PM-10, Dusttrak Monitor, Upwind, 08:57, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:57
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 08:58, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:58
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 09:35, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:35
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 09:36, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:36
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 10:12, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:12
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 10:12, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:12
Concentration	0.045

PM-10, Dusttrak Monitor, Downwind, 10:49, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:49
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 10:49, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:49
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 11:25, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:25
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 11:25, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:25
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 12:00, 0.056

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:00
Concentration	0.056

PM-10, Dusttrak Monitor, Downwind, 12:02, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:02
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 12:35, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:35
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 12:36, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:36
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 13:12, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:12
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 13:12, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:12
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 13:46, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:46
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 13:46, 0.02

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	13:46
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 14:12, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:12
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 14:14, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:14
Concentration	0.022

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Backflow Preventer, 2022-04-15, Starting 7am on Monday

Created	2022-04-15 11:00:57 UTC by Jake Frishberg
Updated	2022-04-18 15:19:35 UTC by Jake Frishberg
Location	40.70119226355171, -73.98035427562331

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-15
Arrive On-Site	06:55
Depart Site	13:25

Conditions

Clear, Warm, 50, 1, NW, 07:01

Weather	Clear, Warm
Temperature (F)	50
Wind Speed (MPH)	1
Wind Direction	NW
Time	07:01

Warm, Clear, 61, 6, WNW, 11:31

Weather	Warm, Clear
Temperature (F)	61
Wind Speed (MPH)	6
Wind Direction	WNW
Time	11:31

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

10:02, Further excavated the southern side of the vault to cap pipes

Time	10:02
Description	Further excavated the southern side of the vault to cap pipes

13:03, Further excavated the north side of the vault locating pipes

Time	13:03
Description	Further excavated the north side of the vault locating pipes

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:13
Description	Downwind

Upwind

Photo

Time	07:13
Description	Upwind

End of day site photo

Photo

Time	13:20

Description	End of day site photo

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:11, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:11
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 07:12, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:12
Concentration	0.003

PM-10, Dusttrak Monitor, Upwind, 07:45, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:45
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 07:45, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:45
Concentration	0.003

PM-10, Dusttrak Monitor, Upwind, 08:20, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:20
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 08:21, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:21
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 08:53, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:53
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 08:54, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:54
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 09:48, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:48
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 09:49, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:49
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 10:22, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:22
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:23, 0.001

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:23
Concentration	0.001

PM-10, Dusttrak Monitor, Upwind, 10:57, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	10:57
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:57, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:57
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 11:32, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:32
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:32, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:32
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 12:03, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:03
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 12:04, 0

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:04
Concentration	0

PM-10, Dusttrak Monitor, Downwind, 12:37, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:37
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 12:38, 0.008

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	12:38
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 13:06, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:06
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 13:08, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:08
Concentration	0.014

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am on Monday

Brooklyn Navy Yard, Backflow Preventer, 2022-04-18, Starting tomorrow at 7am

Created	2022-04-18 11:04:41 UTC by Jake Frishberg
Updated	2022-04-18 19:27:15 UTC by Jake Frishberg
Location	40.70142347835088, -73.9805466403011

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-18
Arrive On-Site	06:50
Depart Site	14:40

Conditions

Cold, Clear, 45, 2, N, 07:07

Weather	Cold, Clear
Temperature (F)	45
Wind Speed (MPH)	2
Wind Direction	N
Time	07:07

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	Yes
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:02, New excavator arrived on site

Time	07:02
Description	New excavator arrived on site

09:26, Destroying the original vault and extracting the pieces to be hauled offsite. Maybe some small amounts of soil goes with it but the fill has been extremely clean

Time	09:26
Description	Destroying the original vault and extracting the pieces to be hauled offsite. Maybe some small amounts of soil goes with it but the fill has been extremely clean

13:25, Cleaning up the site and backfilling the hole to 4 feet deep

Time	13:25

Description	Cleaning up the site and backfilling the hole to 4 feet deep

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:12
Description	Upwind

Downwind

Photo	 
Time	07:12
Description	Downwind

Site photos from this morning

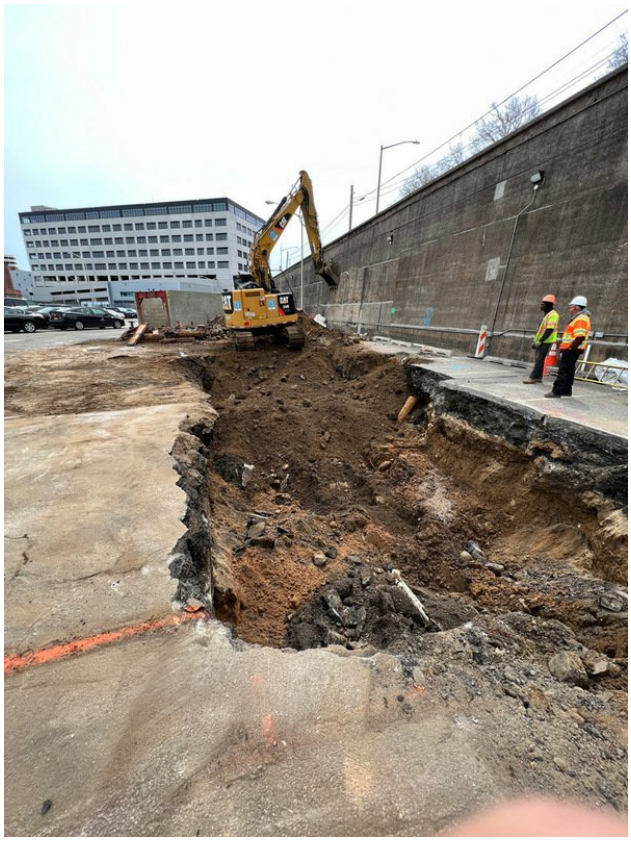
Photo


CAT


CAT

Time	09:32
Description	Site photos from this morning

Photos from the site this afternoon

Photo	
	
Time	15:26
Description	Photos from the site this afternoon

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:04, 0.005

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	07:04
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 07:05, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:05
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 07:31, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:31
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 07:37, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:37
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 08:10, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:10
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 08:10, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:10
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 08:46, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:46
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 08:46, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:46
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 09:22, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:22
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 09:23, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:23
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 09:58, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:58
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 09:59, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:59
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 10:32, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:32
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:33, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	10:33
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 11:20, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:20
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 11:20, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:20
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 11:51, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:51
Concentration	0.003

PM-10, Dusttrak Monitor, Downwind, 11:51, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:51
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 12:23, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:23
Concentration	0.003

PM-10, Dusttrak Monitor, Downwind, 12:24, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:24
Concentration	0.003

PM-10, Dusttrak Monitor, Upwind, 12:58, 0.004

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	12:58
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 12:58, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:58
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 13:37, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:37
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:38, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:38
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 14:09, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:09
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 14:10, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:10
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 14:25, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:25
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 14:27, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:27
Concentration	0.007

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting tomorrow at 7am

Brooklyn Navy Yard, Backflow Preventer, 2022-04-19, Starting 7am tmo

Created	2022-04-19 11:23:18 UTC by Jake Frishberg
Updated	2022-04-19 19:39:57 UTC by Jake Frishberg
Location	40.70122601228944, -73.98004926632316

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jacob Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-19
Arrive On-Site	07:00
Depart Site	14:45

Conditions

Rain, Overcast, Cool, 44, 7, NW, 07:15

Weather	Rain, Overcast, Cool
Temperature (F)	44
Wind Speed (MPH)	7
Wind Direction	NW
Time	07:15

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

14:38, Day was spent moving construction equipment and machines from Pit I to Pit A for sheeting driving tomorrow

Time	14:38
Description	Day was spent moving construction equipment and machines from Pit I to Pit A for sheeting driving tomorrow

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	07:33
Description	Upwind

Downwind

Photo	 
Time	07:43

Description	Downwind

Picture from the site

Photo	
Time	13:39
Description	Picture from the site

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:36, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:36
Concentration	0.002

PM-10, Dusttrak Monitor, Downwind, 07:36, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:36
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 08:20, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:20
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 08:21, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:21
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 08:58, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:58
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 08:58, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:58
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 09:46, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:46
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 09:47, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:47
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 10:39, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:39
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 10:39, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	10:39
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 11:17, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:17
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:17, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:17
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 11:48, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:48
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 11:48, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:48
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 12:18, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:18
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 12:18, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:18
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 12:50, 0.01

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	12:50
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 12:51, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:51
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 13:24, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:24
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:24, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:24
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 14:01, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:01
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 14:02, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:02
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 14:30, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:30
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 14:32, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:32
Concentration	0.008

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am tmo

Brooklyn Navy Yard, Backflow Preventer, 2022-04-20, Starting 7am tomorrow

Created	2022-04-20 11:02:34 UTC by Jake Frishberg
Updated	2022-04-20 19:26:13 UTC by Jake Frishberg
Location	40.701251402954085, -73.97979909253269

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-20
Arrive On-Site	07:00
Depart Site	14:20

Conditions

Clear, Cool, 5, W, 07:03

Weather	Clear, Cool
Wind Speed (MPH)	5
Wind Direction	W
Time	07:03

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:16, Installing metal side sheeting

Time	08:16
Description	Installing metal side sheeting

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:21
Description	Upwind

Downwind

Photo

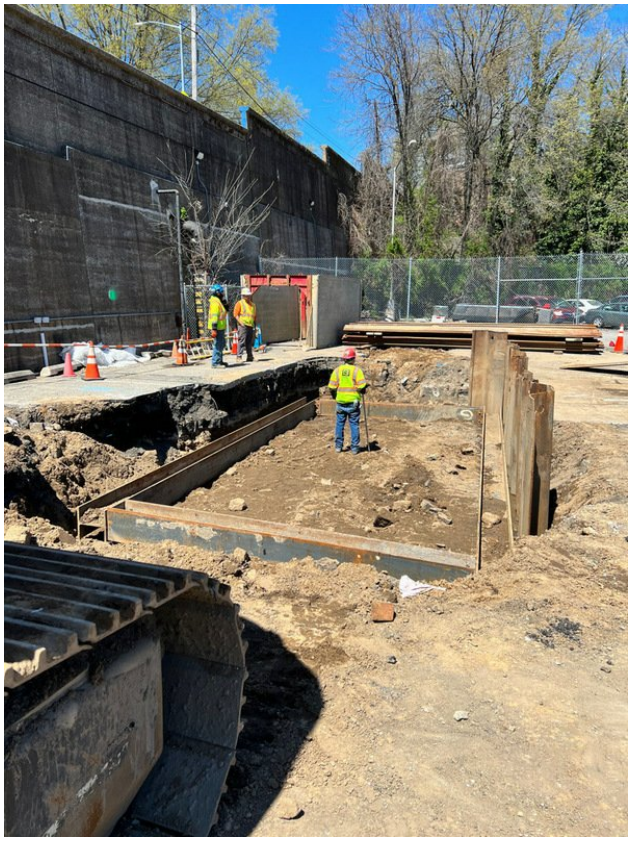
Time	08:35

Description	Downwind

Site photos throughout the day

Photo


CAT
JOHN DEERE



Time	14:10
Description	Site photos throughout the day

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:10, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:10
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 07:11, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:11
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 07:45, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:45
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 07:45, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:45
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 08:34, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:34
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 08:34, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:34
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 09:13, 0.01

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	09:13
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 09:14, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:14
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 10:04, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:04
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:05, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:05
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 10:40, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:40
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 10:40, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:40
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 11:31, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:31
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 11:32, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:32
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 12:19, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:19
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 12:20, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:20
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 12:52, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:52
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 12:53, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:53
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 13:30, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:30
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 13:31, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:31
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 14:01, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:01
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 14:01, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:01
Concentration	0.011

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am tomorrow

Brooklyn Navy Yard, Backflow Preventer, 2022-04-21, Starting 7am tomorrow

Created	2022-04-21 11:04:21 UTC by Jake Frishberg
Updated	2022-04-21 19:06:40 UTC by Jake Frishberg
Location	40.701317042089904, -73.97978254144738

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
General Contractor	Bancker Construction Corp.
Date	2022-04-21
Arrive On-Site	07:00
Depart Site	14:22

Conditions

Clear, Cool, 45, 2, ESE, 07:04

Weather	Clear, Cool
Temperature (F)	45
Wind Speed (MPH)	2
Wind Direction	ESE
Time	07:04

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

10:15, Finishing Install of sheeting

Time	10:15
Description	Finishing Install of sheeting

13:15, Backfilling the sheeting sidewalls

Time	13:15
Description	Backfilling the sheeting sidewalls

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	07:15
Description	Upwind

Downwind

Photo	
	
Time	07:16
Description	Downwind

Site photos from today

Photo

Time	14:16
Description	Site photos from today

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:37, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:37
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 07:38, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:38
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 08:11, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:11
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 08:13, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:13
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 08:46, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:46
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 08:47, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:47
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 09:19, 0.014

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	09:19
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 09:20, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:20
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 09:55, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:55
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 09:57, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:57
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 10:35, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:35
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 10:36, 0.125

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:36
Concentration	0.125

PM-10, Dusttrak Monitor, Downwind, 11:07, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:07
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 11:08, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:08
Concentration	0.051

PM-10, Dusttrak Monitor, Downwind, 11:45, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:45
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 11:45, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:45
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 12:19, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:19
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 12:19, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:19
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 12:53, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:53
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 12:57, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:57
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 13:35, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:35
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 13:36, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:36
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 14:08, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:08
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 14:08, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:08
Concentration	0.044

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am tomorrow

Brooklyn Navy Yard, Backflow Preventer, 2022-04-22, 7am on Monday

Created	2022-04-22 10:52:06 UTC by Jake Frishberg
Updated	2022-04-22 18:55:35 UTC by Jake Frishberg
Location	40.701257635387634, -73.97979752167329

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-04-22
Arrive On-Site	06:50
Depart Site	14:00

Conditions

Clear, Cool, 50, 2, WSW, 06:52

Weather	Clear, Cool
Temperature (F)	50
Wind Speed (MPH)	2
Wind Direction	WSW
Time	06:52

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:11, Demolition of asphalt & concrete north of the main hole

Time	07:11
Description	Demolition of asphalt & concrete north of the main hole

10:52, Moving the soil from the secured hole to a pile to the south

Time	10:52
Description	Moving the soil from the secured hole to a pile to the south

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

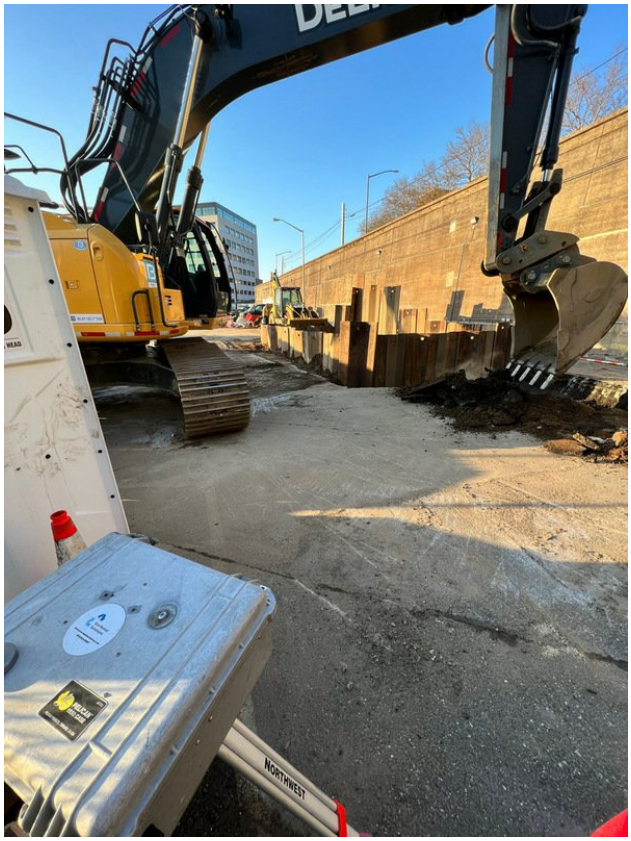
Upwind

Photo	 
Time	07:41

Description	Upwind

Downwind

Photo



Time	07:41
Description	Downwind

Site photo

Photo	
Time	08:54
Description	Site photo

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:02, 0.12

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:02
Concentration	0.12

PM-10, Dusttrak Monitor, Downwind, 07:05, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:05
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 07:44, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:44
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 07:44, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:44
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 08:24, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:24
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 08:25, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:25
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 09:11, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:11
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 09:11, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:11
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 09:52, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:52
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:53, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	09:53
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 10:33, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:33
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 10:34, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:34
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 11:16, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:16
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 11:16, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:16
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:56, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:56
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 11:57, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:57
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 12:39, 0.009

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	12:39
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 12:39, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:39
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 13:12, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:12
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 13:12, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:12
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:44, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:44
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:45, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:45
Concentration	0.005

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7am on Monday

Brooklyn Navy Yard, Backflow Preventer, 2022-04-25, Starting 7am

Created	2022-04-25 11:03:38 UTC by Jake Frishberg
Updated	2022-04-25 19:07:19 UTC by Jake Frishberg
Location	40.701278471668374, -73.97979226741948

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-04-25
Arrive On-Site	07:00
Depart Site	14:10

Conditions

Clear, Cool, 47, 2, ENE, 07:04

Weather	Clear, Cool
Temperature (F)	47
Wind Speed (MPH)	2
Wind Direction	ENE
Time	07:04

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	Yes
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

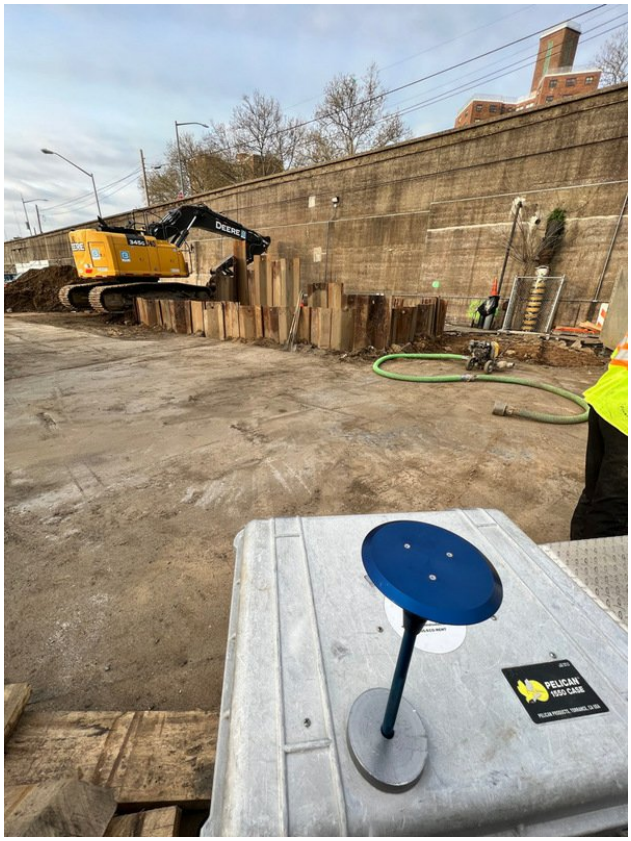
10:05, Excavating the hole and adding gravel

Time	10:05
Description	Excavating the hole and adding gravel

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	 
Time	07:18
Description	Downwind

Upwind

Photo

Time	07:18

Description	Upwind

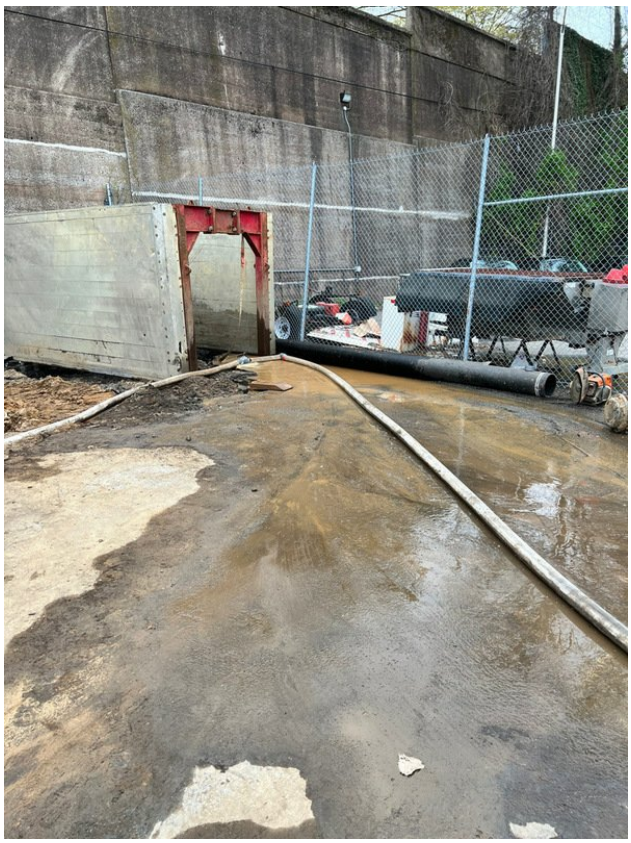
Soil being hauled offsite

Photo

Time	08:46
Description	Soil being hauled offsite

Site photos

Photo



Time	11:38
Description	Site photos

Gravel in hole

Photo	
Time	13:23
Description	Gravel in hole

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:14, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:14
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 07:16, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:16
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 08:07, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	08:07
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 08:08, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:08
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 08:41, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:41
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 08:43, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:43
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 09:20, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:20
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 09:20, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:20
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 09:57, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:57
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 09:58, 0.008

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	09:58
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 10:30, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:30
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 10:30, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:30
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:07, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:07
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 11:08, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:08
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 11:54, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:54
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 11:54, 0.095

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:54
Concentration	0.095

PM-10, Dusttrak Monitor, Upwind, 12:33, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:33
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 12:33, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:33
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 13:08, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:08
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:08, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:08
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 13:50, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:50
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:51, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:51
Concentration	0.005

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am

Brooklyn Navy Yard, Backflow Preventer, 2022-04-26, Starting 7am tomorrow

Created	2022-04-26 11:01:49 UTC by Jake Frishberg
Updated	2022-04-26 19:05:05 UTC by Jake Frishberg
Location	40.701358853877245, -73.98015512160396

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-04-26
Arrive On-Site	07:00
Depart Site	14:20

Conditions

Cool, Overcast, Rain, 55, 2, ENE, 07:02

Weather	Cool, Overcast, Rain
Temperature (F)	55
Wind Speed (MPH)	2
Wind Direction	ENE
Time	07:02

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

09:07, Adding gravel to the hole

Time	09:07
Description	Adding gravel to the hole

11:27, Surveying the hole

Time	11:27
Description	Surveying the hole

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	07:13

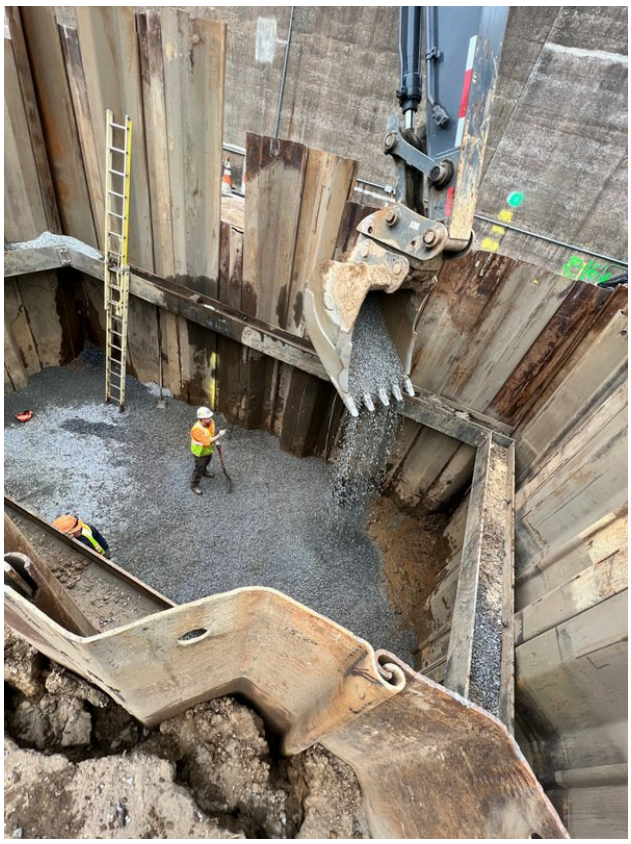
Description	Upwind

Downwind

Photo

Time	07:13
Description	Downwind

Site photo

Photo	
Time	08:29
Description	Site photo

Hole survey

Photo	
Time	12:29
Description	Hole survey

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:12, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:12
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 07:12, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:12
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 07:55, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:55

Concentration	0.018

PM-10, Dusttrak Monitor, Soil Staging Area, 07:55, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Soil Staging Area
Time	07:55
Concentration	0.048

PM-10, Dusttrak Monitor, Upwind, 08:31, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:31
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 08:31, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:31
Concentration	0.036

PM-10, Dusttrak Monitor, Upwind, 09:03, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:03
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 09:04, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:04
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 09:40, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:40
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 09:40, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	09:40
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 10:25, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:25
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 10:26, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:26
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 11:09, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:09
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 11:09, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:09
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 11:40, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:40
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 11:41, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:41
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 12:17, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:17
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 12:18, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:18
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 12:52, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:52
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 12:52, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:52
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 13:27, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:27
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 13:28, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:28
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 13:52, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:52

Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 13:54, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:54
Concentration	0.028

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Starting 7am tomorrow

Brooklyn Navy Yard, Backflow Preventer, 2022-04-27, Not scheduled for tomorrow

Created	2022-04-27 11:02:27 UTC by Jake Frishberg
Updated	2022-04-27 20:20:16 UTC by Jake Frishberg
Location	40.70111285513944, -73.97982536780874

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-04-27
Arrive On-Site	06:55
Depart Site	15:15

Conditions

Cool, Clear, 51, 6, NW, 07:07

Weather	Cool, Clear
Temperature (F)	51
Wind Speed (MPH)	6
Wind Direction	NW
Time	07:07

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:20, Mechanical issues with their auger/drill style machine

Time	07:20
Description	Mechanical issues with their auger/drill style machine

12:21, Driving piles

Time	12:21
Description	Driving piles

14:50, Problems driving the piles

Time	14:50

Description	Problems driving the piles

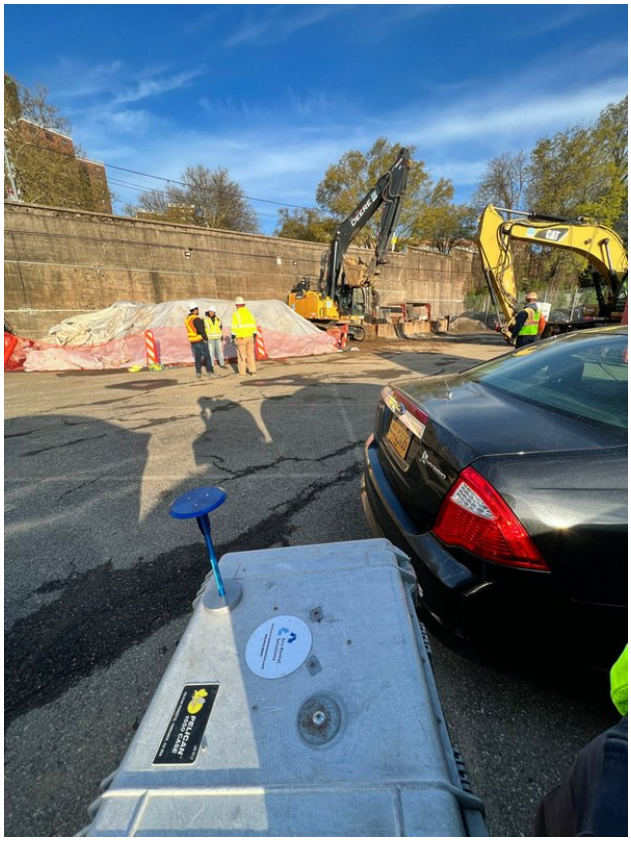
Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	 
Time	07:20
Description	Downwind

Upwind

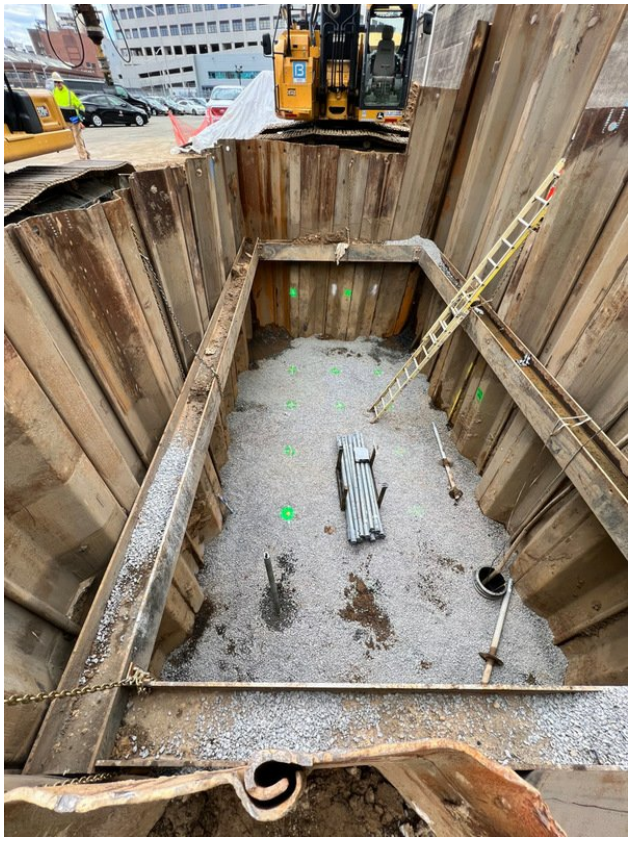
Photo	
	
Time	07:20

Description	Upwind

Site photo

Photo	
Time	12:32
Description	Site photo

Site photo

Photo	
Time	13:20
Description	Site photo

Site photo: tried 6 spots for piles but either broke them or couldn’t proceed past 5 feet

Photo	
Time	14:46
Description	Site photo: tried 6 spots for piles but either broke them or couldn't proceed past 5 feet

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:16, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:16
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 07:19, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:19
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 08:13, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:13

Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 08:13, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:13
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 09:03, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:03
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 09:03, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:03
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 10:02, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:02
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:03, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:03
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:01, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:01
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:01, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	11:01
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 11:54, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:54
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 11:54, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:54
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 12:31, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:31
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 12:33, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:33
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 13:18, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:18
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 13:18, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:18
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 13:59, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:59
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 14:00, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:00
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 14:45, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:45
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 14:46, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:46
Concentration	0.006

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Not scheduled for tomorrow

Brooklyn Navy Yard, Backflow Preventer, 2022-05-17

Created	2022-05-17 11:41:48 UTC by Jake Frishberg
Updated	2022-05-17 19:28:52 UTC by Jake Frishberg
Location	40.70129675765014, -73.98018090409742

Basic Information

Client	Brooklyn Navy Yard
Project Name	Backflow Preventer
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	Franklin Company
Date	2022-05-17
Arrive On-Site	07:30
Depart Site	15:45

Conditions

Clear, Warm, 60, 4, WSW, 07:47

Weather	Clear, Warm
Temperature (F)	60
Wind Speed (MPH)	4
Wind Direction	WSW
Time	07:47

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

15:28, Most of the day was spent draining the water

Time	15:28
Description	Most of the day was spent draining the water

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	 
Time	08:43
Description	Downwind

Upwind

Photo

Time	08:43

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:43, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:43
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 08:44, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:44
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 10:03, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:03
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 10:03, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:03
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 11:37, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:37
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:37, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:37
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 12:51, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:51
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 12:51, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:51
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 14:05, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:05
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 14:06, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:06
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 14:55, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:55
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 14:56, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:56
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 15:22, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	15:22
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 15:25, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:25
Concentration	0.008

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 12 Shut-off Valve Replacement, 2021-12-07

Created	2022-01-03 13:19:09 UTC by Ron Tramposch
Updated	2022-12-05 19:07:18 UTC by Jake Frishberg
Location	40.7788097, -73.8490004

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 12 Shut-off Valve Replacement
On-Site CORE Representative	Joseph Zaheer
CORE Project Manager	Ron Tramposch
General Contractor	National Grid
Date	2021-12-07
Arrive On-Site	08:15
Depart Site	10:30

Conditions

Cold, 37, 4, E, 08:21

Weather	Cold
Temperature (F)	37
Wind Speed (MPH)	4
Wind Direction	E
Time	08:21

Material

Concrete

Material	Concrete
Time	08:22

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:23, Could not immediately begin work due to adjacent cars blocking site. Work began at around 8:45AM. Very quickly found the gas line they were looking for. Began closing up at around 10AM, and done by 10:15AM. CORE left at 10:30AM.

Time	08:23

Description	Could not immediately begin work due to adjacent cars blocking site. Work began at around 8:45AM. Very quickly found the gas line they were looking for. Began closing up at around 10AM, and done by 10:15AM. CORE left at 10:30AM.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Photo

Time	14:03

Photo


IceStone
BLDG. #12
12
NOTICE
ALL VISITORS
MUST REGISTER
AT OFFICE


12
IceStone
STOP

Time	14:06

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-12, Tomorrow 7:30am, Contamination was encountered 42’ deep in hole B-8. No more further excavation in this boring due to safety hazards.

Created	2022-07-12 11:45:19 UTC by Engel Valdez
Updated	2022-07-12 18:49:20 UTC by Engel Valdez
Location	40.70393139519205, -73.97081264716206

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-07-12
Arrive On-Site	07:10
Depart Site	14:15

Conditions

Clear, Warm, 72, 11, ENE, 07:46

Weather	Clear, Warm
Temperature (F)	72
Wind Speed (MPH)	11
Wind Direction	ENE
Time	07:46

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	09:02
Description	Downwind

Upwind

Photo

Time	09:03

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:05, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:05
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 09:05, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:05
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 09:52, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:52
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 09:53, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:53
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 10:10, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:10
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 10:11, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:11
Concentration	0.031

PM-10, Dusttrak Monitor, Upwind, 10:50, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:50
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 10:50, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:50
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 11:35, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:35
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 11:35, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:35
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 12:20, 0.069

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:20
Concentration	0.069

PM-10, Dusttrak Monitor, Downwind, 12:20, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:20
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 13:06, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:06
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 13:07, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:07
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 13:57, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:57
Concentration	0.031

PM-10, Dusttrak Monitor, Upwind, 13:57, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:57
Concentration	0.023

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow 7:30am
Comments / Concerns	Contamination was encountered 42’ deep in hole B-8. No more further excavation in this boring due to safety hazards.

Brooklyn Navy Yard, pier d boring, 2022-03-11, Contactors will be performing boring at various section at pier D navy yard.

Created	2022-03-11 13:44:29 UTC by Chris Erickson
Updated	2022-03-11 19:02:08 UTC by Chris Erickson
Location	40.702053, -73.9761667

Basic Information

Client	Brooklyn Navy Yard
Project Name	pier d boring
On-Site CORE Representative	William Irizarry
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-03-11
Arrive On-Site	08:35
Depart Site	13:20

Conditions

Cool, 45, 1, NE, 08:46

Weather	Cool
Temperature (F)	45
Wind Speed (MPH)	1
Wind Direction	NE
Time	08:46

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:35, Contractor started boring

Time	08:35
Description	Contractor started boring

09:06, Started air monitoring

Time	09:06
Description	Started air monitoring

09:05, Contractors continue boring

Time	09:05
Description	Contractors continue boring

09:35, Contractors continue boring

Time	09:35
Description	Contractors continue boring

10:05, Bankers contractors finished boring at section 1

Time	10:05
Description	Bankers contractors finished boring at section 1

10:10, Contractors will continue boring soil at section 2

Time	10:10
Description	Contractors will continue boring soil at section 2

13:09, Contractors finished boring for today

Time	13:09
Description	Contractors finished boring for today

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind fa2806

Photo

Time	09:07
Description	Upwind fa2806

Downwind fa2402

Photo	
Time	09:08
Description	Downwind fa2402

Contractors performing boring

Photo	
Time	09:09
Description	Contractors performing boring

Contractors finished boring soil on location 1 pier d navy yard

Photo	
Time	09:42
Description	Contractors finished boring soil on location 1 pier d navy yard

Contractors will start boring on soil section 2 pier D navy yard

Photo	
Time	09:44
Description	Contractors will start boring on soil section 2 pier D navy yard

Sample of soil

Photo	
Time	10:55
Description	Sample of soil

Boring work finished for today

Photo	
Time	13:10
Description	Boring work finished for today

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 09:15, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:15
Concentration	0.041

PM-10, Dusttrak Monitor, Upwind, 09:16, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:16
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 09:53, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:53

Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 09:54, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:54
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 10:29, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:29
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 10:30, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:30
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 11:03, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:03
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 11:04, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:04
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 11:33, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:33
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 11:34, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	11:34
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 13:03, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:03
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 12:04, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:04
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 12:33, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:33
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 12:34, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:34
Concentration	0.036

PM-10, Dusttrak Monitor, Upwind, 13:02, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:02
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 13:04, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:04
Concentration	0.026

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Contactors will be performing boring at various section at pier D navy yard.

Brooklyn Navy Yard, pierD, 2022-03-14, Brackner Contractors will continue boring on pier d boring on soil at navy yard

Created	2022-03-14 12:51:27 UTC by Chris Erickson
Updated	2022-03-14 19:13:50 UTC by Chris Erickson
Location	40.7019829, -73.9762296

Basic Information

Client	Brooklyn Navy Yard
Project Name	pierD
On-Site CORE Representative	William Irizarry
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-03-14
Arrive On-Site	08:30
Depart Site	14:20

Conditions

Cool, 38, 6, WSW, 08:35

Weather	Cool
Temperature (F)	38
Wind Speed (MPH)	6
Wind Direction	WSW
Time	08:35

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:35, Bankers contractors started boring soil at navy yard pier D

Time	08:35
Description	Bankers contractors started boring soil at navy yard pier D

08:35, Air monitor FA00535 upwind

Time	08:35
Description	Air monitor FA00535 upwind

08:36, Air monitor FA02402 Downwind

Time	08:36
Description	Air monitor FA02402 Downwind

11:32, Banckers contractors continue boring at pier D navy yard

Time	11:32
Description	Banckers contractors continue boring at pier D navy yard

14:02, Contractors finished boring at pier d navy yard

Time	14:02
Description	Contractors finished boring at pier d navy yard

14:02, Air monitors shut off

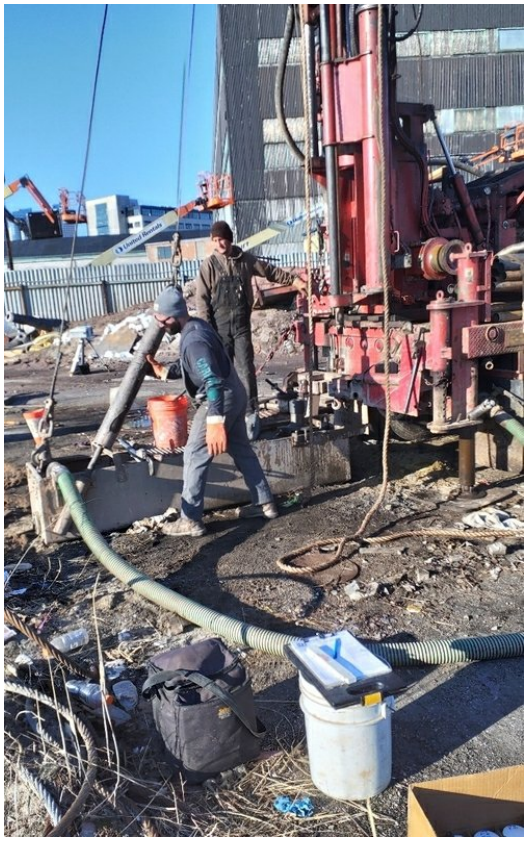
Time	14:02
Description	Air monitors shut off

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Bankers contractors started boring on soil pier D

Photo



Time	08:30
Description	Bankers contractors started boring on soil pier D

Started air monitoring Dusttrak fa 02806 downwind

Photo

Time	08:36
Description	Started air monitoring Dusttrak fa 02806 downwind

Started air monitoring Dusttrak fa01652 upwind

Photo

Time	08:35
Description	Started air monitoring Dusttrak fa01652 upwind

Sample of soil

Photo

Time	10:24
Description	Sample of soil

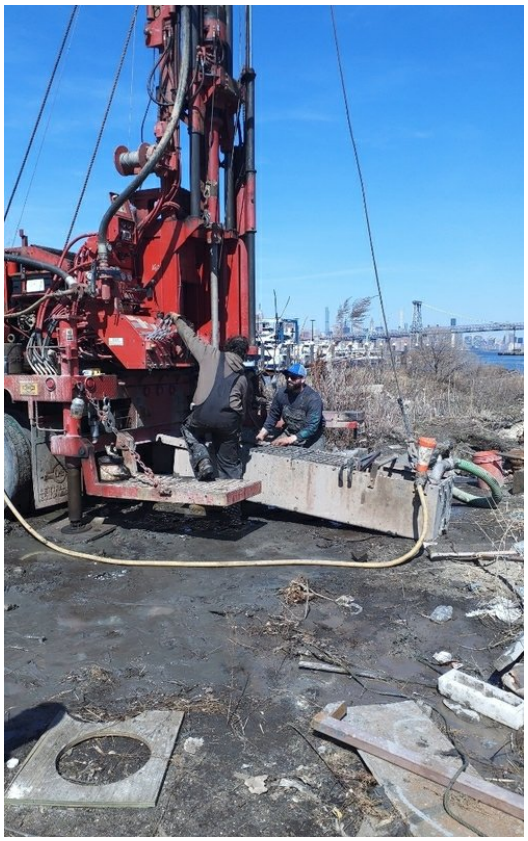
Contractors finished Todays First Work area at pier D navy yard refilling surface

Photo

Time	12:26
Description	Contractors finished Todays First Work area at pier D navy yard refilling surface

Contractor starting boring on soil at Second work area at pier D navy yard

Photo



Time	12:56
Description	Contractor starting boring on soil at Second work area at pier D navy yard

Soil Samples at soil at pier d navy yard

Photo

Time	13:10
Description	Soil Samples at soil at pier d navy yard

Contractors finished

Photo	
Time	14:04
Description	Contractors finished

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:10, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:10
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 09:11, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:11
Concentration	0.037

PM-10, Dusttrak Monitor, Upwind, 09:40, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:40

Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 09:42, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:42
Concentration	0.045

PM-10, Dusttrak Monitor, Upwind, 10:11, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:11
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 10:12, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:12
Concentration	0.031

PM-10, Dusttrak Monitor, Upwind, 10:55, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:55
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 10:57, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:57
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 11:27, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:27
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 11:28, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	11:28
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 12:06, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:06
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 12:07, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:07
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 12:36, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:36
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 12:36, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:36
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 13:18, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:18
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 13:21, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:21
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 13:49, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:49
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 13:50, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:50
Concentration	0.038

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.	
Upcoming Work Schedule	Brackner Contractors will continue boring on pier d boring on soil at navy yard

Brooklyn Navy Yard, boring pier d, 2022-03-15, Brackner Contractors will perform boring at pier d navy yard

Created	2022-03-15 12:48:30 UTC by Chris Erickson
Updated	2022-03-16 17:04:04 UTC by Chris Erickson
Location	40.7021919, -73.976206

Basic Information

Client	Brooklyn Navy Yard
Project Name	boring pier d
On-Site CORE Representative	William Irizarry
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-03-15
Arrive On-Site	08:30
Depart Site	14:10

Conditions

Cool, 47, 5, W, 08:30

Weather	Cool
Temperature (F)	47
Wind Speed (MPH)	5
Wind Direction	W
Time	08:30

Cool, 58, 1, E, 23:45

Weather	Cool
Temperature (F)	58
Wind Speed (MPH)	1
Wind Direction	E
Time	23:45

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:30, Brackner contractors boring at pier D navy yard

Time	08:30

Description	Brackner contractors boring at pier D navy yard

12:15, Contractors finished boring

Time	12:15
Description	Contractors finished boring

23:49, Air monitors turnoff

Time	23:49
Description	Air monitors turnoff

12:23, Air monitors turned back on wind now blowing from east at navy yard pier d

Time	12:23
Description	Air monitors turned back on wind now blowing from east at navy yard pier d

12:41, Contractors will start Second section of soil boring

Time	12:41
Description	Contractors will start Second section of soil boring

13:50, Contractors finished boring

Time	13:50
Description	Contractors finished boring

13:52, Turning off air monitors

Time	13:52
Description	Turning off air monitors

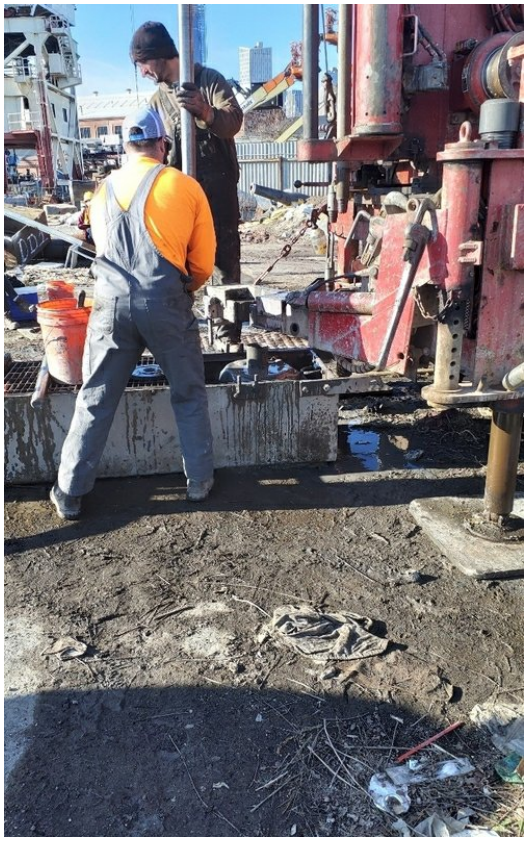
14:05, Brackner Contractors Leaving pier d navy yard

Time	14:05
Description	Brackner Contractors Leaving pier d navy yard

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Backner contractors boring at work area at pier d navy yard

Photo	 
Time	08:30
Description	Backner contractors boring at work area at pier d navy yard

Fa02806 upwind from west

Photo	
Time	08:30
Description	Fa02806 upwind from west

Fa01652 downwind from west

Photo	
Time	08:30
Description	Fa01652 downwind from west

Soil sample

Photo	
Time	09:01
Description	Soil sample

At this time dusttrak fa02806 and dustrak fa01652 and has been shut off due to wind position now blowing from east will be positioned correctly

Photo	
Time	11:49
Description	At this time dusttrak fa02806 and dustrak fa01652 and has been shut off due to wind position now blowing from east will be positioned correctly

Air monitors turn back on dusttrak fa01652 downwind and fa02806 upwind wind blowing from east

Photo

Time	23:59
Description	Air monitors turn back on dusttrak fa01652 downwind and fa02806 upwind wind blowing from east

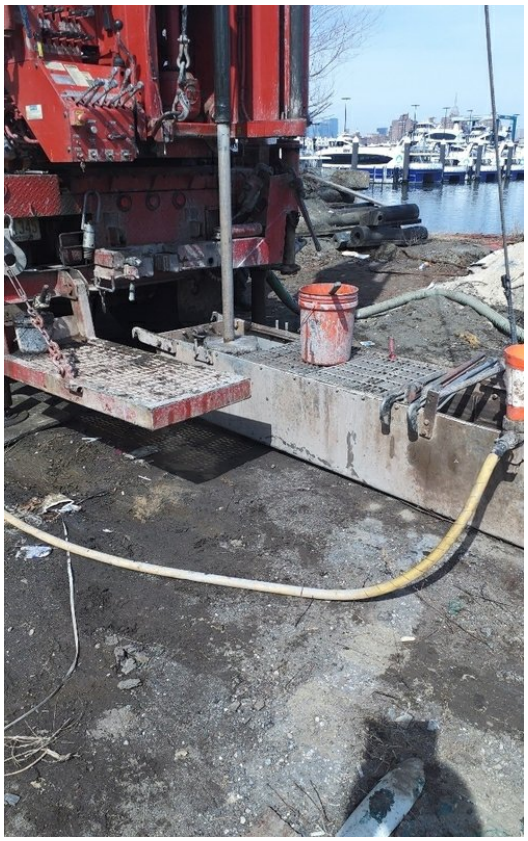
Brackner Contractors finished boring at first section refilling

Photo

Time	12:15
Description	Brackner Contractors finished boring at first section refilling

Contractors will continue boring at secondary section at navy yard pier d

Photo



Time	12:19
Description	Contractors will continue boring at secondary section at navy yard pier d

Contractors finished Todays work at pier d navy yard

Photo

Time	13:50
Description	Contractors finished Todays work at pier d navy yard

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:04, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:04
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 09:05, 0.057

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:05
Concentration	0.057

PM-10, Dusttrak Monitor, Upwind, 09:34, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:34
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 09:35, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:35
Concentration	0.036

PM-10, Dusttrak Monitor, Upwind, 10:05, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:05
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 10:06, 0.054

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:06
Concentration	0.054

PM-10, Dusttrak Monitor, Upwind, 10:36, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:36
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 10:37, 0.055

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:37
Concentration	0.055

PM-10, Dusttrak Monitor, Upwind, 11:06, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:06
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 11:07, 0.06

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:07
Concentration	0.06

PM-10, Dusttrak Monitor, Downwind, 12:12, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	12:12
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 12:13, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:13
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 12:46, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:46
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 12:47, 0.057

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:47
Concentration	0.057

PM-10, Dusttrak Monitor, Upwind, 13:18, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:18
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 13:19, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:19
Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 13:47, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:47
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 13:48, 0.047

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	13:48
Concentration	0.047

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Brackner Contractors will perform boring at pier d navy yard

Brooklyn Navy Yard, pier D boring , 2022-03-16, No work scheduled

Created	2022-03-16 11:22:10 UTC by Chris Erickson
Updated	2022-03-16 18:19:48 UTC by Chris Erickson
Location	40.7708349, -73.8349795

Basic Information

Client	Brooklyn Navy Yard
Project Name	pier D boring
On-Site CORE Representative	William Irizarry
CORE Project Manager	Ron Tramposch
General Contractor	Bancker Construction Corp.
Date	2022-03-16
Arrive On-Site	08:18
Depart Site	13:00

Conditions

Cool, 51, 5, SW, 08:19

Weather	Cool
Temperature (F)	51
Wind Speed (MPH)	5
Wind Direction	SW
Time	08:19

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:36, Air monitors setup and turned on southwest

Time	08:36
Description	Air monitors setup and turned on southwest

08:38, Brackner Contractors boring at pier d navy yard

Time	08:38
Description	Brackner Contractors boring at pier d navy yard

12:22, Contractors Finished boring

Time	12:22

Description	Contractors Finished boring

12:24, Air monitors turned off

Time	12:24
Description	Air monitors turned off

12:25, Brackner Contractors refilled work area

Time	12:25
Description	Brackner Contractors refilled work area

12:51, Brackner Contractors finished leaving pier D navy yard

Time	12:51
Description	Brackner Contractors finished leaving pier D navy yard

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Fa 01652 downwind

Photo

Time	08:26
Description	Fa 01652 downwind

Fa02806 upwind

Photo

Time	08:33
Description	Fa02806 upwind

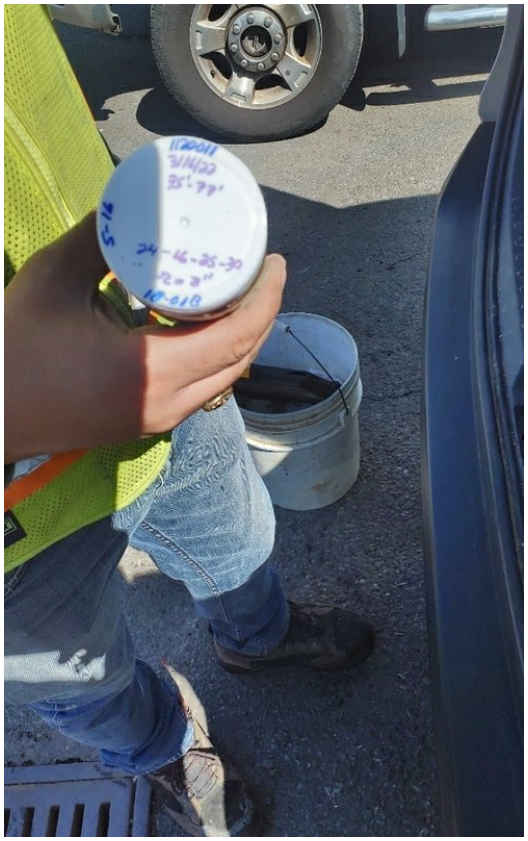
Contractors starting boring

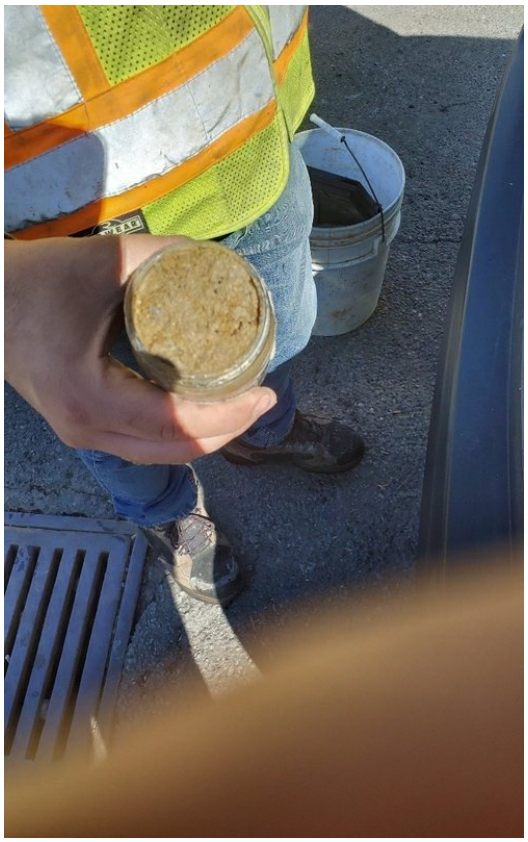
Photo

Time	08:30
Description	Contractors starting boring

Soil Samples

Photo

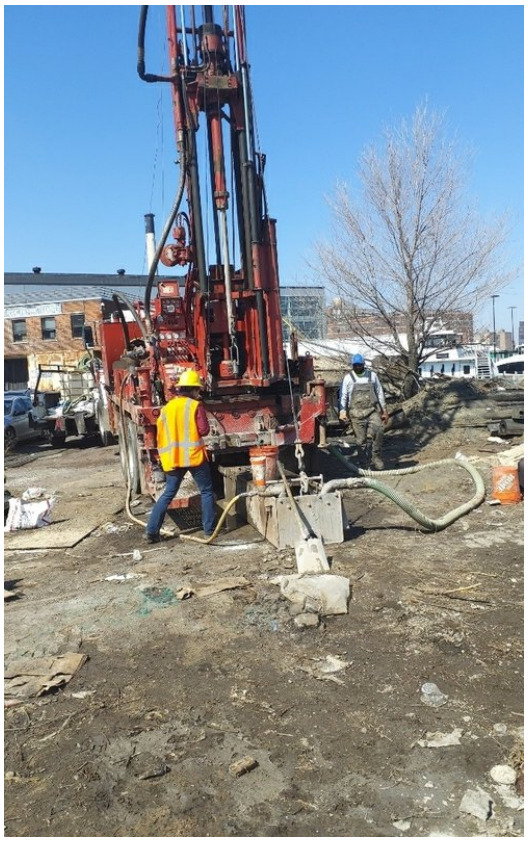




Time	09:57
Description	Soil Samples

Contractors finished boring refilling

Photo



Time	12:24
Description	Contractors finished boring refilling

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:58, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:58

Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 08:59, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:59
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 09:29, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:29
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 09:30, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:30
Concentration	0.045

PM-10, Dusttrak Monitor, Upwind, 10:03, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:03
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 10:03, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:03
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 10:34, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:34
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 10:35, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	10:35
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 11:16, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:16
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 11:16, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:16
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 11:46, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:46
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 11:46, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:46
Concentration	0.036

PM-10, Dusttrak Monitor, Upwind, 12:16, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:16
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 12:18, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:18
Concentration	0.031

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	No work scheduled

Brooklyn Navy Yard, welding lab borings near bldg 293, 2022-03-31

Created	2022-03-31 10:39:41 UTC by Chris Erickson
Updated	2022-03-31 19:10:26 UTC by Chris Erickson
Location	40.7036063, -73.9706158

Basic Information

Client	Brooklyn Navy Yard
Project Name	welding lab borings near bldg 293
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
General Contractor	Warren George
Date	2022-03-31
Arrive On-Site	06:30
Depart Site	15:10

Conditions

Cool, Fog, Overcast, Rain, 46, 5, NNW, 06:41

Weather	Cool, Fog, Overcast, Rain
Temperature (F)	46
Wind Speed (MPH)	5
Wind Direction	NNW
Time	06:41

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:00, Drill rig started up. CORE and jacobs on site

Time	07:00
Description	Drill rig started up. CORE and jacobs on site

07:36, Drilling started

Time	07:36
Description	Drilling started

08:14, First two samples pulled with mix of black organic silt and coal tar. High PID readings observed of 12.5. Depth 30 to 40 ft.

Time	08:14

Description	First two samples pulled with mix of black organic silt and coal tar. High PID readings observed of 12.5. Depth 30 to 40 ft.

11:21, Stopped drilling for a break

Time	11:21
Description	Stopped drilling for a break

11:57, Started drilling again

Time	11:57
Description	Started drilling again

13:24, Drilling stopped, drill rig is having mechanical issues.

Time	13:24
Description	Drilling stopped, drill rig is having mechanical issues.

14:15, Drill rig running again

Time	14:15
Description	Drill rig running again

14:50, Drilling ended for the day

Time	14:50
Description	Drilling ended for the day

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind FA01652

Photo	
Time	06:56
Description	Upwind FA01652

Downwind FA02806

Photo	
Time	06:57
Description	Downwind FA02806

Coal tar sample

Photo	 
Time	11:39
Description	Coal tar sample

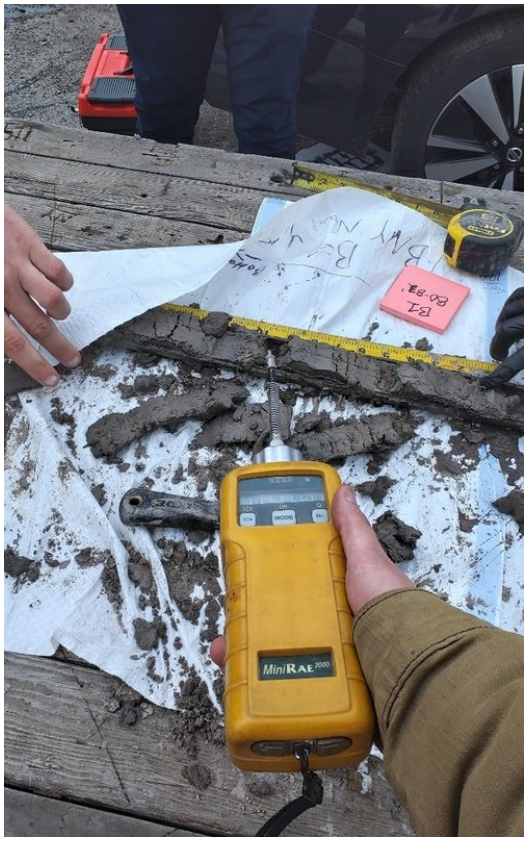
Soil sample depth 75ft sandy clay

Photo	
Time	12:20
Description	Soil sample depth 75ft sandy clay

Drill rig setup

Photo	
Time	12:41
Description	Drill rig setup

Soil sample at 80ft

Photo	 
Time	12:50
Description	Soil sample at 80ft

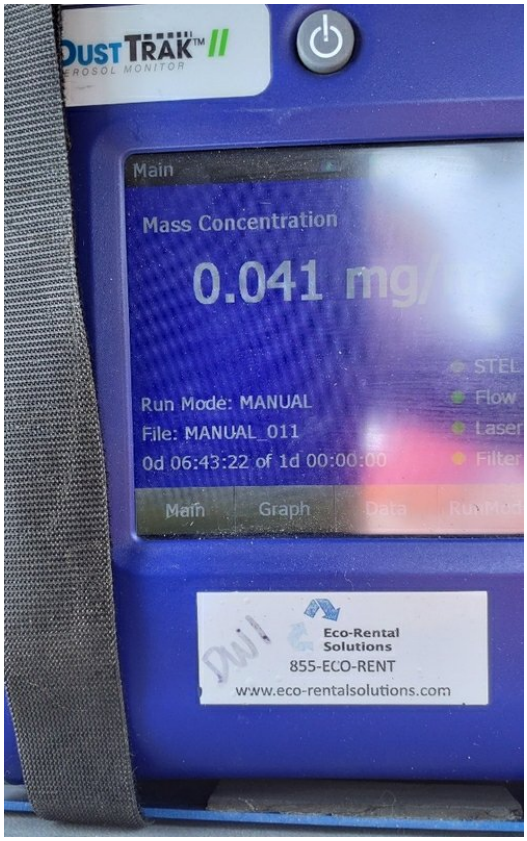
Soil sample at 90ft

Photo	
Time	13:17
Description	Soil sample at 90ft

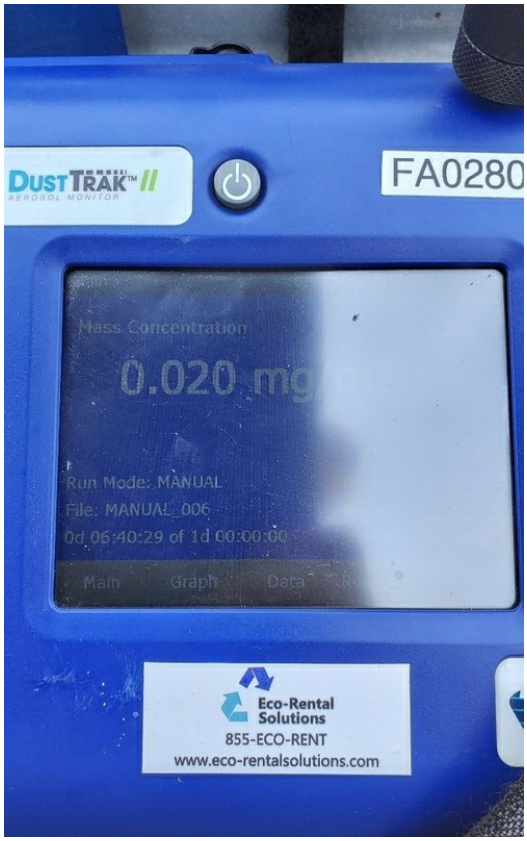
Coal tar sample PID reading

Photo	
Time	13:29
Description	Coal tar sample PID reading

Upwind Dust monitor reading

Photo	
Time	13:32
Description	Upwind Dust monitor reading

Downwind dust monitor reading

Photo	
Time	13:33
Description	Downwind dust monitor reading

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 06:58, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	06:58
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 06:59, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	06:59
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 07:36, 0.058

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:36

Concentration	0.058

PM-10, Dusttrak Monitor, Downwind, 07:38, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:38
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 08:08, 0.067

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:08
Concentration	0.067

PM-10, Dusttrak Monitor, Downwind, 08:09, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:09
Concentration	0.047

VOCs, MiniRAE 2000, Soil Staging Area, 08:10, 6.3

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	08:10
Concentration	6.3

VOCs, MiniRAE 2000, Soil Staging Area, 08:37, 12.5

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	08:37
Concentration	12.5

PM-10, Dusttrak Monitor, Downwind, 08:37, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:37
Concentration	0.053

PM-10, Dusttrak Monitor, Upwind, 08:38, 0.078

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	08:38
Concentration	0.078

VOCs, MiniRAE 2000, Soil Staging Area, 08:55, 4.5

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	08:55
Concentration	4.5

PM-10, Dusttrak Monitor, Upwind, 09:07, 0.087

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:07
Concentration	0.087

VOCs, MiniRAE 2000, Soil Staging Area, 09:08, 0.8

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	09:08
Concentration	0.8

PM-10, Dusttrak Monitor, Downwind, 09:09, 0.074

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:09
Concentration	0.074

VOCs, MiniRAE 2000, Soil Staging Area, 09:42, 2.6

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	09:42
Concentration	2.6

VOCs, MiniRAE 2000, Soil Staging Area, 10:14, 2.5

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	10:14
Concentration	2.5

PM-10, Dusttrak Monitor, Upwind, 10:15, 0.117

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:15
Concentration	0.117

PM-10, Dusttrak Monitor, Downwind, 10:16, 0.074

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:16
Concentration	0.074

PM-10, Dusttrak Monitor, Upwind, 10:53, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:53
Concentration	0.042

PM-10, Dusttrak Monitor, Downwind, 10:54, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:54
Concentration	0.029

VOCs, MiniRAE 2000, coal tar sample, 11:43, 16.1

Pollutant	VOCs
Device	MiniRAE 2000
Location	coal tar sample
Time	11:43
Concentration	16.1

PM-10, Dusttrak Monitor, Upwind, 12:09, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:09
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 12:10, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:10

Concentration	0.023

VOCs, MiniRAE 2000, Soil Staging Area, 12:28, 0.7

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	12:28
Concentration	0.7

PM-10, Dusttrak Monitor, Downwind, 12:52, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:52
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 12:53, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:53
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 13:20, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:20
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 13:21, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:21
Concentration	0.038

VOCs, MiniRAE 2000, Soil Staging Area, 13:24, 0.8

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	13:24
Concentration	0.8

PM-10, Dusttrak Monitor, Upwind, 14:08, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	14:08
Concentration	0.041

PM-10, Dusttrak Monitor, Downwind, 14:08, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:08
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 14:32, 0.055

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:32
Concentration	0.055

PM-10, Dusttrak Monitor, Downwind, 14:33, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:33
Concentration	0.021

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Welding Lab Borings, 2022-04-01, Working monday morning 4/4/22

Created	2022-04-01 12:55:11 UTC by Ron Tramposch
Updated	2022-04-01 20:50:37 UTC by Ron Tramposch
Location	40.70367770632719, -73.97062949878297

Basic Information

Client	Brooklyn Navy Yard
Project Name	Welding Lab Borings
On-Site CORE Representative	Jacob Thomann
CORE Project Manager	Ron Tramposch
General Contractor	Warren George
Date	2022-04-01
Arrive On-Site	07:45
Depart Site	17:00

Conditions

Overcast, 50, 8, SE, 09:00

Weather	Overcast
Temperature (F)	50
Wind Speed (MPH)	8
Wind Direction	SE
Time	09:00

Clear, Windy, 55, 16, E, 12:44

Weather	Clear, Windy
Temperature (F)	55
Wind Speed (MPH)	16
Wind Direction	E
Time	12:44

Material

Soil, 1, Drum, Boring, Onsite

Material	Soil
Quantity	1
Unit of Measure	Drum
Source	Boring
Destination	Onsite
Time	16:49

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No

Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:45, Jacobs Engineering Rep, Joe is onsite. Says drillers are getting here around 9am.

Time	07:45
Description	Jacobs Engineering Rep, Joe is onsite. Says drillers are getting here around 9am.

08:57, Warren George - drillers are onsite.

Time	08:57
Description	Warren George - drillers are onsite.

09:38, No work being completed- Jacobs and Warren are working out some contract terms.

Time	09:38
Description	No work being completed- Jacobs and Warren are working out some contract terms.

11:40, Still waiting for work to begin.

Time	11:40
Description	Still waiting for work to begin.

12:10, Drillers are putting excess soil in drums.

Time	12:10
Description	Drillers are putting excess soil in drums.

12:53, Drillers continue boring.

Time	12:53
Description	Drillers continue boring.

13:49, Warren Continues boring. All soil is containerized in drums.

Time	13:49
Description	Warren Continues boring. All soil is containerized in drums.

14:46, Warren continue drilling.

Time	14:46
Description	Warren continue drilling.

15:40, Warren continue drilling at same boring location.

Time	15:40
Description	Warren continue drilling at same boring location.

16:28, Warren done drilling. No high pid readings from the borings today however all soil cuttings are being containerized due to high pid readings prior.

Time	16:28
Description	Warren done drilling. No high pid readings from the borings today however all soil cuttings are being containerized due to high pid readings prior.

16:50, Warren and Jacobs engineering offsite.

Time	16:50
Description	Warren and Jacobs engineering offsite.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	12:37
Description	Upwind

Downwind

Photo	
Time	12:37
Description	Downwind

Boring with soil

Photo	
Time	12:38
Description	Boring with soil

Site overview showing drums

Photo	
Time	14:05
Description	Site overview showing drums

staging area for drums

Photo	
Time	16:09
Description	staging area for drums

Boring covered with poly.

Photo	
Time	16:47
Description	Boring covered with poly.

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 12:53, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:53
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 14:06, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:06
Concentration	0.006

VOCs, MiniRAE 2000, Soil Excavation Area, 15:26, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	15:26

Concentration	0

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Working monday morning 4/4/22

Brooklyn Navy Yard, welding lab, 2022-04-04

Created	2022-04-04 12:42:06 UTC by Chris Erickson
Updated	2022-04-04 18:53:35 UTC by Chris Erickson
Location	40.7037612, -73.9706105

Basic Information

Client	Brooklyn Navy Yard
Project Name	welding lab
On-Site CORE Representative	Chris Erickson
CORE Project Manager	Ron Tramposch
General Contractor	Warren George
Date	2022-04-04
Arrive On-Site	08:30
Depart Site	15:00

Conditions

Clear, Cold, 45, 12, W, 08:43

Weather	Clear, Cold
Temperature (F)	45
Wind Speed (MPH)	12
Wind Direction	W
Time	08:43

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:30, Arrive on site and contractor already started drilling

Time	08:30
Description	Arrive on site and contractor already started drilling

11:40, Second sample 115 ft

Time	11:40
Description	Second sample 115 ft

11:20, 1st sample 115 ft

Time	11:20

Description	1st sample 115 ft

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

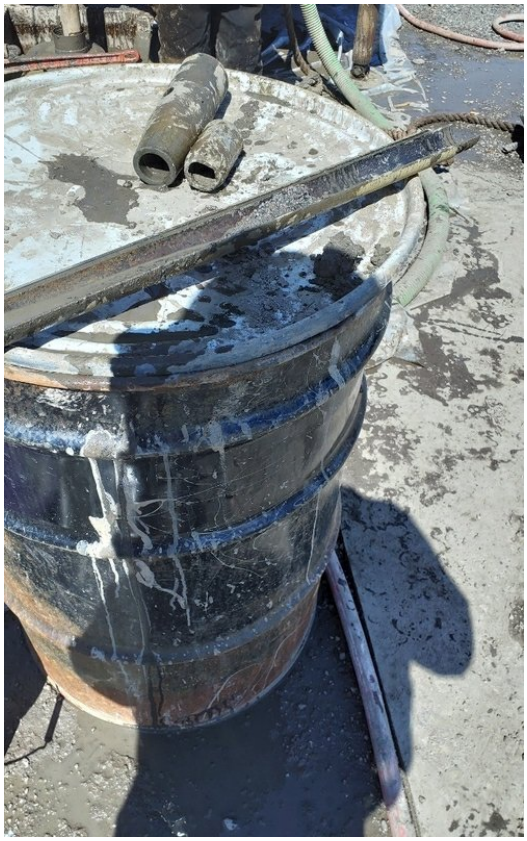
Downwind fa00075

Photo	
Time	08:56
Description	Downwind fa00075

Upwind fa00074

Photo	
Time	08:58
Description	Upwind fa00074

115 ft sample

Photo	
Time	11:38
Description	115 ft sample

Sample 120 _125

Photo	
Time	13:49
Description	Sample 120 _125

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

VOCs, MiniRAE 2000, Soil Staging Area, 11:12, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	11:12
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 11:13, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:13
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:13, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:13

Concentration	0.009

VOCs, MiniRAE 2000, Soil Staging Area, 11:45, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	11:45
Concentration	0

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, welding lab, 2022-04-05, 7am start time on 4/6/22

Created	2022-04-05 12:10:23 UTC by Chris Erickson
Updated	2022-04-07 16:53:52 UTC by Chris Erickson
Location	40.7036855, -73.9707575

Basic Information

Client	Brooklyn Navy Yard
Project Name	welding lab
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
General Contractor	Warren George
Date	2022-04-05
Arrive On-Site	08:00

Conditions

48, 4, WNW, 08:11

Temperature (F)	48
Wind Speed (MPH)	4
Wind Direction	WNW
Time	08:11

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:16, Drill rig started up. Drill prep has started.

Time	08:16
Description	Drill rig started up. Drill prep has started.

08:30, Backfilling first boring

Time	08:30
Description	Backfilling first boring

08:48, Moved drill rig to second boring location

Time	08:48
Description	Moved drill rig to second boring location

09:15, Drill rig set up at seco d boring location

Time	09:15
Description	Drill rig set up at seco d boring location

09:28, Second boring drilling has started

Time	09:28
Description	Second boring drilling has started

09:41, First sample pulled

Time	09:41
Description	First sample pulled

11:02, Sample 5 had no recovery

Time	11:02
Description	Sample 5 had no recovery

12:44, Stop for lunch

Time	12:44
Description	Stop for lunch

13:29, Groundwater samples collected by contractor

Time	13:29
Description	Groundwater samples collected by contractor

14:41, Groundwater sampling done

Time	14:41
Description	Groundwater sampling done

14:49, Drilling stopped for the day

Time	14:49
Description	Drilling stopped for the day

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind dustrack FA00074

Photo	
Time	08:12
Description	Upwind dustrack FA00074

Downwind dustrack FA00075

Photo	
Time	08:14
Description	Downwind dustrack FA00075

First sample 1'-3'

Photo	
Time	09:42
Description	First sample 1'-3'

Second sample 3'-5'

Photo	
Time	09:49
Description	Second sample 3'-5'

Sampl 3 (5'-7')

Photo	
Time	10:02
Description	Sampl 3 (5'-7')

Sample 4 (7'-9')

Photo	
Time	10:56
Description	Sample 4 (7'-9')

Sample 6 (15')

Photo	
Time	12:06
Description	Sample 6 (15')

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:15, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:15
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 08:15, 0.026

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	08:15
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 08:32, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:32
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 08:32, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:32
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 08:49, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:49
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 08:50, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:50
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 09:07, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:07
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 09:08, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:08
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 09:22, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:22
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 09:23, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:23
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 09:37, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:37
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 09:38, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:38
Concentration	0.024

VOCs, MiniRAE 2000, Soil Staging Area, 09:50, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	09:50
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 09:52, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:52
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 09:53, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	09:53
Concentration	0.022

VOCs, MiniRAE 2000, Soil Staging Area, 10:04, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	10:04
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 10:08, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:08
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 10:09, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:09
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 10:24, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:24
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 10:25, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:25
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 10:38, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:38
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 10:39, 0.027

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	10:39
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 10:54, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:54
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 10:55, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:55
Concentration	0.035

VOCs, MiniRAE 2000, Soil Staging Area, 11:00, 2.5

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	11:00
Concentration	2.5

PM-10, Dusttrak Monitor, Upwind, 11:20, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:20
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 11:21, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:21
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 11:35, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:35
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 11:36, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:36
Concentration	0.041

PM-10, Dusttrak Monitor, Upwind, 11:50, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:50
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 11:51, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:51
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 12:05, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:05
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 12:06, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:06
Concentration	0.038

VOCs, MiniRAE 2000, Soil Staging Area, 12:08, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	12:08
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 12:20, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:20
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 12:21, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:21
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 12:43, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:43
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 12:44, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:44
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 12:58, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:58
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 12:59, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:59
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 13:14, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:14
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 13:15, 0.046

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	13:15
Concentration	0.046

PM-10, Dusttrak Monitor, Upwind, 13:28, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:28
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 13:29, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:29
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 13:44, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:44
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 13:44, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:44
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 14:01, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:01
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 14:02, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:02
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 14:16, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:16
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 14:17, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:17
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 14:30, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:30
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 14:31, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:31
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 14:59, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:59
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 14:59, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:59
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 15:12, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	15:12
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 15:13, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:13
Concentration	0.034

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.	
Upcoming Work Schedule	7am start time on 4/6/22

Brooklyn Navy Yard, welding lab, 2022-04-06

Created	2022-04-06 11:28:30 UTC by Chris Erickson
Updated	2022-04-07 16:48:29 UTC by Chris Erickson
Location	40.7034454, -73.9705791

Basic Information

Client	Brooklyn Navy Yard
Project Name	welding lab
On-Site CORE Representative	Jake frishberg
CORE Project Manager	Ron Tramposch
General Contractor	Warren George
Date	2022-04-06
Arrive On-Site	07:00

Conditions

Cool, Fog, Rain, 45, 15, SW, 07:29

Weather	Cool, Fog, Rain
Temperature (F)	45
Wind Speed (MPH)	15
Wind Direction	SW
Time	07:29

Check List

Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	Yes
Was any soil hauled offsite?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:00, Arrived on site, waiting for drillers to begin work

Time	07:00
Description	Arrived on site, waiting for drillers to begin work

08:20, Work delayed due to weather, waiting for rain to clear

Time	08:20
Description	Work delayed due to weather, waiting for rain to clear

08:49, Starting working to get through the asphalt

Time	08:49
Description	Starting working to get through the asphalt

09:20, Started drilling, will set up air monitoring when rain subsides

Time	09:20
Description	Started drilling, will set up air monitoring when rain subsides

09:29, Started air monitoring

Time	09:29
Description	Started air monitoring

10:49, Small Pockets of coal tar in the core at 30-32ft

Time	10:49
Description	Small Pockets of coal tar in the core at 30-32ft

15:16, Packing up their drilling equipment

Time	15:16
Description	Packing up their drilling equipment

15:34, Filling in hole with gravel, cleaning up drilling area

Time	15:34
Description	Filling in hole with gravel, cleaning up drilling area

16:17, Waiting for drillers to grout the hole

Time	16:17
Description	Waiting for drillers to grout the hole

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind, fa00074

Photo

Time	09:30
Description	Upwind, fa00074

Downwind, fa00075

Photo	
Time	09:32
Description	Downwind, fa00075

Sample 1, 20 ft

Photo	
Time	09:35
Description	Sample 1, 20 ft

25 to 27 ft

Photo	
Time	10:14
Description	25 to 27 ft

30 to 32 ft

Photo	
Time	10:34
Description	30 to 32 ft

30 to 32

Photo	
Time	10:35
Description	30 to 32

35-37ft

Photo	
Time	11:06
Description	35-37ft

45-47ft

Photo	
Time	13:16
Description	45-47ft

55-57

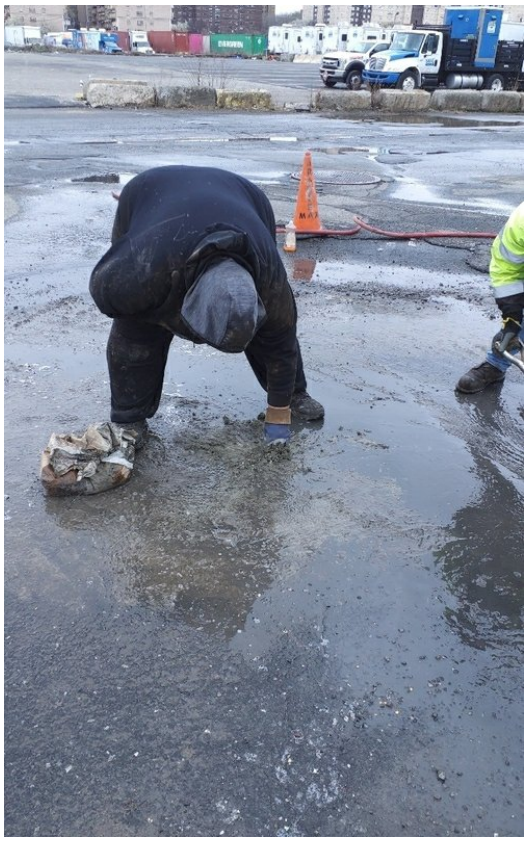
Photo	
Time	14:29
Description	55-57

58-60

Photo	
Time	15:22
Description	58-60

hole with gravel and grout, lots of subsidence so they have to come back and re-cap it on another day

Photo	



Time	16:25
Description	hole with gravel and grout, lots of subsidence so they have to come back and re-cap it on another day

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:31, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:31
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 09:33, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:33
Concentration	0.008

VOCs, MiniRAE 2000, Soil Staging Area, 09:37, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	09:37
Concentration	0

PM-10, Dusttrak Monitor, Downwind, 10:10, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:10
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 10:11, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:11
Concentration	0.007

VOCs, MiniRAE 2000, Soil Staging Area, 10:17, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	10:17
Concentration	0

VOCs, MiniRAE 2000, Soil Staging Area, 10:33, 35

Pollutant	VOCs

Device	MiniRAE 2000
Location	Soil Staging Area
Time	10:33
Concentration	35

PM-10, Dusttrak Monitor, Downwind, 10:39, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:39
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 10:39, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:39
Concentration	0.007

VOCs, MiniRAE 2000, Soil Staging Area, 10:57, 145

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	10:57
Concentration	145

PM-10, Dusttrak Monitor, Downwind, 11:18, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:18
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 11:19, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:19
Concentration	0.011

VOCs, MiniRAE 2000, Soil Staging Area, 11:19, 157

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	11:19
Concentration	157

PM-10, Dusttrak Monitor, Downwind, 11:44, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:44
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 11:45, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:45
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 12:17, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:17
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 12:18, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:18
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 13:00, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:00
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 13:01, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:01
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:47, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:47
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:48, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:48
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 14:27, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:27
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 14:28, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:28
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 15:05, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:05
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 15:07, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:07
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 15:33, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:33
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 15:34, 0.005

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	15:34
Concentration	0.005

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-16, Tomorrow at 7:30, Stopped early due to weather

Created	2022-05-16 12:34:43 UTC by Jake Frishberg
Updated	2022-05-16 19:01:24 UTC by Jake Frishberg
Location	40.70316159170205, -73.97227152257597

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-16
Arrive On-Site	07:15
Depart Site	13:45

Conditions

Overcast, Warm, 65, 2, SE, 08:35

Weather	Overcast, Warm
Temperature (F)	65
Wind Speed (MPH)	2
Wind Direction	SE
Time	08:35

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

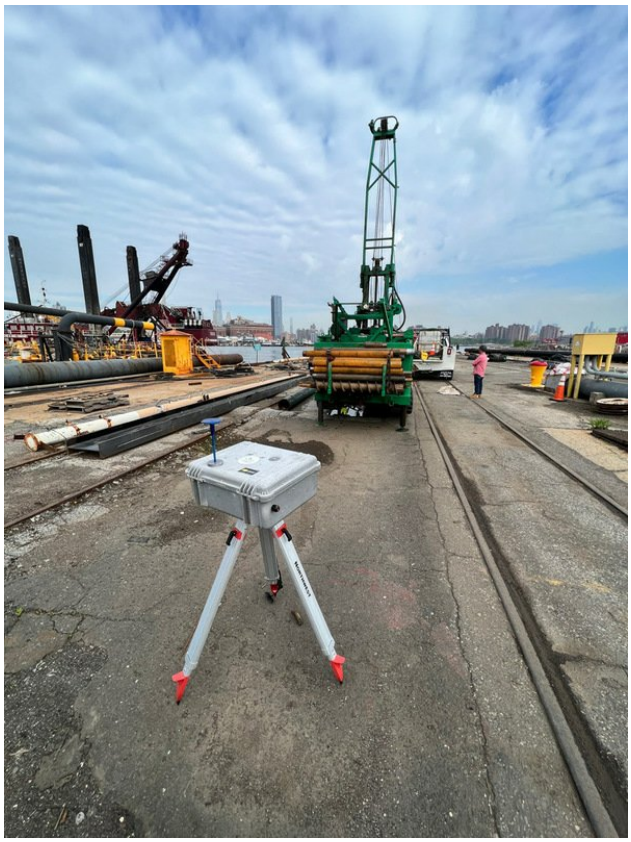
Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	 
Time	08:56
Description	Downwind

Upwind

Photo

Time	08:58
Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:56, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:56
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 08:59, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:59
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 09:33, 0.054

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:33
Concentration	0.054

PM-10, Dusttrak Monitor, Downwind, 09:33, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:33
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 10:20, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:20
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 10:21, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:21
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 11:17, 0.043

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	11:17
Concentration	0.043

PM-10, Dusttrak Monitor, Downwind, 11:18, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:18
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 12:00, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:00
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 12:01, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:01
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 12:59, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:59
Concentration	0.039

PM-10, Dusttrak Monitor, Downwind, 13:00, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:00
Concentration	0.046

PM-10, Dusttrak Monitor, Upwind, 13:26, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:26
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 13:28, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:28
Concentration	0.03

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30
Comments / Concerns	Stopped early due to weather

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-08, Tomorrow 7:30am, Data collected by the Air Monitors are being affected by the disturbance created by the pouring of water to the ocean from the dry dock bay. The upwind air monitor is closer to the edge of the pier, therefore is being affected more.

Created	2022-06-08 11:32:37 UTC by Jake Frishberg
Updated	2022-06-09 12:17:17 UTC by Jake Frishberg
Location	40.70284915626133, -73.97191990173792

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-08
Arrive On-Site	07:30
Depart Site	14:30

Conditions

Overcast, Warm, 71, 8, ENE, 07:33

Weather	Overcast, Warm
Temperature (F)	71
Wind Speed (MPH)	8
Wind Direction	ENE
Time	07:33

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

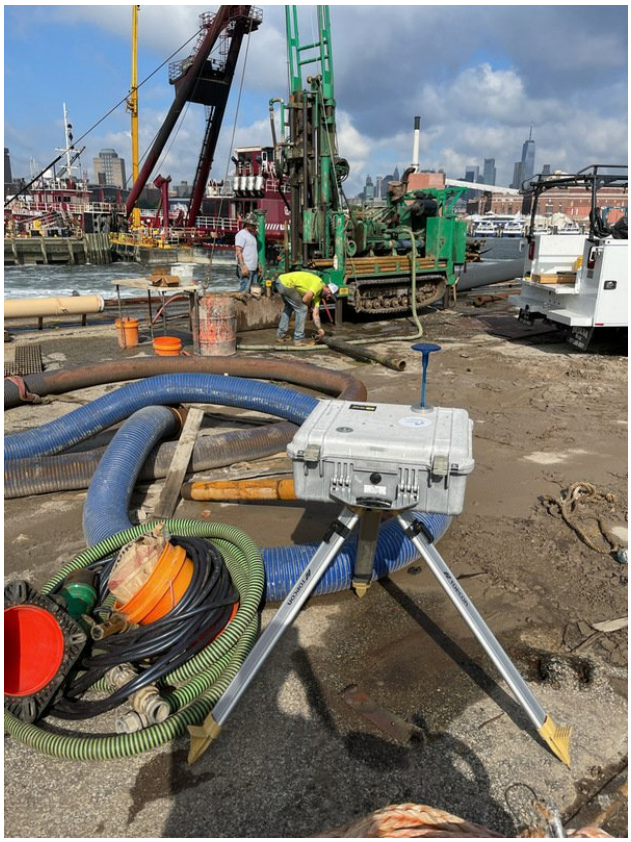
Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo



Time	08:45
Description	Downwind

Upwind

Photo

Time	08:45

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:54, 0.099

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:54
Concentration	0.099

PM-10, Dusttrak Monitor, Downwind, 08:54, 0.221

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:54
Concentration	0.221

PM-10, Dusttrak Monitor, Downwind, 09:28, 0.064

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:28
Concentration	0.064

PM-10, Dusttrak Monitor, Upwind, 09:28, 0.333

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:28
Concentration	0.333

PM-10, Dusttrak Monitor, Downwind, 10:12, 0.135

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:12
Concentration	0.135

PM-10, Dusttrak Monitor, Upwind, 10:12, 0.118

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:12
Concentration	0.118

PM-10, Dusttrak Monitor, Downwind, 10:49, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:49
Concentration	0.048

PM-10, Dusttrak Monitor, Upwind, 10:50, 0.281

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:50
Concentration	0.281

PM-10, Dusttrak Monitor, Downwind, 11:39, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:39
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 11:39, 0.257

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:39
Concentration	0.257

PM-10, Dusttrak Monitor, Downwind, 12:20, 0.12

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:20
Concentration	0.12

PM-10, Dusttrak Monitor, Upwind, 12:21, 0.177

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:21
Concentration	0.177

PM-10, Dusttrak Monitor, Downwind, 13:07, 0.077

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:07
Concentration	0.077

PM-10, Dusttrak Monitor, Upwind, 13:07, 0.289

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:07
Concentration	0.289

PM-10, Dusttrak Monitor, Downwind, 13:47, 0.09

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:47
Concentration	0.09

PM-10, Dusttrak Monitor, Upwind, 13:47, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:47
Concentration	0.024

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow 7:30am
Comments / Concerns	Data collected by the Air Monitors are being affected by the disturbance created by the pouring of water to the ocean from the dry dock bay. The upwind air monitor is closer to the edge of the pier, therefore is being affected more.

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-01, 7:30 tomorrow

Created	2022-06-01 12:14:56 UTC by Ron Tramposch
Updated	2022-06-01 20:41:54 UTC by Jake Frishberg
Location	40.70291, -73.9719471

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-01
Arrive On-Site	07:40
Depart Site	15:15

Conditions

Overcast, Warm, 65, 3, ENE, 08:15

Weather	Overcast, Warm
Temperature (F)	65
Wind Speed (MPH)	3
Wind Direction	ENE
Time	08:15

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

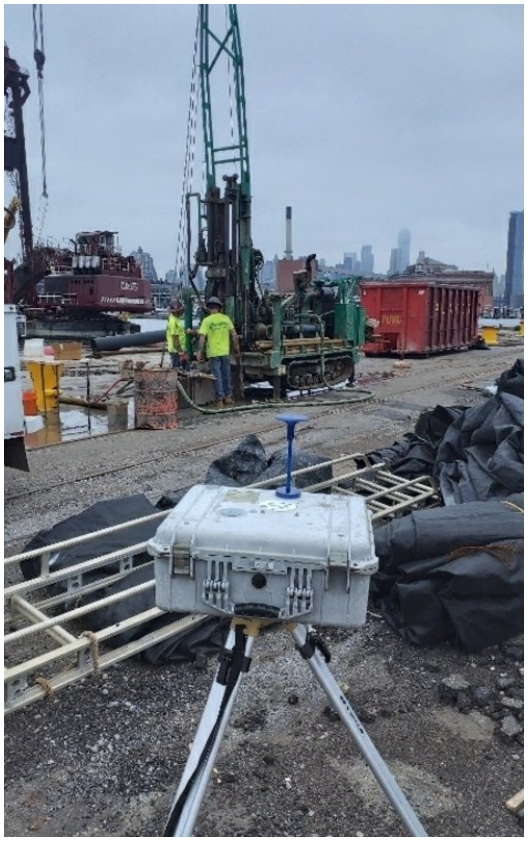
Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:29
Description	Upwind

Downwind

Photo	 
Time	08:35

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:30, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:30
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 08:36, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:36
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 09:22, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:22
Concentration	0.047

PM-10, Dusttrak Monitor, Upwind, 09:23, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:23
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 10:21, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:21
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 11:07, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:07
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 11:07, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:07
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 11:50, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:50
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 11:50, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:50
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 12:39, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:39
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 12:40, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:40
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 13:20, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:20
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 13:21, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:21
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 13:54, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:54
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 13:55, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:55
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 14:36, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:36
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 14:37, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:37
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 14:58, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:58
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 14:59, 0.017

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	14:59
Concentration	0.017

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:30 tomorrow

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-02, 7:30 tomorrow

Created	2022-06-02 11:25:55 UTC by Jake Frishberg
Updated	2022-06-02 18:21:14 UTC by Jake Frishberg
Location	40.702938606758465, -73.97188198625291

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-02
Arrive On-Site	07:26
Depart Site	14:21

Conditions

Warm, 65, 6, E, 07:29

Weather	Warm
Temperature (F)	65
Wind Speed (MPH)	6
Wind Direction	E
Time	07:29

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:41
Description	Upwind

Downwind

Photo

Time 07:42

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:07, 0.06

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:07
Concentration	0.06

PM-10, Dusttrak Monitor, Upwind, 08:09, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:09
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 08:50, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:50
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 08:50, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:50
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 09:37, 0.13

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:37
Concentration	0.13

PM-10, Dusttrak Monitor, Upwind, 09:38, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:38
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 10:22, 0.111

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:22
Concentration	0.111

PM-10, Dusttrak Monitor, Upwind, 10:22, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:22
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 11:53, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:53
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 11:54, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:54
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 11:08, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:08
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 11:08, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:08
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 12:33, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	12:33
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 12:34, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:34
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 13:13, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:13
Concentration	0.053

PM-10, Dusttrak Monitor, Upwind, 13:14, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:14
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 13:54, 0.095

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:54
Concentration	0.095

PM-10, Dusttrak Monitor, Upwind, 13:55, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:55
Concentration	0.023

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:30 tomorrow

Brooklyn Navy Yard, Building 74 - Geotech Borings, 2022-03-30, Both borings completed- No further work.

Created	2022-03-30 14:28:13 UTC by Ron Tramposch
Updated	2022-03-30 19:58:53 UTC by Ron Tramposch
Location	40.69863087967103, -73.97744768306052

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 74 - Geotech Borings
On-Site CORE Representative	Jacob Thomann
CORE Project Manager	Ron Tramposch
General Contractor	AMOGY
Date	2022-03-30
Arrive On-Site	10:00
Depart Site	16:00

Conditions

Cold, Clear, 49, 2, N, 10:29

Weather	Cold, Clear
Temperature (F)	49
Wind Speed (MPH)	2
Wind Direction	N
Time	10:29

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

10:00, AMOGY, Driller and CORE onsite.

Time	10:00
Description	AMOGY, Driller and CORE onsite.

10:30, Drillers started boring.

Time	10:30
Description	Drillers started boring.

11:19, Drillers have removed concrete and are conducting borings.

Time	11:19
Description	Drillers have removed concrete and are conducting borings.

12:05, Drillers continue with the first boring.

Time	12:05
Description	Drillers continue with the first boring.

12:30, First boring is complete- No visual or olfactory contamination observed. PID levels read 0.

Time	12:30
Description	First boring is complete- No visual or olfactory contamination observed. PID levels read 0.

14:02, Drilling of second boring begins.

Time	14:02
Description	Drilling of second boring begins.

14:49, Second boring location continues.

Time	14:49
Description	Second boring location continues.

15:08, Second borings complete. Driller is just cleaning up and all soil will be restored back into the original boring locations.

Time	15:08
Description	Second borings complete. Driller is just cleaning up and all soil will be restored back into the original boring locations.

15:58, Offsite

Time	15:58
Description	Offsite

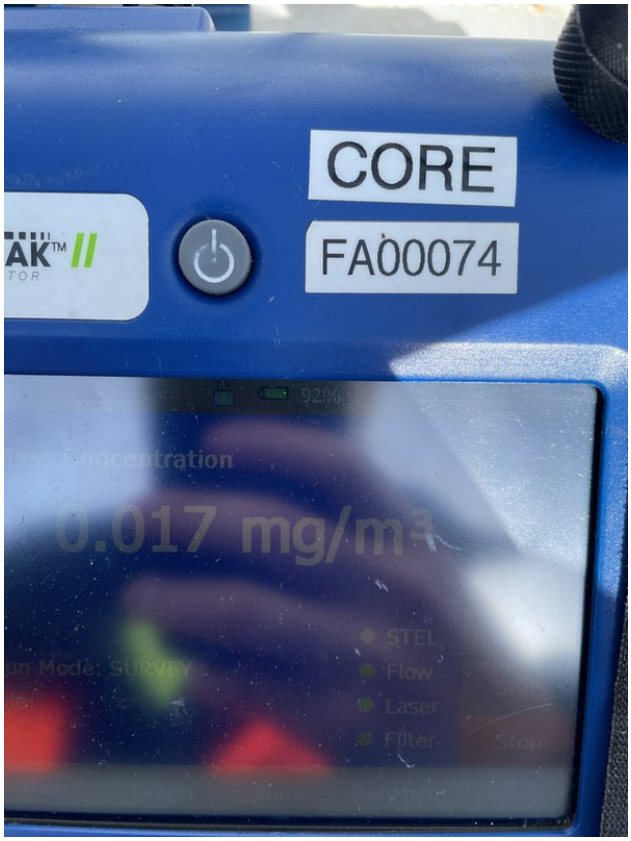
Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind Air monitor 74

Photo	
Time	10:34
Description	Upwind Air monitor 74

74

Photo	
Time	10:36
Description	74

Universal Drilling and Boring- Drilling First Boring

Photo	
Time	10:38
Description	Universal Drilling and Boring- Drilling First Boring

Boring Sample material

Photo	
Time	11:20
Description	Boring Sample material

Pid reading

Photo	
Time	11:25
Description	Pid reading

Pid reading for sample

Photo	
Time	11:30
Description	Pid reading for sample

Soil picture

Photo	
Time	11:35
Description	Soil picture

Drillers

Photo	
Time	11:50
Description	Drillers

Second boring location

Photo	
Time	14:10
Description	Second boring location

sample

Photo	
Time	14:12
Description	sample

Samples from second boring

Photo	
Time	15:10
Description	Samples from second boring

Soil Boring 1 Restored

Photo	
Time	15:56
Description	Soil Boring 1 Restored

Soil Boring 2 Restored

Photo	
Time	15:56
Description	Soil Boring 2 Restored

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 10:43, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:43
Concentration	0.014

VOCs, MiniRAE 2000, Soil Excavation Area, 11:19, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	11:19
Concentration	0

PM-10, Dusttrak Monitor, Downwind, 14:12, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:12

Concentration	0.012

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Both borings completed- No further work.

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-03, 7:30 tomorrow

Created	2022-06-03 11:31:47 UTC by Jake Frishberg
Updated	2022-06-03 17:32:14 UTC by Jake Frishberg
Location	40.70284383507289, -73.97202555013634

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-03
Arrive On-Site	07:31
Depart Site	13:32

Conditions

Warm, Overcast, 65, 5, WSW, 07:33

Weather	Warm, Overcast
Temperature (F)	65
Wind Speed (MPH)	5
Wind Direction	WSW
Time	07:33

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:50
Description	Upwind

Downwind

Photo	 
Time	07:52

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:20, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:20
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 08:22, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:22
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 09:09, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:09
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 09:09, 0.073

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:09
Concentration	0.073

PM-10, Dusttrak Monitor, Upwind, 09:54, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:54
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 09:54, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:54
Concentration	0.036

PM-10, Dusttrak Monitor, Upwind, 10:39, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:39
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 10:40, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:40
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 11:25, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:25
Concentration	0.048

PM-10, Dusttrak Monitor, Downwind, 11:25, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:25
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 12:10, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:10
Concentration	0.053

PM-10, Dusttrak Monitor, Downwind, 12:11, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:11
Concentration	0.036

PM-10, Dusttrak Monitor, Upwind, 12:54, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:54
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 12:55, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:55
Concentration	0.053

PM-10, Dusttrak Monitor, Upwind, 13:21, 0.052

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:21
Concentration	0.052

PM-10, Dusttrak Monitor, Downwind, 13:23, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:23
Concentration	0.046

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:30 tomorrow

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-06, Tomorrow 7:30am

Created	2022-06-06 11:27:29 UTC by Jake Frishberg
Updated	2022-06-06 17:50:24 UTC by Jake Frishberg
Location	40.70268034473127, -73.97176324396764

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-06
Arrive On-Site	07:27
Depart Site	13:50

Conditions

Warm, Clear, 66, 2, SSE, 07:28

Weather	Warm, Clear
Temperature (F)	66
Wind Speed (MPH)	2
Wind Direction	SSE
Time	07:28

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

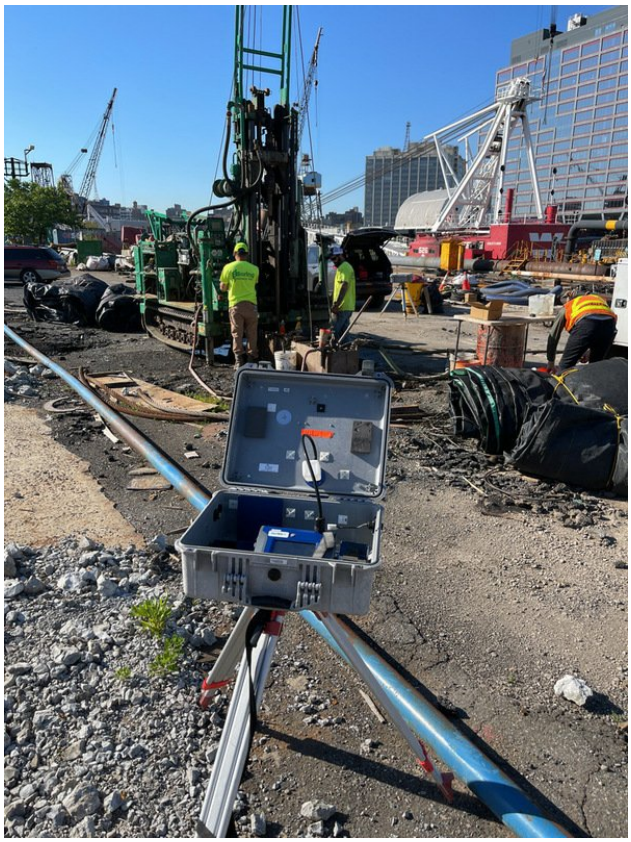
Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo



Time	08:21
Description	Upwind

Downwind

Photo	 
Time	08:22

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:20, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:20
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 08:21, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:21
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 09:08, 0.063

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:08
Concentration	0.063

PM-10, Dusttrak Monitor, Upwind, 09:09, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:09
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 09:48, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:48
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 09:48, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:48
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 10:29, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:29
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 10:29, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:29
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 11:09, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:09
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 11:10, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:10
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 11:51, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:51
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 11:51, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:51
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 12:31, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	12:31
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 12:31, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:31
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 13:12, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:12
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 13:12, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:12
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:41, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:41
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 13:42, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:42
Concentration	0.007

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow 7:30am

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-07, Tomorrow 7:30am

Created	2022-06-07 11:34:57 UTC by Jake Frishberg
Updated	2022-06-07 17:45:15 UTC by Jake Frishberg
Location	40.70292798806047, -73.97186164751088

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-07
Arrive On-Site	07:35
Depart Site	13:45

Conditions

Warm, 66, 6, NNE, 07:35

Weather	Warm
Temperature (F)	66
Wind Speed (MPH)	6
Wind Direction	NNE
Time	07:35

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

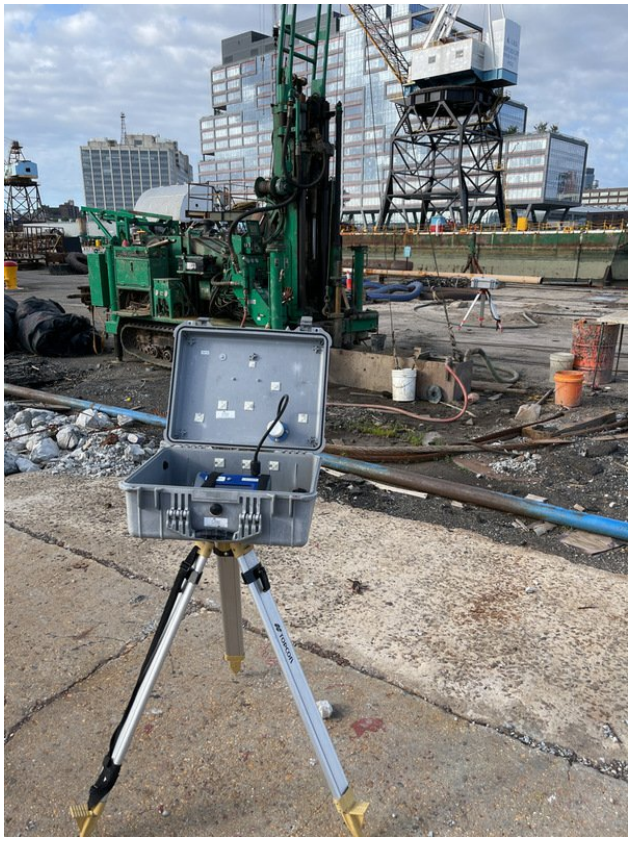
Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:50
Description	Upwind

Downwind

Photo	 
Time	07:51

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:51, 0.049

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:51
Concentration	0.049

PM-10, Dusttrak Monitor, Downwind, 07:52, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:52
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 08:23, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:23
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 08:24, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:24
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 09:12, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:12
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 09:12, 0.052

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:12
Concentration	0.052

PM-10, Dusttrak Monitor, Upwind, 09:52, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:52
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 09:53, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:53
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 10:33, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:33
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 10:34, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:34
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 11:24, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:24
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 11:24, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:24
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 12:07, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:07
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 12:08, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:08
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 12:51, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:51
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 12:52, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:52
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 13:21, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:21
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 13:22, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:22
Concentration	0.017

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow 7:30am

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-10, Monday at 7:30am

Created	2022-06-10 11:25:10 UTC by Jake Frishberg
Updated	2022-06-10 16:54:35 UTC by Jake Frishberg
Location	40.702186863160456, -73.97094894568251

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-10
Arrive On-Site	07:20
Depart Site	12:05

Conditions

Clear, Warm, 66, 6, ESE, 07:25

Weather	Clear, Warm
Temperature (F)	66
Wind Speed (MPH)	6
Wind Direction	ESE
Time	07:25

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

12:54, Data collected by the Air Monitors are being affected by the disturbance created by the pouring of water to the ocean from the dry dock bay. The upwind air monitor is closer to the edge of the pier, therefore is being affected more.

Time	12:54
Description	Data collected by the Air Monitors are being affected by the disturbance created by the pouring of water to the ocean from the dry dock bay. The upwind air monitor is closer to the edge of the pier, therefore is being affected more.

Photos

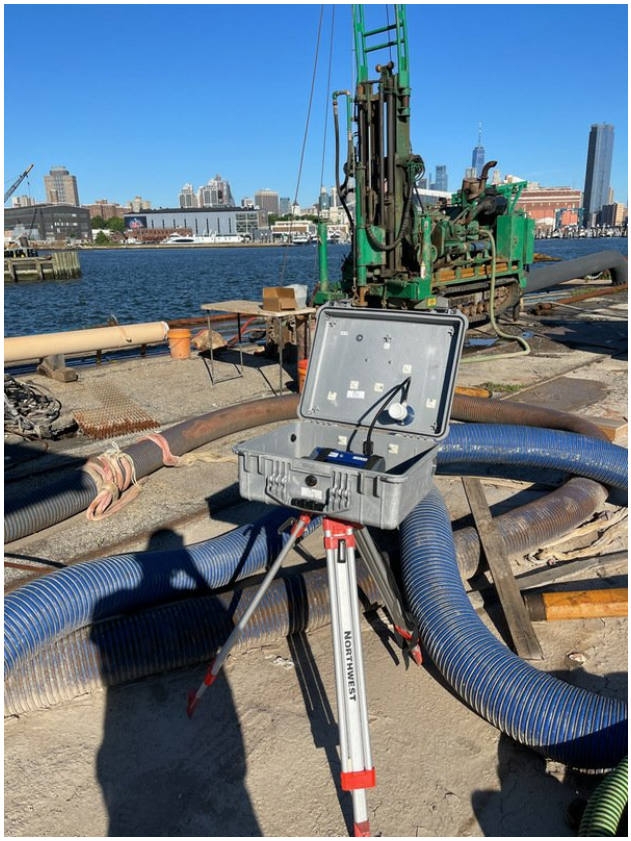
Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	07:53
Description	Upwind

Downwind

Photo



Time	07:54

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:05, 0.067

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:05
Concentration	0.067

PM-10, Dusttrak Monitor, Upwind, 08:06, 0.265

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:06
Concentration	0.265

PM-10, Dusttrak Monitor, Downwind, 08:52, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:52
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 08:52, 0.312

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:52
Concentration	0.312

PM-10, Dusttrak Monitor, Downwind, 09:46, 0.067

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:46
Concentration	0.067

PM-10, Dusttrak Monitor, Upwind, 09:47, 0.302

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:47
Concentration	0.302

PM-10, Dusttrak Monitor, Downwind, 10:28, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:28
Concentration	0.048

PM-10, Dusttrak Monitor, Upwind, 10:29, 0.109

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:29
Concentration	0.109

PM-10, Dusttrak Monitor, Downwind, 11:17, 0.074

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:17
Concentration	0.074

PM-10, Dusttrak Monitor, Upwind, 11:18, 0.175

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:18
Concentration	0.175

PM-10, Dusttrak Monitor, Downwind, 11:53, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:53
Concentration	0.051

PM-10, Dusttrak Monitor, Upwind, 11:53, 0.199

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:53
Concentration	0.199

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Monday at 7:30am

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-13, Tomorrow at 7:30am

Created	2022-06-13 11:49:35 UTC by Engel Valdez
Updated	2022-06-13 18:22:28 UTC by Engel Valdez
Location	40.702936202325766, -73.97186458117699

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-13
Arrive On-Site	07:20
Depart Site	14:25

Conditions

Clear, Warm, 70, 3, SSE, 07:49

Weather	Clear, Warm
Temperature (F)	70
Wind Speed (MPH)	3
Wind Direction	SSE
Time	07:49

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:50, A new/extra rig will arrive on site today and will be excavating along side with the existing rig.

Time	07:50
Description	A new/extra rig will arrive on site today and will be excavating along side with the existing rig.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	09:17
Description	Downwind

Upwind

Photo

Time	09:18

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:15, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:15
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 09:16, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:16
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 10:08, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:08
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 10:10, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:10
Concentration	0.037

PM-10, Dusttrak Monitor, Upwind, 10:54, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:54
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 10:55, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:55
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 11:41, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:41
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 11:41, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:41
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 12:26, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:26
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 12:27, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:27
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 13:00, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:00
Concentration	0.041

PM-10, Dusttrak Monitor, Downwind, 13:01, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:01
Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 13:46, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:46
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 13:47, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:47
Concentration	0.042

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.	
Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 9 Replacement, 2022-06-14, Tomorrow at 7:30am

Created	2022-06-14 11:29:49 UTC by Engel Valdez
Updated	2022-06-14 17:50:43 UTC by Engel Valdez
Location	40.70267445358077, -73.97144407116026

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-14
Arrive On-Site	07:20
Depart Site	13:45

Conditions

Warm, Overcast, 70, 7, WSW, 07:30

Weather	Warm, Overcast
Temperature (F)	70
Wind Speed (MPH)	7
Wind Direction	WSW
Time	07:30

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:40
Description	Upwind

Downwind

Photo	
	
Time	07:41

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:55, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:55
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 07:55, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:55
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 08:45, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:45
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 08:46, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:46
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 09:31, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:31
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 09:31, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:31
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 10:17, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:17
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 10:17, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:17
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 11:02, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:02
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 11:05, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:05
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 11:49, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:49
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 11:49, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:49
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 12:32, 0.057

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:32
Concentration	0.057

PM-10, Dusttrak Monitor, Downwind, 12:33, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:33
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 13:20, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:20
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 13:20, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:20
Concentration	0.018

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Pier 9 Replacement, 2022-05-11, Tomorrow at 7:30am

Created	2022-05-11 12:15:51 UTC by Jake Frishberg
Updated	2022-05-11 19:40:20 UTC by Jake Frishberg
Location	40.699435333333334, -73.96958116666666

Basic Information

Client	Brooklyn Navy Yard
Project Name	Pier 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-11
Arrive On-Site	07:30
Depart Site	14:30

Conditions

Clear, Warm, 60, 7, NE, 08:20

Weather	Clear, Warm
Temperature (F)	60
Wind Speed (MPH)	7
Wind Direction	NE
Time	08:20

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

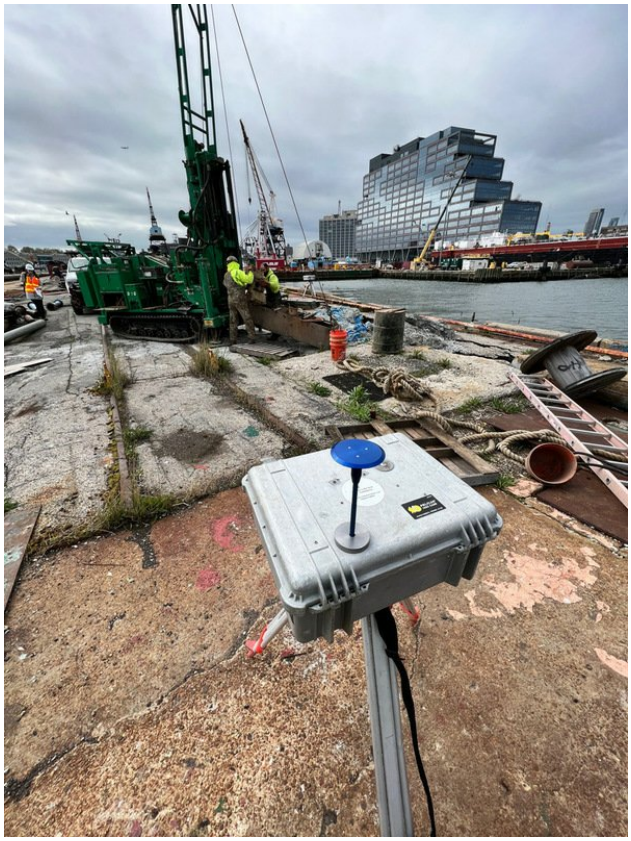
Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	09:12
Description	Upwind

Downwind

Photo	 
Time	09:19

Description	Downwind

35-37ft

Photo	
Time	11:05
Description	35-37ft

50-55ft

Photo	
Time	15:39
Description	50-55ft

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:13, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:13
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 09:18, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:18
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 09:55, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:55

Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 09:56, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:56
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 10:18, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:18
Concentration	0.012

VOCs, Dusttrak Monitor, Downwind, 10:19, 0.017

Pollutant	VOCs
Device	Dusttrak Monitor
Location	Downwind
Time	10:19
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 11:01, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:01
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 11:02, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:02
Concentration	0.025

VOCs, MiniRAE 2000, Soil Staging Area, 11:09, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Staging Area
Time	11:09
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 11:46, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	11:46
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 11:47, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:47
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 12:17, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:17
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 12:18, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:18
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 12:57, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:57
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 12:58, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:58
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 13:33, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:33
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 13:34, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:34
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 14:06, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:06
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 14:08, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:08
Concentration	0.012

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-12, Tomorrow at 7:30am

Created	2022-05-12 12:49:55 UTC by Jake Frishberg
Updated	2022-05-12 19:25:03 UTC by Jake Frishberg
Location	40.70317240435715, -73.97229113622939

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-12
Arrive On-Site	07:30
Depart Site	14:15

Conditions

Warm, Overcast, 60, 4, ENE, 08:50

Weather	Warm, Overcast
Temperature (F)	60
Wind Speed (MPH)	4
Wind Direction	ENE
Time	08:50

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	09:02
Description	Upwind

Downwind

Photo

Time	09:02

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:02, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:02
Concentration	0.003

PM-10, Dusttrak Monitor, Downwind, 09:03, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:03
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 09:55, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:55
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 09:56, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:56
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 10:48, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:48
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 10:49, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:49
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 11:45, 0.095

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:45
Concentration	0.095

PM-10, Dusttrak Monitor, Downwind, 11:46, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:46
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 12:20, 0.111

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:20
Concentration	0.111

PM-10, Dusttrak Monitor, Downwind, 12:21, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:21
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 13:03, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:03
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 13:04, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:04
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 13:44, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:44
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 13:45, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:45
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 13:59, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:59
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 14:01, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:01
Concentration	0.027

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-13, 7:30 on Monday

Created	2022-05-13 11:40:00 UTC by Ron Tramposch
Updated	2022-05-13 17:34:06 UTC by Jake Frishberg
Location	40.7032257, -73.9723845

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-13
Arrive On-Site	07:30
Depart Site	13:45

Conditions

Cool, Overcast, 61, 3, ENE, 07:44

Weather	Cool, Overcast
Temperature (F)	61
Wind Speed (MPH)	3
Wind Direction	ENE
Time	07:44

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

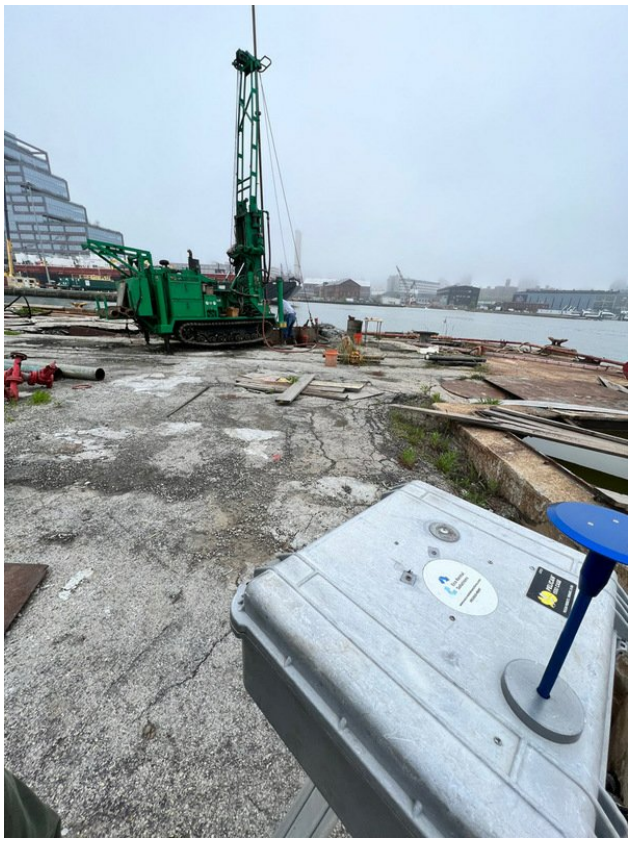
Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo



Time	08:01
Description	Downwind

Upwind

Photo	 
Time	08:01

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:01, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:01
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 08:02, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:02
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 09:24, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:24
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 09:25, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:25
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 10:34, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:34
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 10:35, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:35
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 11:25, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:25
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 11:26, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:26
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 12:17, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:17
Concentration	0.047

PM-10, Dusttrak Monitor, Downwind, 12:17, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:17
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 13:03, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:03
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 13:04, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:04
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 13:27, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:27
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 13:29, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:29
Concentration	0.042

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.	
Upcoming Work Schedule	7:30 on Monday

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-17

Created	2022-05-17 11:27:50 UTC by Jake Frishberg
Updated	2022-05-17 17:28:36 UTC by Jake Frishberg
Location	,

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
Date	2022-05-17
Arrive On-Site	07:28
Depart Site	13:40

Conditions

Clear, Cool, Warm, 61, 7, NE, 07:32

Weather	Clear, Cool, Warm
Temperature (F)	61
Wind Speed (MPH)	7
Wind Direction	NE
Time	07:32

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:48, Work began at 7:45am

Time	07:48
Description	Work began at 7:45am

10:18, Stop work for break

Time	10:18
Description	Stop work for break

10:27, Work started again

Time	10:27
Description	Work started again

13:11, End of work for the day

Time	13:11
Description	End of work for the day

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

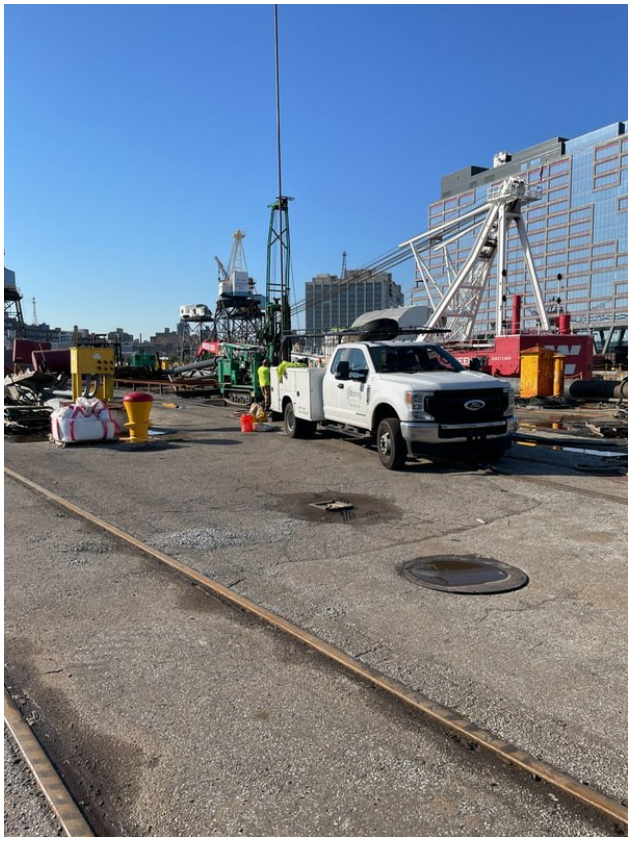
Downwind monitor FA01652

Photo	
Time	07:33
Description	Downwind monitor FA01652

Upwind monitor FA02806

Photo	
Time	07:39
Description	Upwind monitor FA02806

Drill rig

Photo	
Time	08:06
Description	Drill rig

Sample 75’

Photo	
Time	08:32
Description	Sample 75’

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:40, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:40
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 07:42, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:42
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 07:55, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:55

Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 07:56, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:56
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 08:07, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:07
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 08:08, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:08
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 08:21, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:21
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 08:22, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:22
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 08:35, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:35
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 08:36, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	08:36
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 08:49, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:49
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 08:50, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:50
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 09:03, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:03
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 09:04, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:04
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 09:19, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:19
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 09:20, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:20
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 09:31, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:31
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 09:32, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:32
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 09:44, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:44
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 09:45, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:45
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 09:58, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:58
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 09:59, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:59
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 10:15, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:15

Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 10:16, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:16
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 10:29, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:29
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:30, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:30
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 10:44, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:44
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 10:45, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:45
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 11:00, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:00
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:00, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	11:00
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 11:14, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:14
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:15, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:15
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:29, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:29
Concentration	0.004

PM-10, Dusttrak Monitor, Downwind, 11:29, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:29
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 11:43, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:43
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 11:44, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:44
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 11:59, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:59
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 11:59, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:59
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 12:12, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:12
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 12:13, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:13
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 12:27, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:27
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 12:27, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:27
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 12:41, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:41

Concentration	0.002

PM-10, Dusttrak Monitor, Downwind, 12:42, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:42
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 13:01, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:01
Concentration	0.002

PM-10, Dusttrak Monitor, Downwind, 13:01, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:01
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 13:07, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:07
Concentration	0.002

PM-10, Dusttrak Monitor, Downwind, 13:10, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:10
Concentration	0.007

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-18, Tomorrow at 7:30

Created	2022-05-18 11:33:43 UTC by Jake Frishberg
Updated	2022-05-18 18:55:50 UTC by Jake Frishberg
Location	40.702906198729806, -73.97205410206145

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-18
Arrive On-Site	07:20
Depart Site	15:05

Conditions

Cool, Windy, Clear, 60, 5, NW, 07:35

Weather	Cool, Windy, Clear
Temperature (F)	60
Wind Speed (MPH)	5
Wind Direction	NW
Time	07:35

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:21
Description	Upwind

Downwind

Photo	 
Time	08:21

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:04, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:04
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 09:05, 0.071

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:05
Concentration	0.071

PM-10, Dusttrak Monitor, Upwind, 10:20, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:20
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.072

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.072

PM-10, Dusttrak Monitor, Upwind, 10:48, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:48
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:48, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:48
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 11:33, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:33
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 11:33, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:33
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 12:55, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:55
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 12:56, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:56
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 13:56, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:56
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 13:57, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:57
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 14:33, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	14:33
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 14:34, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:34
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 14:49, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:49
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 14:50, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:50
Concentration	0.006

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-20, 7:30 on Monday

Created	2022-05-20 11:37:28 UTC by Jake Frishberg
Updated	2022-05-20 19:08:29 UTC by Jake Frishberg
Location	40.70300871203588, -73.9722283616879

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-20
Arrive On-Site	07:30
Depart Site	13:15

Conditions

Fog, Overcast, Cool, 60, 1, ENE, 07:38

Weather	Fog, Overcast, Cool
Temperature (F)	60
Wind Speed (MPH)	1
Wind Direction	ENE
Time	07:38

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

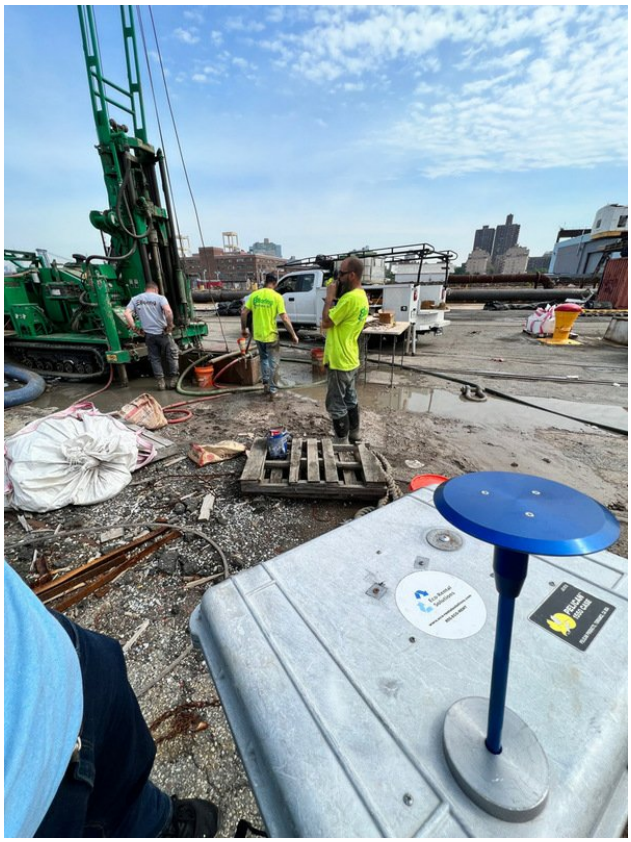
Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

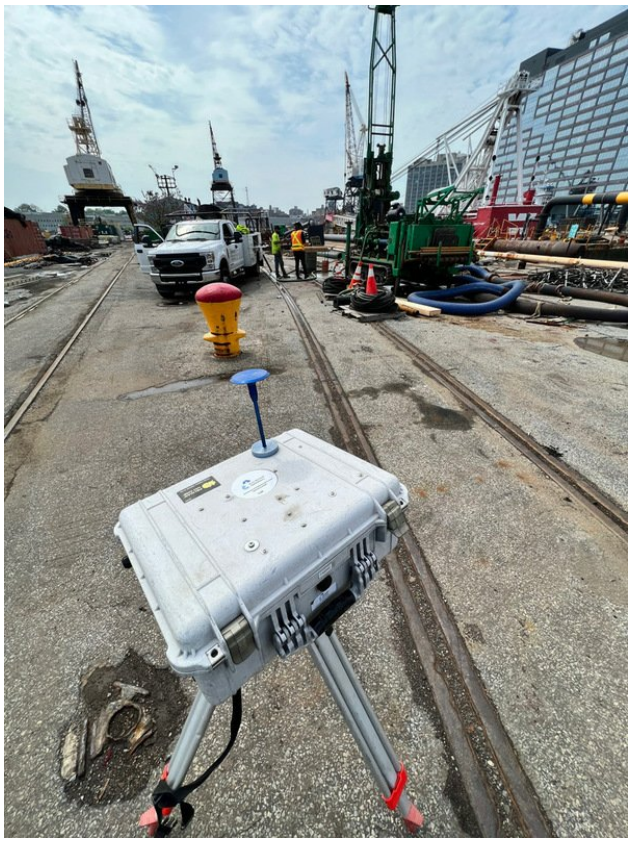
Photo



Time	07:58
Description	Upwind

Downwind

Photo



Time	08:22

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:42, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:42
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 08:46, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:46
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 09:27, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:27
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 09:29, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:29
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 10:23, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:23
Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 10:24, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:24
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:28, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:28
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 11:31, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:31
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 12:20, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:20
Concentration	0.051

PM-10, Dusttrak Monitor, Upwind, 12:22, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:22
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 12:43, 0.085

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:43
Concentration	0.085

PM-10, Dusttrak Monitor, Upwind, 12:45, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:45
Concentration	0.021

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:30 on Monday

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-23, Tomorrow at 7:30

Created	2022-05-23 12:26:37 UTC by Jake Frishberg
Updated	2022-05-23 20:39:46 UTC by Jake Frishberg
Location	40.70304420314814, -73.9724317845646

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-23
Arrive On-Site	07:25
Depart Site	14:50

Conditions

Cool, Clear, 60, 5, N, 08:26

Weather	Cool, Clear
Temperature (F)	60
Wind Speed (MPH)	5
Wind Direction	N
Time	08:26

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind west site

Photo

Time	08:29
Description	Downwind west site

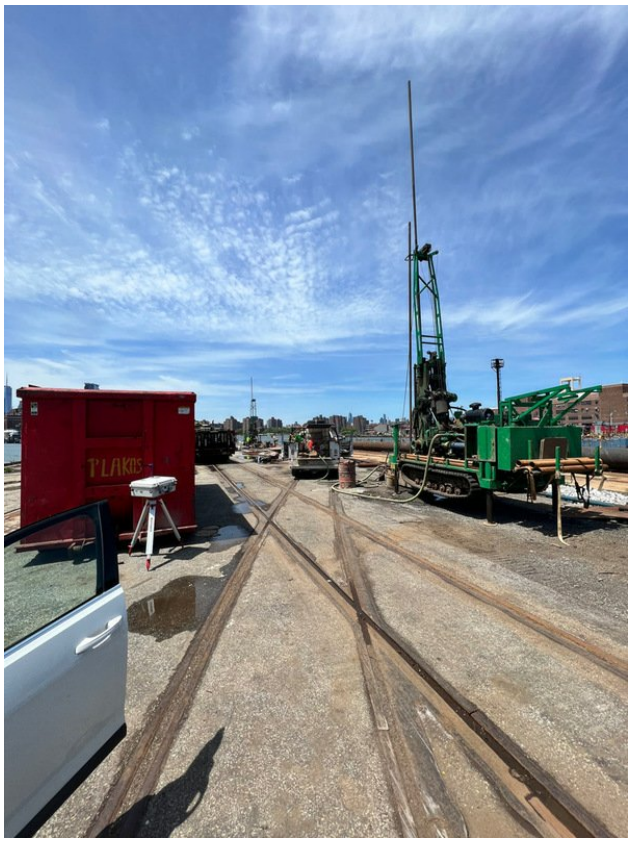
Upwind west site

Photo

Time 08:33

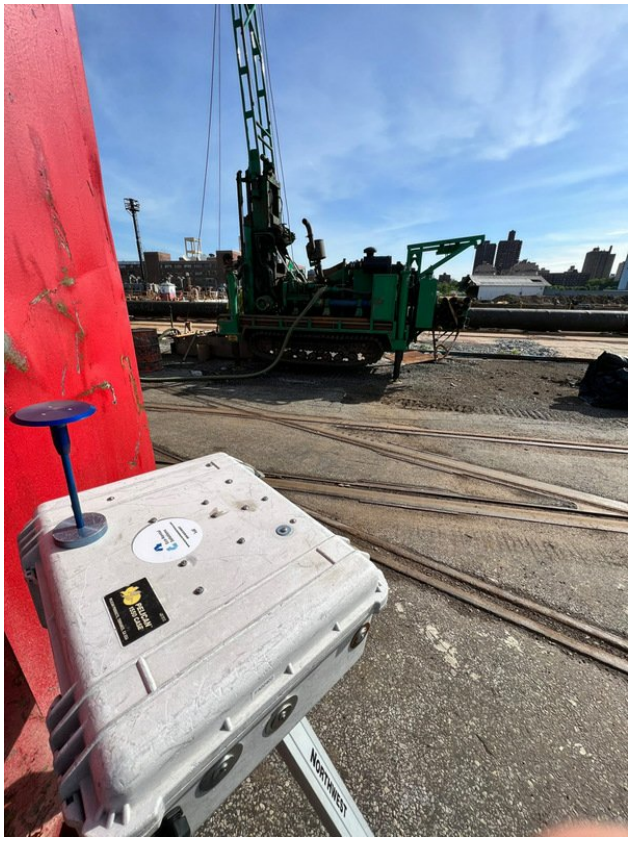
Description	Upwind west site

Relative site locations

Photo	
Time	13:49
Description	Relative site locations

Upwind East Site

Photo



Time	08:04
Description	Upwind East Site

Downwind East Site

Photo	 
Time	16:04

Description	Downwind East Site

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:30, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:30
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 08:33, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:33
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 08:39, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:39
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 08:39, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:39
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 09:32, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:32
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 09:32, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:32
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 09:33, 0.001

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:33
Concentration	0.001

PM-10, Dusttrak Monitor, Downwind, 09:34, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:34
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 10:37, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:37
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 10:38, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:38
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 10:38, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:38
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 10:39, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:39
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 11:29, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	11:29
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 11:29, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:29
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 11:30, 0.001

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:30
Concentration	0.001

PM-10, Dusttrak Monitor, Upwind, 11:31, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:31
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 13:00, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:00
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 13:01, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:01
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 13:01, 0.001

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:01
Concentration	0.001

PM-10, Dusttrak Monitor, Upwind, 13:02, 0.002

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	13:02
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 13:41, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:41
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:41, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:41
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:42, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:42
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 13:43, 0.001

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:43
Concentration	0.001

PM-10, Dusttrak Monitor, Upwind, 14:19, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:19
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 14:19, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:19
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 14:20, 0

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:20
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 14:20, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:20
Concentration	0.004

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-24, Tomorrow at 7:30

Created	2022-05-24 12:00:46 UTC by Jake Frishberg
Updated	2022-05-24 20:47:01 UTC by Jake Frishberg
Location	40.7030139444775, -73.97227277986144

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-24
Arrive On-Site	07:30
Depart Site	12:15

Conditions

Cool, Overcast, 60, 4, ENE, 08:01

Weather	Cool, Overcast
Temperature (F)	60
Wind Speed (MPH)	4
Wind Direction	ENE
Time	08:01

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind East

Photo

Time	08:16
Description	Downwind East

Upwind East

Photo	 
Time	08:16

Description	Upwind East

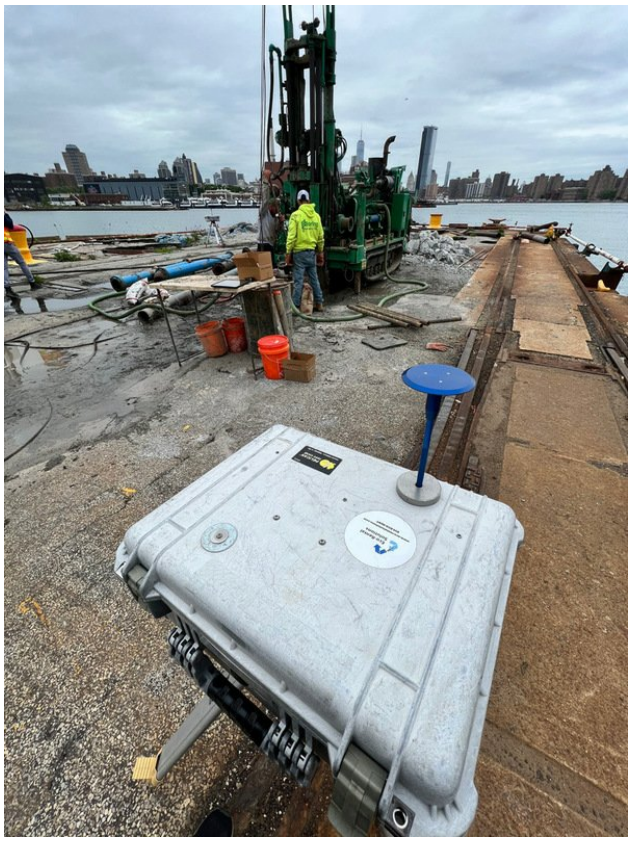
Upwind west

Photo

Time	08:16
Description	Upwind west

Downwind west

Photo



Time	08:17
Description	Downwind west

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:13, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:13
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 08:13, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:13
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 08:13, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:13

Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 08:14, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:14
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:10, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:10
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 09:11, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:11
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 09:12, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:12
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 09:12, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:12
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 10:06, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:06
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 10:07, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	10:07
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:07, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:07
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 10:08, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:08
Concentration	0.043

PM-10, Dusttrak Monitor, Downwind, 11:05, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:05
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:05, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:05
Concentration	0.043

PM-10, Dusttrak Monitor, Downwind, 11:06, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:06
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 11:07, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:07
Concentration	0.022

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-25, Tomorrow at 7:30

Created	2022-05-25 11:35:44 UTC by Jake Frishberg
Updated	2022-05-25 18:22:49 UTC by Jake Frishberg
Location	40.70300681713289, -73.97221042687158

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-25
Arrive On-Site	07:15
Depart Site	14:15

Conditions

Clear, Warm, 55, 2, ENE, 07:36

Weather	Clear, Warm
Temperature (F)	55
Wind Speed (MPH)	2
Wind Direction	ENE
Time	07:36

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:42
Description	Downwind

Upwind

Photo

Time	07:42

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:43, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:43
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 07:43, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:43
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 08:30, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:30
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 08:30, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:30
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 09:31, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:31
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 09:32, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:32
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 11:16, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:16
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 11:17, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:17
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 12:22, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:22
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 12:23, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:23
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 13:14, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:14
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 13:15, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:15
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 13:55, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:55
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 13:55, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:55
Concentration	0.009

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.	
Upcoming Work Schedule	Tomorrow at 7:30

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-26, Tomorrow at 7:30

Created	2022-05-26 12:00:08 UTC by Jake Frishberg
Updated	2022-05-26 19:12:24 UTC by Jake Frishberg
Location	40.70300528380718, -73.97218163437128

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-26
Arrive On-Site	07:15
Depart Site	14:15

Conditions

Cool, 60, 2, ESE, 08:00

Weather	Cool
Temperature (F)	60
Wind Speed (MPH)	2
Wind Direction	ESE
Time	08:00

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:48
Description	Upwind

Downwind

Photo	 
Time	08:48

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:47, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:47
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 08:48, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:48
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 09:46, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:46
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:47, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:47
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 10:58, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:58
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 10:59, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:59
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 11:53, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:53
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 11:54, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:54
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 12:47, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:47
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 12:47, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:47
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:38, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:38
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 13:39, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:39
Concentration	0.011

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30

Brooklyn Navy Yard, Berth 9 Replacement, 2022-05-27, 7:30 on Wednesday possibly

Created	2022-05-27 11:55:23 UTC by Jake Frishberg
Updated	2022-05-27 16:38:28 UTC by Jake Frishberg
Location	40.703143989705396, -73.97225375294124

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 9 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-05-27
Arrive On-Site	07:20
Depart Site	11:45

Conditions

Cool, Overcast, Fog, 66, 3, S, 07:55

Weather	Cool, Overcast, Fog
Temperature (F)	66
Wind Speed (MPH)	3
Wind Direction	S
Time	07:55

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:06
Description	Downwind

Upwind

Photo

Time	08:06

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 09:00, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:00
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 09:01, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:01
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 10:16, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:16
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 10:16, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:16
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 11:14, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:14
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 11:14, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:14
Concentration	0.017

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:30 on Wednesday possibly

Brooklyn Navy Yard, Berth 10 Replacement, 2022-08-01

Created	2022-08-01 12:14:45 UTC by Jake Frishberg
Updated	2022-08-01 17:07:13 UTC by Jake Frishberg
Location	40.7035982888571, -73.97186977795695

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-08-01
Arrive On-Site	07:00
Depart Site	13:30

Conditions

Overcast, Warm, Rain, 70, 3, NE, 08:15

Weather	Overcast, Warm, Rain
Temperature (F)	70
Wind Speed (MPH)	3
Wind Direction	NE
Time	08:15

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

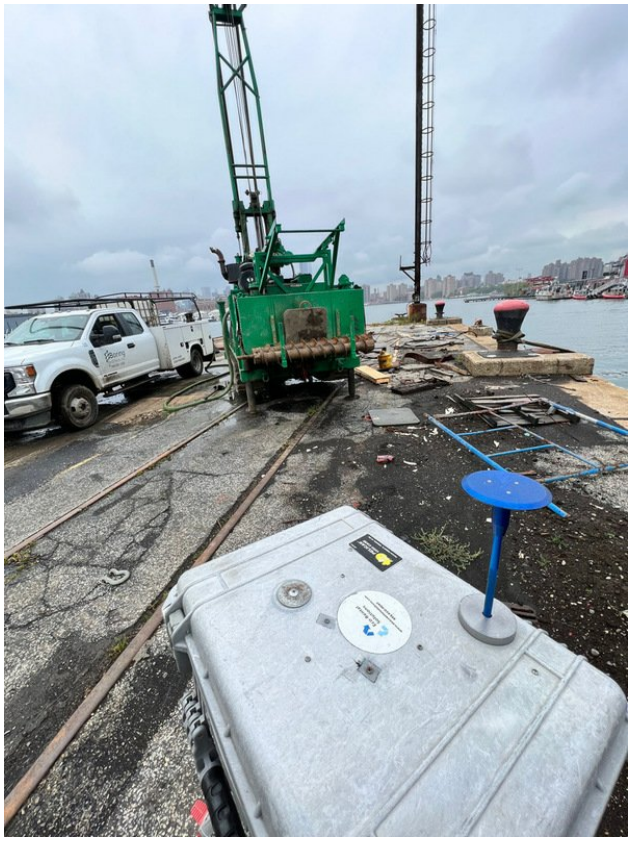
Upwind

Photo

Time	09:10
Description	Upwind

Downwind

Photo



Time 09:11

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:10, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:10
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 09:11, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:11
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 10:37, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:37
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 10:38, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:38
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 11:54, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:54
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 11:55, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:55
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 13:02, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:02
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 13:04, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:04
Concentration	0.028

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Berth 10 Replacement, 2022-07-26, Tomorrow at 7

Created	2022-07-26 11:56:54 UTC by Jake Frishberg
Updated	2022-07-26 17:09:41 UTC by Jake Frishberg
Location	40.70322500079954, -73.97102211608922

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-26
Arrive On-Site	07:00
Depart Site	13:15

Conditions

Clear, Hot, 75, 2, N, 07:57

Weather	Clear, Hot
Temperature (F)	75
Wind Speed (MPH)	2
Wind Direction	N
Time	07:57

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:08
Description	Downwind

Upwind

Photo

Time	08:08

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:06, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:06
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 08:07, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:07
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 09:41, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:41
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:42, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:42
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 11:59, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:59
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 11:59, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:59
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 12:52, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:52
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 12:52, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:52
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 13:04, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:04
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 13:06, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:06
Concentration	0.012

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7

Brooklyn Navy Yard, Berth 10 Replacement, 2022-07-27

Created	2022-07-27 12:07:44 UTC by Jake Frishberg
Updated	2022-07-28 12:05:31 UTC by Jake Frishberg
Location	40.703233131245625, -73.97104181356167

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-27
Arrive On-Site	06:55
Depart Site	12:45

Conditions

Clear, Hot, 80, 2, N, 08:09

Weather	Clear, Hot
Temperature (F)	80
Wind Speed (MPH)	2
Wind Direction	N
Time	08:09

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:19
Description	Downwind

Upwind

Photo	 
Time	08:20

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:18, 0.3

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:18
Concentration	0.3

PM-10, Dusttrak Monitor, Upwind, 08:18, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:18
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 09:59, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:59
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 10:00, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:00
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:09, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:09
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 11:10, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:10
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 11:50, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:50
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 11:54, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:54
Concentration	0.016

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Berth 10 Replacement, 2022-07-28

Created	2022-07-28 12:06:25 UTC by Jake Frishberg
Updated	2022-07-28 17:38:17 UTC by Jake Frishberg
Location	40.703286376708675, -73.97107061355945

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-28
Arrive On-Site	07:00
Depart Site	13:45

Conditions

Overcast, Hot, 80, 2, S, 08:06

Weather	Overcast, Hot
Temperature (F)	80
Wind Speed (MPH)	2
Wind Direction	S
Time	08:06

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:15
Description	Downwind

Upwind

Photo	 
Time	08:15

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:13, 0.059

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:13
Concentration	0.059

PM-10, Dusttrak Monitor, Downwind, 08:14, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:14
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 09:40, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:40
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 09:41, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:41
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 10:45, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:45
Concentration	0.051

PM-10, Dusttrak Monitor, Upwind, 10:46, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:46
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 11:42, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:42
Concentration	0.036

PM-10, Dusttrak Monitor, Upwind, 11:43, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:43
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 12:40, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:40
Concentration	0.041

PM-10, Dusttrak Monitor, Upwind, 12:41, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:41
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 13:33, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:33
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 13:33, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:33
Concentration	0.04

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Berth 10 Replacement, 2022-07-29, Still at berth 10

Created	2022-07-29 11:16:43 UTC by Jake Frishberg
Updated	2022-07-29 19:36:46 UTC by Jake Frishberg
Location	,

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
Date	2022-07-29
Arrive On-Site	06:45
Depart Site	14:45

Conditions

Overcast, Warm, 75, 4, NE, 07:17

Weather	Overcast, Warm
Temperature (F)	75
Wind Speed (MPH)	4
Wind Direction	NE
Time	07:17

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:00, Monitors setup started

Time	07:00
Description	Monitors setup started

08:55, Drilling stopped due to high PID at 65’. Drilling done for the day at this site. Moving to another site to finish the day.

Time	08:55
Description	Drilling stopped due to high PID at 65’. Drilling done for the day at this site. Moving to another site to finish the day.

10:46, Moved to second location on berth 10

Time	10:46

Description	Moved to second location on berth 10

10:57, Wind shift from NW to NE

Time	10:57
Description	Wind shift from NW to NE

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind monitor FA01652 CAMP 044

Photo

Time	07:19
Description	Downwind monitor FA01652 CAMP 044

Upwind monitor FA02806 CAMP 043

Photo

Time	07:20
Description	Upwind monitor FA02806 CAMP 043

High pid reading at 65’ deep

Photo

Time	08:45
Description	High pid reading at 65’ deep

Downwind monitor at location 2 berth 10 FA02806

Photo

Time	10:46
Description	Downwind monitor at location 2 berth 10 FA02806

Upwind monitor at location 2 berth 10 FA01652

Photo

Time	10:53

Description	Upwind monitor at location 2 berth 10 FA01652

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:22, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:22
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 07:23, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:23
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 08:02, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:02
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 08:03, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:03
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 08:18, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:18
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 08:19, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:19
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 08:35, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:35
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 08:35, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:35
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 10:29, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:29
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 10:30, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:30
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 10:42, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:42
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 10:42, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:42
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 10:54, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	10:54
Concentration	0.044

PM-10, Dusttrak Monitor, Downwind, 10:54, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:54
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 11:30, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:30
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 11:31, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:31
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 12:00, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:00
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 12:01, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:01
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 12:26, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:26
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 12:27, 0.027

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	12:27
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 12:51, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:51
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 12:51, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:51
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 13:15, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:15
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 13:16, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:16
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 13:43, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:43
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 13:44, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:44
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 14:23, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:23
Concentration	0.048

PM-10, Dusttrak Monitor, Downwind, 14:23, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:23
Concentration	0.028

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Still at berth 10

Brooklyn Navy Yard, Berth 10 Replacement, 2022-06-15, Tomorrow at 7:30am

Created	2022-06-15 11:33:05 UTC by Engel Valdez
Updated	2022-06-15 18:16:13 UTC by Engel Valdez
Location	40.70253425055532, -73.97164529618681

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-15
Arrive On-Site	07:20
Depart Site	14:15

Conditions

Clear, Warm, 78, 9, WSW, 07:33

Weather	Clear, Warm
Temperature (F)	78
Wind Speed (MPH)	9
Wind Direction	WSW
Time	07:33

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:43, Contractors are done with all excavations in Berth 9 and are moving to Berth 10-11.

Time	07:43
Description	Contractors are done with all excavations in Berth 9 and are moving to Berth 10-11.

10:05, Contractors just finished relocating and started setting up to perform the excavation on the first hole

Time	10:05
Description	Contractors just finished relocating and started setting up to perform the excavation on the first hole

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	10:14

Description	Upwind

Downwind

Photo

Time	10:15
Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 10:14, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:14
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 10:15, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:15
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 10:58, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:58
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 10:58, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:58
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 11:45, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:45
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 11:45, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:45
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 12:28, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:28
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 12:29, 0.065

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:29
Concentration	0.065

PM-10, Dusttrak Monitor, Upwind, 13:14, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:14
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 13:15, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:15
Concentration	0.031

PM-10, Dusttrak Monitor, Upwind, 13:59, 0.054

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:59
Concentration	0.054

PM-10, Dusttrak Monitor, Downwind, 14:00, 0.095

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:00
Concentration	0.095

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 10 Replacement, 2022-06-16, Tomorrow at 7:30am

Created	2022-06-16 11:32:33 UTC by Engel Valdez
Updated	2022-06-16 20:12:56 UTC by Engel Valdez
Location	40.70365450765766, -73.9718097504266

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-16
Arrive On-Site	07:25
Depart Site	14:55

Conditions

Rain, Overcast, 67, 7, NNE, 07:33

Weather	Rain, Overcast
Temperature (F)	67
Wind Speed (MPH)	7
Wind Direction	NNE
Time	07:33

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:37, Contractors and I are on site, but are undecided if to work under the rain or not.

Time	07:37
Description	Contractors and I are on site, but are undecided if to work under the rain or not.

09:35, The rain has settled down and contractors decide to continue the job.

Time	09:35
Description	The rain has settled down and contractors decide to continue the job.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	09:33
Description	Upwind

Downwind

Photo

Time	09:33

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:54, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:54
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 09:54, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:54
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 10:40, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:40
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 10:41, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:41
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 11:27, 0.065

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:27
Concentration	0.065

PM-10, Dusttrak Monitor, Downwind, 11:27, 0.104

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:27
Concentration	0.104

PM-10, Dusttrak Monitor, Upwind, 12:11, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:11
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 12:11, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:11
Concentration	0.046

PM-10, Dusttrak Monitor, Upwind, 12:56, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:56
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 12:57, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:57
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 13:43, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:43
Concentration	0.051

PM-10, Dusttrak Monitor, Downwind, 13:43, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:43
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 14:25, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	14:25
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 14:26, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:26
Concentration	0.019

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.	
Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 10 Replacement, 2022-06-17, Monday at 7:30am

Created	2022-06-17 11:36:58 UTC by Engel Valdez
Updated	2022-06-17 18:08:20 UTC by Engel Valdez
Location	40.703675829944764, -73.9719059912724

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-17
Arrive On-Site	07:15
Depart Site	13:30

Conditions

Overcast, Warm, Windy, 72, 8, NNE, 07:37

Weather	Overcast, Warm, Windy
Temperature (F)	72
Wind Speed (MPH)	8
Wind Direction	NNE
Time	07:37

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:45
Description	Downwind

Upwind

Photo	 
Time	07:46

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:46, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:46
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 07:47, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:47
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 08:35, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:35
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 08:36, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:36
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 09:21, 0.052

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:21
Concentration	0.052

PM-10, Dusttrak Monitor, Downwind, 09:21, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:21
Concentration	0.048

PM-10, Dusttrak Monitor, Upwind, 10:08, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:08
Concentration	0.051

PM-10, Dusttrak Monitor, Downwind, 10:08, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:08
Concentration	0.051

PM-10, Dusttrak Monitor, Upwind, 10:41, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:41
Concentration	0.042

PM-10, Dusttrak Monitor, Downwind, 10:41, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:41
Concentration	0.041

PM-10, Dusttrak Monitor, Upwind, 11:26, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:26
Concentration	0.039

PM-10, Dusttrak Monitor, Downwind, 11:27, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:27
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 12:11, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:11
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 12:11, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:11
Concentration	0.037

PM-10, Dusttrak Monitor, Upwind, 12:56, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:56
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 12:57, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:57
Concentration	0.035

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Monday at 7:30am

Brooklyn Navy Yard, Berth 10 Replacement, 2022-06-20, Tomorrow at 7:30am

Created	2022-06-20 11:38:26 UTC by Engel Valdez
Updated	2022-06-20 17:46:58 UTC by Engel Valdez
Location	40.70373520724541, -73.97191319621538

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-20
Arrive On-Site	07:05
Depart Site	13:20

Conditions

Warm, Clear, 62, 9, ESE, 07:38

Weather	Warm, Clear
Temperature (F)	62
Wind Speed (MPH)	9
Wind Direction	ESE
Time	07:38

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

12:01, Contractors are having issues excavating more than 105 feet and are consulting the engineers to see what's the problem.

Time	12:01
Description	Contractors are having issues excavating more than 105 feet and are consulting the engineers to see what's the problem.

12:52, Contractors can't go further down so they will just be taking out the casings and calling it a day.

Time	12:52
Description	Contractors can't go further down so they will just be taking out the casings and calling it a day.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:05
Description	Downwind

Upwind

Photo

Time	08:06
Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:05, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:05
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 08:06, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:06
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 08:53, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:53

Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 08:53, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:53
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 09:38, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:38
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 09:39, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:39
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 10:24, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:24
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 10:24, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:24
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 11:15, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:15
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 11:15, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	11:15
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 11:55, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:55
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 11:55, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:55
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 12:41, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:41
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 12:41, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:41
Concentration	0.015

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-12, Tomorrow 7:30am, Contamination was encountered 42’ deep in hole B-8. No more further excavation in this boring due to safety hazards.

Created	2022-07-12 11:45:19 UTC by Engel Valdez
Updated	2022-07-12 18:49:20 UTC by Engel Valdez
Location	40.70393139519205, -73.97081264716206

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-07-12
Arrive On-Site	07:10
Depart Site	14:15

Conditions

Clear, Warm, 72, 11, ENE, 07:46

Weather	Clear, Warm
Temperature (F)	72
Wind Speed (MPH)	11
Wind Direction	ENE
Time	07:46

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	09:02
Description	Downwind

Upwind

Photo

Time	09:03

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:05, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:05
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 09:05, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:05
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 09:52, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:52
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 09:53, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:53
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 10:10, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:10
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 10:11, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:11
Concentration	0.031

PM-10, Dusttrak Monitor, Upwind, 10:50, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:50
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 10:50, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:50
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 11:35, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:35
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 11:35, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:35
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 12:20, 0.069

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:20
Concentration	0.069

PM-10, Dusttrak Monitor, Downwind, 12:20, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:20
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 13:06, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:06
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 13:07, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:07
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 13:57, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:57
Concentration	0.031

PM-10, Dusttrak Monitor, Upwind, 13:57, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:57
Concentration	0.023

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow 7:30am
Comments / Concerns	Contamination was encountered 42’ deep in hole B-8. No more further excavation in this boring due to safety hazards.

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-13

Created	2022-07-13 12:36:15 UTC by Jake Frishberg
Updated	2022-07-13 17:59:56 UTC by Jake Frishberg
Location	40.70374325387263, -73.97089085548555

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-13
Arrive On-Site	07:50
Depart Site	14:08

Conditions

Clear, Hot, 90, 7, WSW, 08:39

Weather	Clear, Hot
Temperature (F)	90
Wind Speed (MPH)	7
Wind Direction	WSW
Time	08:39

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:45
Description	Upwind

Downwind

Photo	 
Time	08:45

Description	Downwind

Contamination at 30-35’

Photo


AW 523M

Time	13:56
Description	Contamination at 30-35’

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:44, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:44
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 08:45, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:45
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 09:31, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:31

Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 09:32, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:32
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 10:24, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:24
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 10:25, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:25
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 11:13, 0.08

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:13
Concentration	0.08

PM-10, Dusttrak Monitor, Downwind, 11:14, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:14
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:49, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:49
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 11:49, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	11:49
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 12:37, 0.131

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:37
Concentration	0.131

PM-10, Dusttrak Monitor, Downwind, 12:38, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:38
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 13:16, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:16
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 13:18, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:18
Concentration	0.01

VOCs, MiniRAE 2000, Soil Excavation Area, 13:23, 45

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	13:23
Concentration	45

PM-10, Dusttrak Monitor, Downwind, 13:48, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:48
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 13:51, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:51
Concentration	0.018

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-14, Tomorrow at 7 on Berth 10

Created	2022-07-14 11:59:14 UTC by Jake Frishberg
Updated	2022-07-14 16:41:43 UTC by Jake Frishberg
Location	40.703719101448286, -73.97084691251295

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-14
Arrive On-Site	06:55
Depart Site	12:45

Conditions

Clear, Hot, 90, 7, WNW, 08:00

Weather	Clear, Hot
Temperature (F)	90
Wind Speed (MPH)	7
Wind Direction	WNW
Time	08:00

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:55
Description	Upwind

Downwind

Photo

Time	08:56

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:50, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:50
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 09:50, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:50
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 10:37, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:37
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 10:37, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:37
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 11:17, 0.057

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:17
Concentration	0.057

PM-10, Dusttrak Monitor, Downwind, 11:20, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:20
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 12:25, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:25
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 12:27, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:27
Concentration	0.017

VOCs, MiniRAE 2000, Soil Excavation Area, 12:41, 95

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	12:41
Concentration	95

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7 on Berth 10

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-15, 7am on Monday, The spikes coincide with trucks driving past in the dusty lot across the street

Created	2022-07-15 12:31:01 UTC by Jake Frishberg
Updated	2022-07-15 18:32:34 UTC by Jake Frishberg
Location	40.7036100654, -73.9707380534

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-15
Arrive On-Site	06:55
Depart Site	13:05

Conditions

Clear, Hot, Windy, 80, 7, WSW, 08:32

Weather	Clear, Hot, Windy
Temperature (F)	80
Wind Speed (MPH)	7
Wind Direction	WSW
Time	08:32

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

12:00, They moved & started on a new hole after encountering contamination

Time	12:00
Description	They moved & started on a new hole after encountering contamination

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	08:43
Description	Upwind

Downwind

Photo	 
Time	08:43

Description	Downwind

Downwind of second location

Photo

Time	12:24
Description	Downwind of second location

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 09:14, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:14
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 09:14, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:14
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 10:11, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:11
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 10:12, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:12
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 10:58, 0.355

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:58
Concentration	0.355

PM-10, Dusttrak Monitor, Downwind, 11:00, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:00
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 11:44, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:44
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 11:44, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:44
Concentration	0.011

VOCs, MiniRAE 2000, Soil Excavation Area, 11:46, 60

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	11:46
Concentration	60

PM-10, Dusttrak Monitor, Upwind, 12:44, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:44
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 12:47, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:47
Concentration	0.015

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7am on Monday
Comments / Concerns	The spikes coincide with trucks driving past in the dusty lot across the street

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-18, Tomorrow at 7

Created	2022-07-18 12:11:38 UTC by Jake Frishberg
Updated	2022-07-19 19:41:40 UTC by Jake Frishberg
Location	40.70339745845729, -73.97054124630426

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-18
Arrive On-Site	07:11
Depart Site	12:41

Conditions

Overcast, Hot, Humid, 80, 2, SE, 08:12

Weather	Overcast, Hot, Humid
Temperature (F)	80
Wind Speed (MPH)	2
Wind Direction	SE
Time	08:12

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

09:01, Experienced contamination, moving to the next hole

Time	09:01
Description	Experienced contamination, moving to the next hole

11:17, Moved over to Berth 10 but stopped due to lightning

Time	11:17
Description	Moved over to Berth 10 but stopped due to lightning

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	
	
Time	08:19
Description	Downwind

Upwind

Photo	 
Time	08:20

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 09:01, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:01
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 09:20, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:20
Concentration	0.033

PM-10, Dusttrak Monitor, Upwind, 09:45, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:45
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 09:45, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:45
Concentration	0.034

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7

Brooklyn Navy Yard, Berth 10 Replacement, 2022-07-19, Tomorrow at 7am

Created	2022-07-19 12:05:38 UTC by Jake Frishberg
Updated	2022-07-19 19:44:03 UTC by Jake Frishberg
Location	40.703594433181834, -73.97179299972392

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 10 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-19
Arrive On-Site	07:05
Depart Site	14:35

Conditions

Clear, Hot, 80, 4, W, 08:07

Weather	Clear, Hot
Temperature (F)	80
Wind Speed (MPH)	4
Wind Direction	W
Time	08:07

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

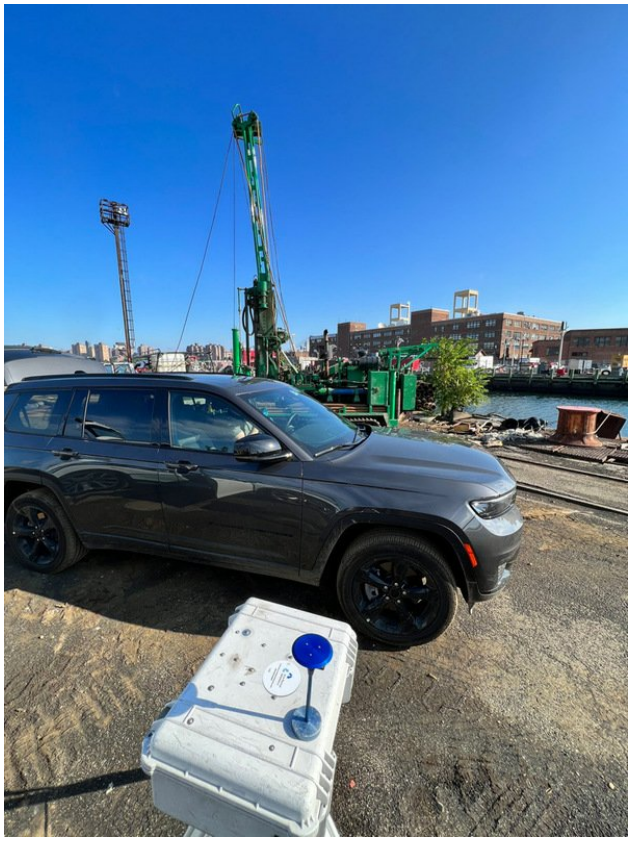
Downwind

Photo

Time	08:40
Description	Downwind

Upwind

Photo



Time	08:40

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:16, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:16
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 09:17, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:17
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 10:20, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:20
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 10:21, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:21
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 11:06, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:06
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 11:06, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:06
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 12:02, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:02
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 12:02, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:02
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 13:08, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:08
Concentration	0.031

PM-10, Dusttrak Monitor, Downwind, 13:09, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:09
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 14:01, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:01
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 14:01, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:01
Concentration	0.026

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-20, Tomorrow at 7

Created	2022-07-20 12:02:35 UTC by Jake Frishberg
Updated	2022-07-20 19:38:39 UTC by Jake Frishberg
Location	40.70360344372774, -73.97176056175863

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-20
Arrive On-Site	07:02
Depart Site	14:04

Conditions

Clear, Hot, 85, 2, WSW, 08:02

Weather	Clear, Hot
Temperature (F)	85
Wind Speed (MPH)	2
Wind Direction	WSW
Time	08:02

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:41
Description	Downwind

Upwind

Photo	 
Time	08:41

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:42, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:42
Concentration	0.051

PM-10, Dusttrak Monitor, Downwind, 08:42, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:42
Concentration	0.045

PM-10, Dusttrak Monitor, Upwind, 09:24, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:24
Concentration	0.047

PM-10, Dusttrak Monitor, Downwind, 09:24, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:24
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 10:38, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:38
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 10:39, 0.031

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:39
Concentration	0.031

PM-10, Dusttrak Monitor, Upwind, 12:37, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:37
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 12:37, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:37
Concentration	0.046

PM-10, Dusttrak Monitor, Upwind, 13:30, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:30
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 13:31, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:31
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 13:44, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:44
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 13:44, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:44
Concentration	0.034

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-06-07, 7:30am tomorrow

Created	2022-06-07 11:45:55 UTC by Jake Frishberg
Updated	2022-06-07 18:50:03 UTC by Jake Frishberg
Location	40.70025585720459, -73.97672053265694

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-06-07
Arrive On-Site	07:30
Depart Site	13:20

Conditions

Clear, Warm, 65, 4, SSW, 09:20

Weather	Clear, Warm
Temperature (F)	65
Wind Speed (MPH)	4
Wind Direction	SSW
Time	09:20

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	09:29
Description	Downwind

Upwind

Photo

Time	09:29

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 09:35, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:35
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 09:35, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:35
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 10:23, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:23
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 10:24, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:24
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 11:19, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:19
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 11:20, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:20
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 11:56, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:56
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 11:57, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:57
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 12:42, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:42
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 12:43, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:43
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 13:02, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:02
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:04, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:04
Concentration	0.013

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:30am tomorrow

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-18, Tomorrow at 7:00 am

Created	2022-07-18 11:24:35 UTC by Engel Valdez
Updated	2022-07-18 17:50:52 UTC by Engel Valdez
Location	40.69999947682088, -73.97647764540648

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-07-18
Arrive On-Site	07:05
Depart Site	13:20

Conditions

Overcast, Hot, Rain, 77, 6, NNE, 07:24

Weather	Overcast, Hot, Rain
Temperature (F)	77
Wind Speed (MPH)	6
Wind Direction	NNE
Time	07:24

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:35
Description	Upwind

Downwind

Photo

Time 07:36

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:37, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:37
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 07:38, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:38
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 08:25, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:25
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 08:26, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:26
Concentration	0.051

PM-10, Dusttrak Monitor, Upwind, 09:08, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:08
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 09:09, 0.052

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:09
Concentration	0.052

PM-10, Dusttrak Monitor, Upwind, 09:51, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:51
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 09:52, 0.05

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:52
Concentration	0.05

PM-10, Dusttrak Monitor, Upwind, 10:26, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:26
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 10:26, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:26
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 11:11, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:11
Concentration	0.039

PM-10, Dusttrak Monitor, Downwind, 11:11, 0.147

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:11
Concentration	0.147

PM-10, Dusttrak Monitor, Upwind, 11:47, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	11:47
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 11:47, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:47
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 12:32, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:32
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 12:32, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:32
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 13:01, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:01
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 13:02, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:02
Concentration	0.036

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:00 am

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-19, Tomorrow at 7:00am

Created	2022-07-19 11:06:14 UTC by Engel Valdez
Updated	2022-07-19 19:43:22 UTC by Jake Frishberg
Location	40.69993175104325, -73.9768770430926

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-07-19
Arrive On-Site	07:00
Depart Site	14:43

Conditions

Clear, Warm, 74, 8, ENE, 07:06

Weather	Clear, Warm
Temperature (F)	74
Wind Speed (MPH)	8
Wind Direction	ENE
Time	07:06

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:11
Description	Upwind

Downwind

Photo	 
Time	07:31

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:12, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:12
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 07:14, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:14
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 08:02, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:02
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 08:02, 0.091

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:02
Concentration	0.091

PM-10, Dusttrak Monitor, Downwind, 08:47, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:47
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 08:48, 0.061

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:48
Concentration	0.061

PM-10, Dusttrak Monitor, Downwind, 09:32, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:32
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 09:32, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:32
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 10:17, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:17
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 10:17, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:17
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 11:02, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:02
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 11:02, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:02
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 11:49, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	11:49
Concentration	0.046

PM-10, Dusttrak Monitor, Upwind, 11:49, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:49
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 12:48, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:48
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 12:48, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:48
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 13:30, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:30
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 13:30, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:30
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 14:10, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:10
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 14:12, 0.041

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	14:12
Concentration	0.041

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:00am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-21, Tomorrow at 7

Created	2022-07-21 11:54:48 UTC by Jake Frishberg
Updated	2022-07-21 18:29:37 UTC by Jake Frishberg
Location	40.70357909406176, -73.97180208936796

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-21
Arrive On-Site	06:54
Depart Site	12:40

Conditions

Hot, Clear, 85, 3, S, 07:55

Weather	Hot, Clear
Temperature (F)	85
Wind Speed (MPH)	3
Wind Direction	S
Time	07:55

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:04
Description	Downwind

Upwind

Photo

Time	08:04

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:38, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:38
Concentration	0.044

PM-10, Dusttrak Monitor, Downwind, 09:39, 0.095

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:39
Concentration	0.095

PM-10, Dusttrak Monitor, Upwind, 10:53, 0.049

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:53
Concentration	0.049

PM-10, Dusttrak Monitor, Downwind, 10:53, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:53
Concentration	0.045

PM-10, Dusttrak Monitor, Downwind, 11:39, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:39
Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 11:41, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:41
Concentration	0.039

PM-10, Dusttrak Monitor, Downwind, 12:17, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:17
Concentration	0.047

PM-10, Dusttrak Monitor, Upwind, 12:18, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:18
Concentration	0.046

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-22, Monday at 7am

Created	2022-07-22 12:19:33 UTC by Jake Frishberg
Updated	2022-07-22 16:02:44 UTC by Jake Frishberg
Location	40.70346069991654, -73.97166458896731

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-22
Arrive On-Site	06:55
Depart Site	12:10

Conditions

Clear, Hot, 80, 1, NNW, 08:19

Weather	Clear, Hot
Temperature (F)	80
Wind Speed (MPH)	1
Wind Direction	NNW
Time	08:19

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:44, Hit contamination within 7-10 feet, moving on to next hole

Time	08:44
Description	Hit contamination within 7-10 feet, moving on to next hole

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:43
Description	Upwind

Downwind

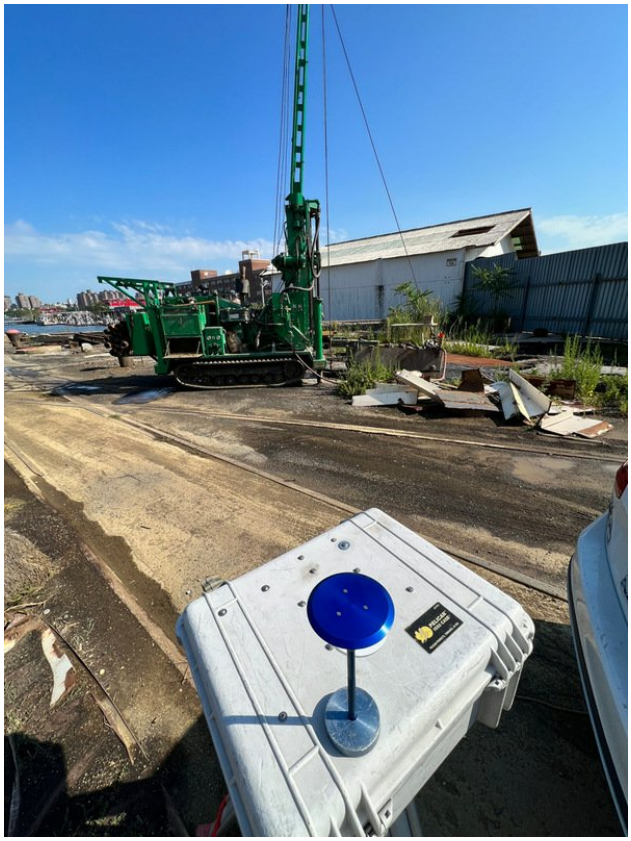
Photo	 
Time	08:44

Description	Downwind

Downwind Site #2

Photo	
Time	10:18
Description	Downwind Site #2

Upwind Site #2

Photo	
Time	10:18
Description	Upwind Site #2

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

VOCs, MiniRAE 2000, Soil Excavation Area, 08:45, 102.6

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	08:45
Concentration	102.6

PM-10, Dusttrak Monitor, Upwind, 09:08, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:08
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 09:08, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:08

Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 10:12, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:12
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 10:12, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:12
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 11:31, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:31
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 11:31, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:31
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 11:55, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:55
Concentration	0.045

PM-10, Dusttrak Monitor, Downwind, 11:55, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:55
Concentration	0.029

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Monday at 7am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-07-25, Tomorrow at 7

Created	2022-07-25 13:48:21 UTC by Jake Frishberg
Updated	2022-07-25 19:50:55 UTC by Jake Frishberg
Location	40.703472602219044, -73.97151145159637

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-25
Arrive On-Site	07:00
Depart Site	13:10

Conditions

Hot, Overcast, 90, 6, SW, 09:48

Weather	Hot, Overcast
Temperature (F)	90
Wind Speed (MPH)	6
Wind Direction	SW
Time	09:48

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

11:48, Moving piles of dirt to access another hole

Time	11:48
Description	Moving piles of dirt to access another hole

12:50, Thunderstorms nearby

Time	12:50
Description	Thunderstorms nearby

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo	 
Time	09:58
Description	Downwind

Upwind

Photo	 
Time	09:58

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:58, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:58
Concentration	0.047

PM-10, Dusttrak Monitor, Downwind, 09:58, 0.052

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:58
Concentration	0.052

PM-10, Dusttrak Monitor, Downwind, 11:18, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:18
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 11:18, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:18
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 12:10, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:10
Concentration	0.039

PM-10, Dusttrak Monitor, Upwind, 12:11, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:11
Concentration	0.051

VOCs, Dusttrak Monitor, Soil Excavation Area, 11:49, 2

Pollutant	VOCs
Device	Dusttrak Monitor
Location	Soil Excavation Area
Time	11:49
Concentration	2

PM-10, Dusttrak Monitor, Downwind, 12:51, 0.09

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:51
Concentration	0.09

PM-10, Dusttrak Monitor, Upwind, 12:52, 0.447

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:52
Concentration	0.447

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7

Brooklyn Navy Yard, Berth 11 Replacement, 2022-06-21, Tomorrow at 7:30am

Created	2022-06-21 12:15:54 UTC by Engel Valdez
Updated	2022-06-21 19:15:58 UTC by Engel Valdez
Location	40.70366114635263, -73.97184890757579

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-21
Arrive On-Site	07:20
Depart Site	14:00

Conditions

Clear, Warm, 70, 3, SSW, 08:16

Weather	Clear, Warm
Temperature (F)	70
Wind Speed (MPH)	3
Wind Direction	SSW
Time	08:16

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

09:42, Contractors just moved to Berth 11 where they will be starting excavation for the next hole. They are currently trying to find the location for the next hole.

Time	09:42
Description	Contractors just moved to Berth 11 where they will be starting excavation for the next hole. They are currently trying to find the location for the next hole.

Photos

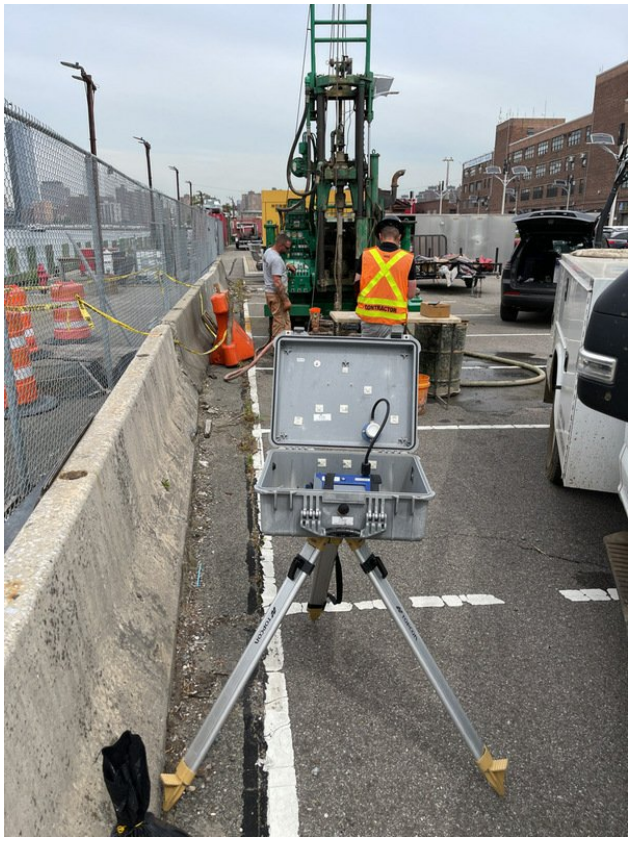
Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	10:34
Description	Upwind

Downwind

Photo



Time	10:35

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 10:35, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:35
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 10:35, 0.07

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:35
Concentration	0.07

PM-10, Dusttrak Monitor, Upwind, 11:00, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:00
Concentration	0.039

PM-10, Dusttrak Monitor, Downwind, 11:00, 0.056

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:00
Concentration	0.056

PM-10, Dusttrak Monitor, Upwind, 11:39, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:39
Concentration	0.042

PM-10, Dusttrak Monitor, Downwind, 11:39, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:39
Concentration	0.053

PM-10, Dusttrak Monitor, Upwind, 12:25, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:25
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 12:26, 0.076

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:26
Concentration	0.076

PM-10, Dusttrak Monitor, Upwind, 13:09, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:09
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 13:09, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:09
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 13:44, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:44
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 13:44, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:44
Concentration	0.04

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-06-22, Tomorrow 7:30am

Created	2022-06-22 11:34:24 UTC by Engel Valdez
Updated	2022-06-23 18:47:18 UTC by Engel Valdez
Location	40.703859923433505, -73.97091591788717

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-22
Arrive On-Site	07:20
Depart Site	12:50

Conditions

Cool, Overcast, 66, 10, NNW, 07:34

Weather	Cool, Overcast
Temperature (F)	66
Wind Speed (MPH)	10
Wind Direction	NNW
Time	07:34

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:44
Description	Downwind

Upwind

Photo

Time	07:45

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:54, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:54
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 07:55, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:55
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 08:40, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:40
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 08:40, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:40
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 09:26, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:26
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 09:26, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:26
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 10:10, 0.136

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:10
Concentration	0.136

PM-10, Dusttrak Monitor, Upwind, 10:11, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:11
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 10:58, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:58
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 10:58, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:58
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 11:42, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:42
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 11:43, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:43
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 12:24, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	12:24
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 12:25, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:25
Concentration	0.035

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow 7:30am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-06-23, Tomorrow at 7:30am

Created	2022-06-23 11:53:13 UTC by Engel Valdez
Updated	2022-06-23 18:46:06 UTC by Engel Valdez
Location	40.704260752574264, -73.97111364647185

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-23
Arrive On-Site	07:20
Depart Site	14:05

Conditions

Warm, Overcast, 65, 8, WNW, 07:53

Weather	Warm, Overcast
Temperature (F)	65
Wind Speed (MPH)	8
Wind Direction	WNW
Time	07:53

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

09:27, Contractors just relocated to the next hole where they will start excavation.

Time	09:27
Description	Contractors just relocated to the next hole where they will start excavation.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	09:25
Description	Downwind

Upwind

Photo	 
Time	09:26

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:51, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:51
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 09:52, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:52
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 10:41, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:41
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:41, 0.108

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:41
Concentration	0.108

PM-10, Dusttrak Monitor, Upwind, 11:26, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:26
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 11:28, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:28
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 12:12, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:12
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 12:12, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:12
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 12:56, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:56
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 12:56, 0.049

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:56
Concentration	0.049

PM-10, Dusttrak Monitor, Upwind, 13:39, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:39
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 13:39, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:39
Concentration	0.053

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-06-24, Monday at 7:30am

Created	2022-06-24 11:46:39 UTC by Engel Valdez
Updated	2022-06-24 17:02:48 UTC by Engel Valdez
Location	40.704234936312496, -73.97114507860874

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-24
Arrive On-Site	07:20
Depart Site	12:35

Conditions

Clear, Warm, 66, 4, E, 07:47

Weather	Clear, Warm
Temperature (F)	66
Wind Speed (MPH)	4
Wind Direction	E
Time	07:47

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:52
Description	Downwind

Upwind

Photo

Time	07:53

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:53, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:53
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 07:54, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:54
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 08:45, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:45
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 08:48, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:48
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 09:32, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:32
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 09:32, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:32
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 10:19, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:19
Concentration	0.034

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 11:04, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:04
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 11:04, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:04
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 11:49, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:49
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 11:49, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:49
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 12:15, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	12:15
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 12:16, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:16
Concentration	0.017

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.	
Upcoming Work Schedule	Monday at 7:30am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-06-27, Tomorrow at 7:30am

Created	2022-06-27 11:43:48 UTC by Engel Valdez
Updated	2022-06-27 14:29:48 UTC by Engel Valdez
Location	40.70423528265138, -73.97113187702193

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-27
Arrive On-Site	07:20
Depart Site	09:45

Conditions

Overcast, Warm, 74, 11, NNE, 07:44

Weather	Overcast, Warm
Temperature (F)	74
Wind Speed (MPH)	11
Wind Direction	NNE
Time	07:44

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:04, Contractors are on standby due to lightning warnings.

Time	08:04
Description	Contractors are on standby due to lightning warnings.

10:29, Job has been cancel for today due to water pump malfunction on the rig.

Time	10:29
Description	Job has been cancel for today due to water pump malfunction on the rig.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo	 
Time	08:27
Description	Upwind

Downwind

Photo

Time	08:28

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:28, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:28
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 08:29, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:29
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 09:12, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:12
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 09:13, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:13
Concentration	0.014

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am

Brooklyn Navy Yard, Berth 11 Replacement, 2022-06-30, Tomorrow at 7:30am, Contractors encountered a large amount of petroleum waste and had to stop due to safety hazard.

Created	2022-06-30 13:31:57 UTC by Engel Valdez
Updated	2022-06-30 22:29:46 UTC by Engel Valdez
Location	40.704020862505494, -73.97122839472627

Basic Information

Client	Brooklyn Navy Yard
Project Name	Berth 11 Replacement
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-06-30
Arrive On-Site	09:20
Depart Site	17:20

Conditions

Clear, Warm, 78, 5, SSE, 09:35

Weather	Clear, Warm
Temperature (F)	78
Wind Speed (MPH)	5
Wind Direction	SSE
Time	09:35

Check List

Were there any work stoppages?	Yes
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

13:21, Contractors decided to stay working overtime to make up for missing days of work. They will start drilling on a new location after they come back from lunch.

Time	13:21
Description	Contractors decided to stay working overtime to make up for missing days of work. They will start drilling on a new location after they come back from lunch.

17:11, Contractors encountered a large amount of oil waste which made the drilling poles very slippery, sliding through the hooks creating a safety hazard, as well as a fire hazard due to the metal to metal contact.

Time	17:11

Description	Contractors encountered a large amount of oil waste which made the drilling poles very slippery, sliding through the hooks creating a safety hazard, as well as a fire hazard due to the metal to metal contact.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	09:32
Description	Downwind

Upwind

Photo

Time	09:33
Description	Upwind

Downwind (Second location)

Photo	 
Time	13:32

Description	Downwind (Second location)

Upwind (Second location)

Photo

Time	13:34
Description	Upwind (Second location)

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 09:32, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:32
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 09:33, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:33
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 10:29, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:29
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 10:29, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:29
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 11:08, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:08
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 11:09, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:09
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 11:54, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:54
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 11:55, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:55
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 13:32, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:32
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 13:34, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:34
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 14:19, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:19
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 14:20, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:20
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 14:59, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	14:59
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 14:59, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:59
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 15:40, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:40
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 15:41, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:41
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 16:29, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	16:29
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 16:29, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	16:29
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 17:00, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	17:00
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 17:00, 0.015

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	17:00
Concentration	0.015

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:30am
Comments / Concerns	Contractors encountered a large amount of petroleum waste and had to stop due to safety hazard.

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-06, Contractors can't move forward with the excavation due to a tree being on the way. Job has being stopped until further notice.

Created	2022-07-06 11:02:12 UTC by Engel Valdez
Updated	2022-07-06 19:11:11 UTC by Engel Valdez
Location	40.699989057633275, -73.97640193051478

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-07-06
Arrive On-Site	06:50
Depart Site	14:45

Conditions

Clear, Warm, 76, 8, ENE, 07:02

Weather	Clear, Warm
Temperature (F)	76
Wind Speed (MPH)	8
Wind Direction	ENE
Time	07:02

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:13
Description	Upwind

Downwind

Photo

Time	07:13

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:30, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:30
Concentration	0.041

PM-10, Dusttrak Monitor, Upwind, 08:34, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:34
Concentration	0.043

PM-10, Dusttrak Monitor, Downwind, 09:16, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:16
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 09:17, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:17
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 09:57, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:57
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 09:57, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:57
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 10:42, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:42
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 10:42, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:42
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 11:28, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:28
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 11:28, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:28
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 12:13, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:13
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 12:14, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:14
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 13:04, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:04
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 13:05, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:05
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:43, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:43
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 13:44, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:44
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 14:19, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:19
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 14:20, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:20
Concentration	0.013

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Comments / Concerns	Contractors can't move forward with the excavation due to a tree being on the way. Job has being stopped until further notice.

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-08

Created	2022-07-08 11:13:43 UTC by Jake Frishberg
Updated	2022-07-08 19:41:23 UTC by Jake Frishberg
Location	40.700030028858116, -73.97646171979046

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-07-08
Arrive On-Site	07:00
Depart Site	14:05

Conditions

Warm, 72, 1, SSE, 07:14

Weather	Warm
Temperature (F)	72
Wind Speed (MPH)	1
Wind Direction	SSE
Time	07:14

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	Yes
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

13:10, Downwind monitor died

Time	13:10
Description	Downwind monitor died

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	12:21
Description	Upwind

Downwind

Photo	 
Time	12:22

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:20, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:20
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 07:32, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:32
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 08:38, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:38
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 08:39, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:39
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 09:36, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:36
Concentration	0.037

PM-10, Dusttrak Monitor, Upwind, 09:37, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:37
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 10:27, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:27
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 10:28, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:28
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 11:32, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:32
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 11:33, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:33
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 12:22, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:22
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 12:23, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:23
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 13:08, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:08
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 13:39, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:39
Concentration	0.023

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-20, Tomorrow at 7:00am

Created	2022-07-20 11:07:53 UTC by Engel Valdez
Updated	2022-07-20 19:40:58 UTC by Jake Frishberg
Location	40.70012671411102, -73.97664427764153

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-07-20
Arrive On-Site	07:00
Depart Site	14:20

Conditions

Clear, Hot, 79, 5, ENE, 07:08

Weather	Clear, Hot
Temperature (F)	79
Wind Speed (MPH)	5
Wind Direction	ENE
Time	07:08

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:17
Description	Downwind

Upwind

Photo	 
Time	07:21

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:18, 0.065

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:18
Concentration	0.065

PM-10, Dusttrak Monitor, Upwind, 07:21, 0.061

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:21
Concentration	0.061

PM-10, Dusttrak Monitor, Downwind, 08:08, 0.054

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:08
Concentration	0.054

PM-10, Dusttrak Monitor, Upwind, 08:08, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:08
Concentration	0.051

PM-10, Dusttrak Monitor, Downwind, 08:49, 0.05

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:49
Concentration	0.05

PM-10, Dusttrak Monitor, Upwind, 08:50, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:50
Concentration	0.047

PM-10, Dusttrak Monitor, Downwind, 09:35, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:35
Concentration	0.051

PM-10, Dusttrak Monitor, Upwind, 09:35, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:35
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 10:17, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:17
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 10:18, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:18
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 11:02, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:02
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 11:03, 0.057

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:03
Concentration	0.057

PM-10, Dusttrak Monitor, Downwind, 11:18, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	11:18
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 11:18, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:18
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 12:13, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:13
Concentration	0.041

PM-10, Dusttrak Monitor, Upwind, 12:14, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:14
Concentration	0.032

PM-10, Dusttrak Monitor, Downwind, 12:55, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:55
Concentration	0.053

PM-10, Dusttrak Monitor, Upwind, 12:56, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:56
Concentration	0.041

PM-10, Dusttrak Monitor, Downwind, 13:37, 0.075

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:37
Concentration	0.075

PM-10, Dusttrak Monitor, Upwind, 13:37, 0.049

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	13:37
Concentration	0.049

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7:00am

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-27

Created	2022-07-27 11:09:25 UTC by Jake Frishberg
Updated	2022-07-28 19:45:54 UTC by Jake Frishberg
Location	40.70326734099793, -73.97100684931414

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
Date	2022-07-27
Arrive On-Site	06:45
Depart Site	14:40

Conditions

Clear, 75, 4, SW, 08:11

Weather	Clear
Temperature (F)	75
Wind Speed (MPH)	4
Wind Direction	SW
Time	08:11

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:10, Started monitoring

Time	07:10
Description	Started monitoring

08:13, Downwind monitor stopped record. Restart was performed and recording resumed.

Time	08:13
Description	Downwind monitor stopped record. Restart was performed and recording resumed.

08:20, Waiting on equipment operator to arrive for work to begin

Time	08:20
Description	Waiting on equipment operator to arrive for work to begin

09:28, Backfill started

Time	09:28
Description	Backfill started

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind air monitor

Photo

Time	07:11
Description	Downwind air monitor

Upwind air monitor

Photo	 
Time	07:15
Description	Upwind air monitor

Plastic over open dirt

Photo	 
Time	14:42
Description	Plastic over open dirt

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:11, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:11
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 07:16, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:16
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 07:26, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:26
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 07:37, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:37
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 07:41, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:41
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 08:12, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:12
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 08:13, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:13
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 09:30, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:30

Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 09:31, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:31
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 09:46, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:46
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 09:47, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:47
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 09:57, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:57
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 09:59, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:59
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 10:24, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:24
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 10:25, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	10:25
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 10:52, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:52
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 10:53, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:53
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 11:02, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:02
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 11:03, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:03
Concentration	0.041

PM-10, Dusttrak Monitor, Upwind, 11:27, 0.6

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:27
Concentration	0.6

PM-10, Dusttrak Monitor, Downwind, 11:29, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:29
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 12:43, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:43
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 12:44, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:44
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 13:42, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:42
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:43, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:43
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 14:18, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:18
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 14:19, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:19
Concentration	0.026

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-28

Created	2022-07-28 12:46:04 UTC by Ron Tramposch
Updated	2022-07-28 19:46:08 UTC by Jake Frishberg
Location	40.700179899999995, -73.97654989999998

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Jacob Thomann
CORE Project Manager	Ron Tramposch
Date	2022-07-28
Arrive On-Site	08:00
Depart Site	11:43

Conditions

Clear, 76, 5, N, 08:48

Weather	Clear
Temperature (F)	76
Wind Speed (MPH)	5
Wind Direction	N
Time	08:48

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

08:49, Contractor is compacting soil at trench.

Time	08:49
Description	Contractor is compacting soil at trench.

10:48, Contractor is compacting soil at trench.

Time	10:48
Description	Contractor is compacting soil at trench.

11:37, Contractor covering soil with poly.

Time	11:37
Description	Contractor covering soil with poly.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

One worker is compacting soil.

Photo	
Time	08:51
Description	One worker is compacting soil.

downwind

Photo	

Time	11:39
Description	downwind

poly

Photo	
Time	11:40
Description	poly

soil covered

Photo	
Time	11:42
Description	soil covered

upwind

Photo	
Time	11:42
Description	upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 127 Manhole Excavation, 2022-06-08, 7:30 on Friday

Created	2022-06-08 11:14:45 UTC by Jake Frishberg
Updated	2022-06-09 11:32:12 UTC by Jake Frishberg
Location	40.700338158904415, -73.97680212646182

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole Excavation
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-06-08
Arrive On-Site	07:10
Depart Site	15:25

Conditions

Clear, Warm, 70, 8, WSW, 07:15

Weather	Clear, Warm
Temperature (F)	70
Wind Speed (MPH)	8
Wind Direction	WSW
Time	07:15

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

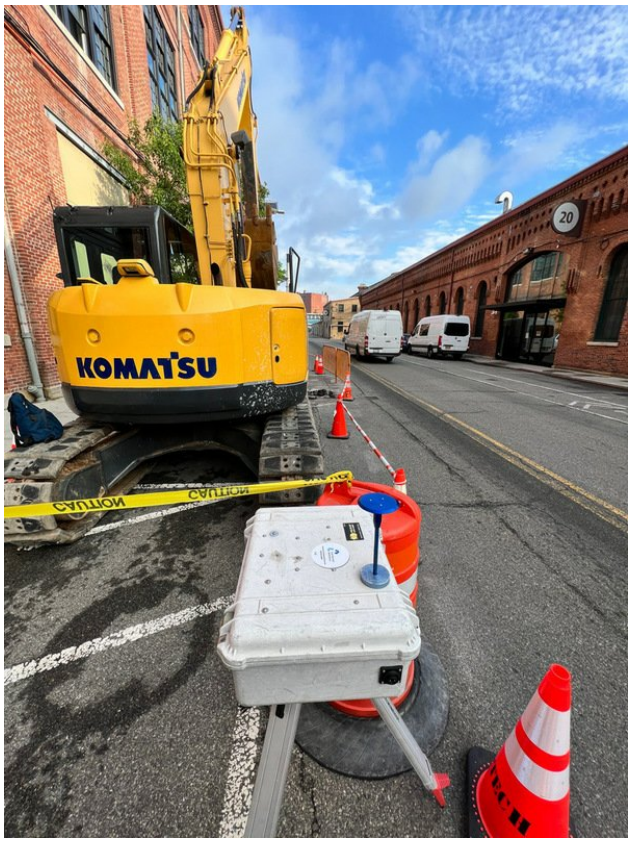
Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo



Time	07:30
Description	Upwind

Downwind

Photo

Time	07:31

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:28, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:28
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 08:28, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:28
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 09:29, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:29
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 09:29, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:29
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 10:10, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:10
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 10:32, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:32
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 11:11, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:11
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 11:11, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:11
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 12:16, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:16
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 12:16, 0.228

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:16
Concentration	0.228

PM-10, Dusttrak Monitor, Downwind, 13:13, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:13
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 13:13, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:13
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 14:02, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	14:02
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 14:03, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:03
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 14:50, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:50
Concentration	0.046

PM-10, Dusttrak Monitor, Downwind, 14:51, 0.061

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:51
Concentration	0.061

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:30 on Friday

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-06-10, Unknown pipes in the way, project May be delayed until further permissions are granted

Created	2022-06-10 11:06:24 UTC by Jake Frishberg
Updated	2022-06-10 16:00:01 UTC by Jake Frishberg
Location	40.699852919243924, -73.97645107477342

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-06-10
Arrive On-Site	07:00
Depart Site	12:00

Conditions

Clear, Warm, 60, 3, W, 07:07

Weather	Clear, Warm
Temperature (F)	60
Wind Speed (MPH)	3
Wind Direction	W
Time	07:07

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

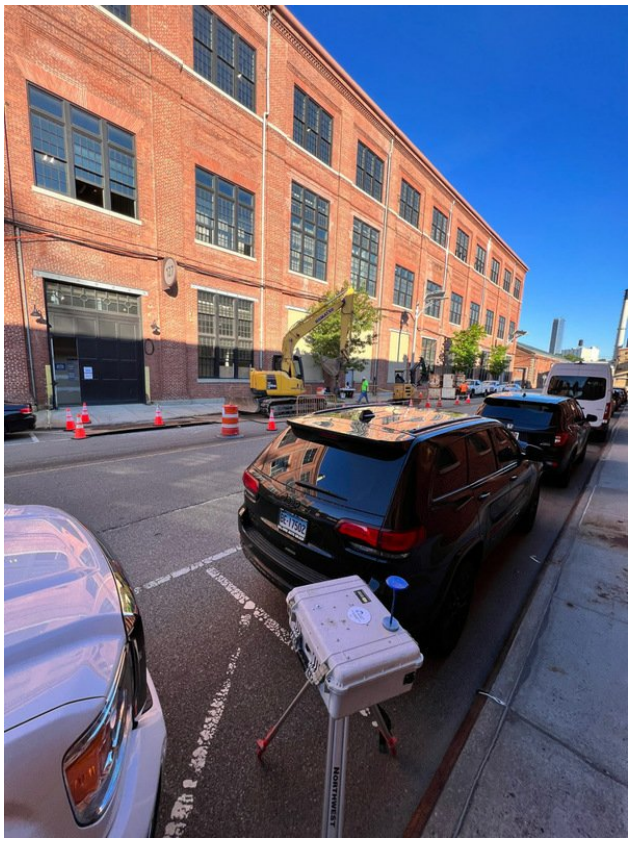
Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo



Time	07:16
Description	Upwind

Downwind

Photo	 
Time	07:16

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:07, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:07
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 08:10, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:10
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 09:09, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:09
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 09:10, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:10
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 10:02, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:02
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 10:05, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:05
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 10:40, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:40
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 10:41, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:41
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:13, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:13
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 11:14, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:14
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:34, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:34
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:35, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:35
Concentration	0.002

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Comments / Concerns	Unknown pipes in the way, project May be delayed until further permissions are granted

Brooklyn Navy Yard, Building 127 Manhole and Duct Bank Installation, 2022-07-21, The rebar job has not been approved, therefore the job has been stopped until further notice.

Created	2022-07-21 10:57:41 UTC by Engel Valdez
Updated	2022-07-21 16:54:58 UTC by Engel Valdez
Location	40.70015565791691, -73.9766517850929

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 127 Manhole and Duct Bank Installation
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
Date	2022-07-21
Arrive On-Site	06:55
Depart Site	12:45

Conditions

Clear, Hot, 80, 5, NNE, 06:58

Weather	Clear, Hot
Temperature (F)	80
Wind Speed (MPH)	5
Wind Direction	NNE
Time	06:58

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:18
Description	Upwind

Downwind

Photo

Time 07:19

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:19, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:19
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 07:20, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:20
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 08:05, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:05
Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 08:06, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:06
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 08:50, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:50
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 08:50, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:50
Concentration	0.041

PM-10, Dusttrak Monitor, Downwind, 09:35, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:35
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 09:35, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:35
Concentration	0.041

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.042

PM-10, Dusttrak Monitor, Upwind, 10:21, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:21
Concentration	0.042

PM-10, Dusttrak Monitor, Downwind, 11:05, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:05
Concentration	0.045

PM-10, Dusttrak Monitor, Upwind, 11:06, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:06
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 11:50, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	11:50
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 11:51, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:51
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 12:19, 0.036

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:19
Concentration	0.036

PM-10, Dusttrak Monitor, Downwind, 12:20, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:20
Concentration	0.045

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Comments / Concerns	The rebar job has not been approved, therefore the job has been stopped until further notice.

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-11, 08/12/22 at 7am

Created	2022-08-11 11:16:34 UTC by Jake Frishberg
Updated	2022-08-15 14:27:27 UTC by Jake Frishberg
Location	40.699483486861816, -73.97221259779667

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
General Contractor	City and county paving
Date	2022-08-11
Arrive On-Site	06:45
Depart Site	15:45

Conditions

Overcast, Rain, 77, 3, E, 07:00

Weather	Overcast, Rain
Temperature (F)	77
Wind Speed (MPH)	3
Wind Direction	E
Time	07:00

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:05, Arrived onsite. Contractors not here yet. Waiting for contractors to arrive.

Time	07:05
Description	Arrived onsite. Contractors not here yet. Waiting for contractors to arrive.

07:27, Contractor arrived onsite

Time	07:27
Description	Contractor arrived onsite

08:17, Upwind monitor malfunctioning. Not operable

Time	08:17

Description	Upwind monitor malfunctioning. Not operable

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind monitor fa01652

Photo	
Time	08:07
Description	Downwind monitor fa01652

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:07, 0.051

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:07
Concentration	0.051

PM-10, Dusttrak Monitor, Downwind, 08:20, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:20
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 08:54, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	08:54
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 09:19, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:19
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 09:33, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:33
Concentration	0.028

PM-10, Dusttrak Monitor, Downwind, 09:55, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:55
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 10:19, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:19
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 10:48, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:48
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 11:29, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:29
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 12:06, 0.013

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	12:06
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 12:44, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:44
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 13:33, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:33
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 14:37, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:37
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 15:19, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:19
Concentration	0.006

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	08/12/22 at 7am

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-12, Monday at 7am

Created	2022-08-12 10:58:16 UTC by Jake Frishberg
Updated	2022-08-12 18:13:52 UTC by Jake Frishberg
Location	40.69945747793538, -73.97219684444607

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	City and County paving
Date	2022-08-12
Arrive On-Site	06:55
Depart Site	13:15

Conditions

Clear, Warm, Windy, 80, 5, N, 07:01

Weather	Clear, Warm, Windy
Temperature (F)	80
Wind Speed (MPH)	5
Wind Direction	N
Time	07:01

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:31
Description	Upwind

Downwind

Photo	 
Time	07:32

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:01, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:01
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 08:02, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:02
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 08:54, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:54
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 08:56, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:56
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 09:40, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:40
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 09:42, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:42
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 10:40, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:40
Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 10:41, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:41
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 11:17, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:17
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:22, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:22
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 12:07, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:07
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 12:09, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:09
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 12:59, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	12:59
Concentration	0.003

PM-10, Dusttrak Monitor, Upwind, 13:01, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:01
Concentration	0.006

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Monday at 7am

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-15, Tomorrow at 7am

Created	2022-08-15 11:11:08 UTC by Jake Frishberg
Updated	2022-08-15 21:33:51 UTC by Jake Frishberg
Location	40.69947569169169, -73.97241879261469

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corp
Date	2022-08-15
Arrive On-Site	06:55
Depart Site	16:21

Conditions

Clear, Warm, 75, 1, NW, 07:15

Weather	Clear, Warm
Temperature (F)	75
Wind Speed (MPH)	1
Wind Direction	NW
Time	07:15

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:33
Description	Upwind

Downwind

Photo	 
Time	08:33

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:30, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:30
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 08:32, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:32
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 09:28, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:28
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 09:29, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:29
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 10:45, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:45
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 10:47, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:47
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 11:17, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:17
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 11:18, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:18
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 12:15, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:15
Concentration	0.037

VOCs, MiniRAE 2000, Soil Excavation Area, 12:16, 0

Pollutant	VOCs
Device	MiniRAE 2000
Location	Soil Excavation Area
Time	12:16
Concentration	0

PM-10, Dusttrak Monitor, Upwind, 12:16, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:16
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 13:01, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:01
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 13:03, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:03
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 13:54, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:54
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 13:55, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:55
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 15:03, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:03
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 15:04, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:04
Concentration	0.003

PM-10, Dusttrak Monitor, Upwind, 15:42, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:42
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 15:43, 0.001

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:43
Concentration	0.001

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-16, Tomorrow at 7am

Created	2022-08-16 11:20:43 UTC by Jake Frishberg
Updated	2022-08-16 19:48:41 UTC by Jake Frishberg
Location	40.69949748464011, -73.972107740188

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-08-16
Arrive On-Site	07:00
Depart Site	14:45

Conditions

Clear, Warm, 70, 2, NE, 07:21

Weather	Clear, Warm
Temperature (F)	70
Wind Speed (MPH)	2
Wind Direction	NE
Time	07:21

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	15:47
Description	Upwind

Downwind

Photo	 
Time	07:48

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:18, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:18
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 08:19, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:19
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 09:33, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:33
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 09:33, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:33
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 10:23, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:23
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 10:23, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:23
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 11:12, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:12
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:13, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:13
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 12:03, 0.073

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:03
Concentration	0.073

PM-10, Dusttrak Monitor, Upwind, 12:04, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:04
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 12:55, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:55
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 12:56, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:56
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 13:43, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:43
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 13:43, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:43
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 14:19, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:19
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 14:19, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:19
Concentration	0.007

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7am

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-25, 7:00am

Created	2022-08-25 11:17:29 UTC by Jake Frishberg
Updated	2022-08-25 19:42:08 UTC by Engel Valdez
Location	40.699449121058635, -73.97190238356029

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-08-25
Arrive On-Site	06:55
Depart Site	15:05

Conditions

Clear, Warm, 76, 2, SSE, 08:29

Weather	Clear, Warm
Temperature (F)	76
Wind Speed (MPH)	2
Wind Direction	SSE
Time	08:29

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	08:29
Description	Downwind

Upwind

Photo

Time	08:31

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:30, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:30
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 08:31, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:31
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 08:55, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:55
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 08:56, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:56
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 09:36, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:36
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 09:36, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:36
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 10:20, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:20
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 10:58, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:58
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 10:58, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:58
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 11:19, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:19
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 11:20, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:20
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 12:12, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	12:12
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 12:12, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:12
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 12:54, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:54
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 12:54, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:54
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 13:35, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:35
Concentration	0.025

PM-10, Dusttrak Monitor, Upwind, 13:35, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:35
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 14:15, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:15
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 14:15, 0.019

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	14:15
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 14:44, 0.034

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:44
Concentration	0.034

PM-10, Dusttrak Monitor, Upwind, 14:44, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:44
Concentration	0.021

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	7:00am

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-26, Monday at 7

Created	2022-08-26 11:45:30 UTC by Jake Frishberg
Updated	2022-08-26 20:03:18 UTC by Jake Frishberg
Location	40.699409977571, -73.97197413265144

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-08-26
Arrive On-Site	06:45
Depart Site	14:15

Conditions

Clear, Warm, 80, 1, SW, 07:46

Weather	Clear, Warm
Temperature (F)	80
Wind Speed (MPH)	1
Wind Direction	SW
Time	07:46

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:39
Description	Downwind

Upwind

Photo

Time	08:39

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:44, 0.09

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:44
Concentration	0.09

PM-10, Dusttrak Monitor, Downwind, 08:46, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:46
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 09:46, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:46
Concentration	0.044

PM-10, Dusttrak Monitor, Downwind, 09:47, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:47
Concentration	0.035

PM-10, Dusttrak Monitor, Upwind, 10:18, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:18
Concentration	0.048

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.037

PM-10, Dusttrak Monitor, Upwind, 11:06, 0.042

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:06
Concentration	0.042

PM-10, Dusttrak Monitor, Downwind, 11:07, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:07
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 12:45, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:45
Concentration	0.03

PM-10, Dusttrak Monitor, Upwind, 12:47, 0.043

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:47
Concentration	0.043

PM-10, Dusttrak Monitor, Upwind, 13:40, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:40
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 13:40, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:40
Concentration	0.033

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Monday at 7

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-29, Tomorrow at 7

Created	2022-08-29 11:01:05 UTC by Jake Frishberg
Updated	2022-08-29 20:28:22 UTC by Jake Frishberg
Location	40.69940574470972, -73.97185443907415

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-08-29
Arrive On-Site	07:00
Depart Site	15:15

Conditions

Clear, Warm, 80, 1, SSE, 07:01

Weather	Clear, Warm
Temperature (F)	80
Wind Speed (MPH)	1
Wind Direction	SSE
Time	07:01

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:32
Description	Upwind

Downwind

Photo	
	
Time	08:32

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:34, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:34
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 08:34, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:34
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 09:23, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:23
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 09:23, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:23
Concentration	0.029

PM-10, Dusttrak Monitor, Downwind, 10:03, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:03
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 10:04, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:04
Concentration	0.022

PM-10, Dusttrak Monitor, Downwind, 10:49, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:49
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 10:49, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:49
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 11:42, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:42
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 11:43, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:43
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 12:50, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:50
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 12:51, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:51
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 13:52, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:52
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 13:52, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:52
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 14:43, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:43
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 14:47, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:47
Concentration	0.022

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow at 7

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-30, Tomorrow, 7AM

Created	2022-08-30 13:00:44 UTC by Eric Chen
Updated	2022-08-30 19:12:33 UTC by Eric Chen
Location	40.6994664, -73.9719963

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-08-30
Arrive On-Site	07:00
Depart Site	15:15

Conditions

Clear, Windy, 80, 4, SSW, 09:01

Weather	Clear, Windy
Temperature (F)	80
Wind Speed (MPH)	4
Wind Direction	SSW
Time	09:01

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

upwind

Photo

Time	09:14
Description	upwind

downwind

Photo

Time	09:19

Description	downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 09:58, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:58
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 09:59, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:59
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 10:31, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:31
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 10:33, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:33
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 10:57, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:57
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 10:58, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:58
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 11:32, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:32
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 11:33, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:33
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 11:58, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:58
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 11:59, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:59
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 12:32, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:32
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 12:33, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:33
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 13:01, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:01
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 13:02, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:02
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 13:30, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:30
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 13:31, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:31
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 14:02, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:02
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 14:04, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:04
Concentration	0.003

PM-10, Dusttrak Monitor, Upwind, 14:34, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:34
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 14:35, 0.004

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	14:35
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 15:00, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:00
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 15:01, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:01
Concentration	0.002

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow, 7AM

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-08-31, Tomorrow, 7AM

Created	2022-08-31 11:19:50 UTC by Eric Chen
Updated	2022-09-01 11:11:29 UTC by Jake Frishberg
Location	40.699457847702305, -73.97186228587337

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-08-31
Arrive On-Site	07:00
Depart Site	15:15

Conditions

Clear, 75, 9, E, 07:20

Weather	Clear
Temperature (F)	75
Wind Speed (MPH)	9
Wind Direction	E
Time	07:20

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	07:24
Description	Upwind

Downwind

Photo

Time 07:27

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:55, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:55
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 08:01, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:01
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 08:27, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:27
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 08:29, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:29
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 09:05, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:05
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 09:07, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:07
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 09:47, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:47
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 09:49, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:49
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 10:22, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:22
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 10:59, 0.044

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:59
Concentration	0.044

PM-10, Dusttrak Monitor, Upwind, 11:03, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:03
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 11:39, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	11:39
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 11:41, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:41
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 12:26, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:26
Concentration	0.019

PM-10, Dusttrak Monitor, Upwind, 12:28, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:28
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 13:03, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:03
Concentration	0.038

PM-10, Dusttrak Monitor, Upwind, 13:05, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:05
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 13:40, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:40
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 13:42, 0.013

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	13:42
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 14:14, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:14
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 14:16, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:16
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 14:48, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:48
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 14:50, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:50
Concentration	0.009

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow, 7AM

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-01, Tomorrow at 7am

Created	2022-09-01 11:11:33 UTC by Jake Frishberg
Updated	2022-09-02 12:21:03 UTC by Jake Frishberg
Location	40.69944490001733, -73.97185572576886

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-01
Arrive On-Site	07:00
Depart Site	15:48

Conditions

Clear, Warm, 75, 3, W, 07:11

Weather	Clear, Warm
Temperature (F)	75
Wind Speed (MPH)	3
Wind Direction	W
Time	07:11

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:49
Description	Downwind

Upwind

Photo	
	
Time	07:49

Description	Upwind

Site photo

Photo	
Time	15:40
Description	Site photo

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:42, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:42
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 07:43, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:43
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 08:36, 0.027

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Upwind
Time	08:36
Concentration	0.027

PM-10, Dusttrak Monitor, Downwind, 08:37, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:37
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 09:49, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:49
Concentration	0.021

PM-10, Dusttrak Monitor, Downwind, 09:51, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:51
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 10:41, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:41
Concentration	0.02

PM-10, Dusttrak Monitor, Downwind, 10:42, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:42
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 11:25, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:25
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 11:26, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:26
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 11:58, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:58
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 12:00, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:00
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 12:45, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:45
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 12:46, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:46
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:32, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:32
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 13:32, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	13:32
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 14:04, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:04
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 14:05, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:05
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 14:41, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:41
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 14:42, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:42
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 15:29, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:29
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 15:31, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:31
Concentration	0.007

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-02, Tuesday, 7AM

Created	2022-09-02 11:11:31 UTC by Eric Chen
Updated	2022-09-06 11:40:42 UTC by Eric Chen
Location	40.6994738, -73.9726306

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-02
Arrive On-Site	07:00
Depart Site	15:15

Conditions

Clear, Windy, 70, 10, SW, 07:11

Weather	Clear, Windy
Temperature (F)	70
Wind Speed (MPH)	10
Wind Direction	SW
Time	07:11

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind

Photo

Time	07:12
Description	Downwind

Upwind

Photo

Time	07:15

Description	Upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:43, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:43
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 07:44, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:44
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 08:30, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:30
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 08:31, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:31
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 09:03, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:03
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 09:04, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:04
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 09:31, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:31
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 09:32, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:32
Concentration	0.003

PM-10, Dusttrak Monitor, Upwind, 10:03, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:03
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 10:04, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:04
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 10:40, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:40
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 10:41, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:41
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:14, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	11:14
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:16, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:16
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 11:55, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:55
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 11:56, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:56
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 12:56, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:56
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 12:58, 0.002

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:58
Concentration	0.002

PM-10, Dusttrak Monitor, Upwind, 13:33, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:33
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:35, 0.006

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	13:35
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 14:08, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:08
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 14:09, 0.004

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:09
Concentration	0.004

PM-10, Dusttrak Monitor, Upwind, 14:42, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:42
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 14:43, 0.003

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:43
Concentration	0.003

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tuesday, 7AM

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-07, Tomorrow, 7AM

Created	2022-09-07 10:55:23 UTC by Eric Chen
Updated	2022-09-07 20:15:46 UTC by Eric Chen
Location	40.699476, -73.9720257

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-07
Arrive On-Site	07:00
Depart Site	16:15

Conditions

Overcast, Rain, Windy, 70, 14, SW, 06:55

Weather	Overcast, Rain, Windy
Temperature (F)	70
Wind Speed (MPH)	14
Wind Direction	SW
Time	06:55

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	Yes
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

15:16, Singular exceedances occured during operation at downwind monitor, though no dust visible during operation. Contractors were sawing through metal and welding at the time of exceedance.

Time	15:16
Description	Singular exceedances occured during operation at downwind monitor, though no dust visible during operation. Contractors were sawing through metal and welding at the time of exceedance.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

downwind

Photo	 
Time	07:15
Description	downwind

upwind

Photo	 
Time	07:20

Description	upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:56, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:56
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 07:58, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:58
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 08:45, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:45
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 08:46, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:46
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 09:26, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:26
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 09:28, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:28
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 10:18, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:18
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 11:15, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:15
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:16, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:16
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 12:10, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:10
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 12:12, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:12
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 13:07, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:07
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 13:10, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:10
Concentration	0.007

PM-10, Dusttrak Monitor, Downwind, 13:40, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:40
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:42, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:42
Concentration	0.008

PM-10, Dusttrak Monitor, Upwind, 14:28, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:28
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 14:29, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:29
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 15:03, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:03
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 15:04, 0.04

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	15:04
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 15:54, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:54
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 15:58, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:58
Concentration	0.008

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow, 7AM

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-08, Tomorrow, 7 AM

Created	2022-09-08 11:36:27 UTC by Eric Chen
Updated	2022-09-08 19:40:28 UTC by Eric Chen
Location	40.6992293, -73.9727723

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-08
Arrive On-Site	07:15
Depart Site	15:45

Conditions

Clear, Windy, 07:40

Weather	Clear, Windy
Time	07:40

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

downwind

Photo

Time	07:36
Description	downwind

upwind

Photo

Time	07:39

Description	upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 08:00, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:00
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 08:02, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:02
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 08:47, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:47
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 08:48, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:48
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:53, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:53
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 09:55, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:55
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 10:27, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:27
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 10:30, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:30
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 11:38, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:38
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 11:38, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:38
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 12:46, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:46
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 12:47, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:47
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 13:40, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:40
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 13:41, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:41
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 14:14, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:14
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 14:16, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:16
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 15:02, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:02
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 15:03, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:03
Concentration	0.008

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Tomorrow, 7 AM

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-09, Monday, 7AM

Created	2022-09-09 11:16:07 UTC by Eric Chen
Updated	2022-09-09 16:48:12 UTC by Eric Chen
Location	,

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-09
Arrive On-Site	07:00
Depart Site	13:00

Conditions

Clear, 70, 9, SW, 07:16

Weather	Clear
Temperature (F)	70
Wind Speed (MPH)	9
Wind Direction	SW
Time	07:16

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

upwind

Photo

Time	07:17
Description	upwind

downwind

Photo

Time 07:19

Description	downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:52, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	07:52
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 07:53, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:53
Concentration	0.024

PM-10, Dusttrak Monitor, Downwind, 08:28, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:28
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 08:30, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:30
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 09:16, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:16
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:17, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:17
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 10:00, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:00
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 10:01, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:01
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 10:42, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:42
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 10:44, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:44
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 11:21, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:21
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 11:22, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:22
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 11:58, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	11:58
Concentration	0.005

PM-10, Dusttrak Monitor, Upwind, 11:59, 0.005

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:59
Concentration	0.005

PM-10, Dusttrak Monitor, Downwind, 12:38, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:38
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 12:39, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:39
Concentration	0.006

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Monday, 7AM

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-12, Unknown

Created	2022-09-12 11:17:23 UTC by Eric Chen
Updated	2022-09-12 19:40:25 UTC by Eric Chen
Location	40.6992627, -73.9726493

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-12
Arrive On-Site	07:00
Depart Site	15:39

Conditions

Overcast, 72, 6, SW, 07:18

Weather	Overcast
Temperature (F)	72
Wind Speed (MPH)	6
Wind Direction	SW
Time	07:18

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 07:51, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	07:51
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 07:54, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:54
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 08:33, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:33
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 08:35, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:35
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 09:12, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:12
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 09:14, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:14
Concentration	0.026

PM-10, Dusttrak Monitor, Upwind, 09:38, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:38
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 09:39, 0.021

Pollutant	PM-10

Device	Dusttrak Monitor
Location	Downwind
Time	09:39
Concentration	0.021

PM-10, Dusttrak Monitor, Upwind, 10:11, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:11
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 10:13, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:13
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 10:53, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:53
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 10:55, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:55
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 11:26, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:26
Concentration	0.018

PM-10, Dusttrak Monitor, Upwind, 11:28, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:28
Concentration	0.017

PM-10, Dusttrak Monitor, Downwind, 11:57, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:57
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 11:59, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:59
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 12:47, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:47
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 12:49, 0.028

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:49
Concentration	0.028

PM-10, Dusttrak Monitor, Upwind, 13:39, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:39
Concentration	0.037

PM-10, Dusttrak Monitor, Downwind, 13:41, 0.032

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:41
Concentration	0.032

PM-10, Dusttrak Monitor, Upwind, 14:30, 0.03

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	14:30
Concentration	0.03

PM-10, Dusttrak Monitor, Downwind, 14:31, 0.029

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:31
Concentration	0.029

PM-10, Dusttrak Monitor, Upwind, 15:25, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:25
Concentration	0.023

PM-10, Dusttrak Monitor, Downwind, 15:26, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:26
Concentration	0.023

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Unknown

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-14, Tomorrow 7AM

Created	2022-09-14 11:10:33 UTC by Eric Chen
Updated	2022-09-14 20:15:32 UTC by Eric Chen
Location	40.6994052, -73.9718813

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-14
Arrive On-Site	07:00
Depart Site	16:15

Conditions

Clear, 72, 7, E, 07:10

Weather	Clear
Temperature (F)	72
Wind Speed (MPH)	7
Wind Direction	E
Time	07:10

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

downwind

Photo

Time	08:09
Description	downwind

upwind

Photo	 
Time	08:11

Description	upwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:00, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:00
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:00, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:00
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 09:47, 0.02

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:47
Concentration	0.02

PM-10, Dusttrak Monitor, Upwind, 09:49, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:49
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 10:22, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:22
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 10:24, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:24
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 11:04, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:04
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 11:06, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:06
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 11:42, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:42
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 12:38, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:38
Concentration	0.006

PM-10, Dusttrak Monitor, Downwind, 12:39, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:39
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 13:30, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:30
Concentration	0.009

PM-10, Dusttrak Monitor, Upwind, 13:32, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind

Time	13:32
Concentration	0.006

PM-10, Dusttrak Monitor, Upwind, 14:23, 0.054

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:23
Concentration	0.054

PM-10, Dusttrak Monitor, Downwind, 14:25, 0.038

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:25
Concentration	0.038

PM-10, Dusttrak Monitor, Downwind, 15:06, 0.017

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:06
Concentration	0.017

PM-10, Dusttrak Monitor, Upwind, 15:08, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:08
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 15:41, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	15:41
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 15:43, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	15:43
Concentration	0.011

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 5 Parking Lot, 2022-09-15, N/A

Created	2022-09-15 13:47:18 UTC by Eric Chen
Updated	2022-09-15 19:41:26 UTC by Eric Chen
Location	40.6991257, -73.9721023

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 5 Parking Lot
On-Site CORE Representative	Eric Chen
CORE Project Manager	Ron Tramposch
General Contractor	City & County Paving Corporation
Date	2022-09-15
Arrive On-Site	07:00
Depart Site	15:45

Conditions

Clear, Windy, 70, 12, S, 09:47

Weather	Clear, Windy
Temperature (F)	70
Wind Speed (MPH)	12
Wind Direction	S
Time	09:47

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

upwind

Photo

Time	09:52
Description	upwind

downwind

Photo	 
Time	09:53

Description	downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 10:22, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:22
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 10:23, 0.018

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:23
Concentration	0.018

PM-10, Dusttrak Monitor, Downwind, 11:29, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:29
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 11:31, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:31
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 11:55, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:55
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 11:55, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:55
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 12:43, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:43
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 12:44, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:44
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 13:27, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	13:27
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 13:29, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	13:29
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 14:20, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	14:20
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 14:21, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:21
Concentration	0.008

PM-10, Dusttrak Monitor, Downwind, 14:57, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind

Time	14:57
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 14:58, 0.008

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	14:58
Concentration	0.008

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	N/A

Brooklyn Navy Yard, Building 3 Manhole Steam Repairs, 2022-06-06

Created	2022-06-06 12:31:05 UTC by Jake Frishberg
Updated	2022-06-06 17:11:58 UTC by Jake Frishberg
Location	40.69796065074655, -73.97304730097798

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 3 Manhole Steam Repairs
On-Site CORE Representative	Jake Frishberg
CORE Project Manager	Ron Tramposch
Date	2022-06-06
Arrive On-Site	07:15
Depart Site	12:15

Conditions

Clear, Warm, 70, 1, WNW, 08:32

Weather	Clear, Warm
Temperature (F)	70
Wind Speed (MPH)	1
Wind Direction	WNW
Time	08:32

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind

Photo

Time	08:47
Description	Upwind

Downwind

Photo	 
Time	08:47

Description	Downwind

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:18, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:18
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 09:18, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:18
Concentration	0.016

PM-10, Dusttrak Monitor, Upwind, 10:19, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:19
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 10:20, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:20
Concentration	0.01

PM-10, Dusttrak Monitor, Upwind, 11:07, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:07
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 11:08, 0.007

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:08
Concentration	0.007

PM-10, Dusttrak Monitor, Upwind, 12:02, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:02
Concentration	0.011

PM-10, Dusttrak Monitor, Downwind, 12:03, 0.006

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:03
Concentration	0.006

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Building 77 electrical duct, 2022-08-30

Created	2022-08-30 12:56:35 UTC by Jake Frishberg
Updated	2022-08-30 19:20:29 UTC by Jake Frishberg
Location	,

Basic Information

Client	Brooklyn Navy Yard
Project Name	Building 77 electrical duct
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
General Contractor	Raytone Plumbing
Date	2022-08-30
Arrive On-Site	08:45

Conditions

Overcast, 79, 7, NE, 08:58

Weather	Overcast
Temperature (F)	79
Wind Speed (MPH)	7
Wind Direction	NE
Time	08:58

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Downwind air monitor FA01652

Photo	 
Time	08:58
Description	Downwind air monitor FA01652

Upwind air monitor FA02806

Photo

Time	09:00
Description	Upwind air monitor FA02806

Covered dirt and excavation pit

Photo	 
Time	12:10
Description	Covered dirt and excavation pit

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 09:01, 0.025

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:01
Concentration	0.025

PM-10, Dusttrak Monitor, Downwind, 09:02, 0.019

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:02
Concentration	0.019

PM-10, Dusttrak Monitor, Downwind, 09:26, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:26
Concentration	0.012

PM-10, Dusttrak Monitor, Upwind, 09:26, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:26
Concentration	0.015

PM-10, Dusttrak Monitor, Upwind, 09:40, 0.012

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:40
Concentration	0.012

PM-10, Dusttrak Monitor, Downwind, 09:44, 0.033

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:44
Concentration	0.033

PM-10, Dusttrak Monitor, Downwind, 10:07, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:07
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 10:08, 0.052

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:08

Concentration	0.052

PM-10, Dusttrak Monitor, Downwind, 10:22, 0.011

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:22
Concentration	0.011

PM-10, Dusttrak Monitor, Upwind, 10:22, 0.009

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:22
Concentration	0.009

PM-10, Dusttrak Monitor, Downwind, 10:45, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:45
Concentration	0.013

PM-10, Dusttrak Monitor, Upwind, 10:46, 0.013

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:46
Concentration	0.013

PM-10, Dusttrak Monitor, Downwind, 11:14, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:14
Concentration	0.04

PM-10, Dusttrak Monitor, Upwind, 11:15, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:15
Concentration	0.014

PM-10, Dusttrak Monitor, Upwind, 11:43, 0.01

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	11:43
Concentration	0.01

PM-10, Dusttrak Monitor, Downwind, 11:44, 0.021

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:44
Concentration	0.021

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Brooklyn Navy Yard, Clinton Ave Security Gate Geotech Drilling , 2022-08-26, Monday 7:30am

Created	2022-08-26 11:31:34 UTC by Engel Valdez
Updated	2022-08-26 18:18:42 UTC by Engel Valdez
Location	40.69815227300012, -73.96993028938208

Basic Information

Client	Brooklyn Navy Yard
Project Name	Clinton Ave Security Gate Geotech Drilling
On-Site CORE Representative	Engel Valdez
CORE Project Manager	Ron Tramposch
General Contractor	Graig Geotechnical Drilling
Date	2022-08-26
Arrive On-Site	07:15
Depart Site	12:55

Conditions

Clear, Warm, 76, 3, NNE, 07:33

Weather	Clear, Warm
Temperature (F)	76
Wind Speed (MPH)	3
Wind Direction	NNE
Time	07:33

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	No
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	No

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind TT-2

Photo

Time	07:58
Description	Upwind TT-2

Downwind TT-2

Photo	 
Time	07:58

Description	Downwind TT-2

Upwind TT-3

Photo

Time	10:09
Description	Upwind TT-3

Downwind TT-3

Photo

Time	10:09
Description	Downwind TT-3

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Downwind, 07:59, 0.048

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	07:59
Concentration	0.048

PM-10, Dusttrak Monitor, Upwind, 08:00, 0.049

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:00
Concentration	0.049

PM-10, Dusttrak Monitor, Downwind, 08:42, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:42

Concentration	0.045

PM-10, Dusttrak Monitor, Upwind, 08:43, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:43
Concentration	0.045

PM-10, Dusttrak Monitor, Upwind, 09:22, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:22
Concentration	0.046

PM-10, Dusttrak Monitor, Downwind, 09:22, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:22
Concentration	0.045

PM-10, Dusttrak Monitor, Downwind, 09:54, 0.045

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:54
Concentration	0.045

PM-10, Dusttrak Monitor, Upwind, 09:54, 0.04

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:54
Concentration	0.04

PM-10, Dusttrak Monitor, Downwind, 10:12, 0.046

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:12
Concentration	0.046

PM-10, Dusttrak Monitor, Upwind, 10:12, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Upwind
Time	10:12
Concentration	0.041

PM-10, Dusttrak Monitor, Downwind, 10:59, 0.05

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	10:59
Concentration	0.05

PM-10, Dusttrak Monitor, Upwind, 10:59, 0.041

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	10:59
Concentration	0.041

PM-10, Dusttrak Monitor, Downwind, 11:27, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	11:27
Concentration	0.053

PM-10, Dusttrak Monitor, Upwind, 11:28, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	11:28
Concentration	0.039

PM-10, Dusttrak Monitor, Downwind, 12:12, 0.053

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:12
Concentration	0.053

PM-10, Dusttrak Monitor, Upwind, 12:12, 0.039

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:12
Concentration	0.039

PM-10, Dusttrak Monitor, Downwind, 12:32, 0.047

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	12:32
Concentration	0.047

PM-10, Dusttrak Monitor, Upwind, 12:33, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	12:33
Concentration	0.037

Project Schedule

Record what the contractor may be doing in the future and any concerns or general comments.

Upcoming Work Schedule	Monday 7:30am

Brooklyn Navy Yard, Cumberland Security Gate Geotech Drilling, 2022-08-29

Created	2022-08-29 11:56:20 UTC by Jake Frishberg
Updated	2022-08-29 15:24:32 UTC by Jake Frishberg
Location	40.6994900967743, -73.97193520805108

Basic Information

Client	Brooklyn Navy Yard
Project Name	Cumberland Security Gate Geotech Drilling
On-Site CORE Representative	Alex Goetz
CORE Project Manager	Ron Tramposch
General Contractor	Craig
Date	2022-08-29
Arrive On-Site	06:45
Depart Site	10:45

Conditions

Warm, Clear, 75, 2, N, 07:57

Weather	Warm, Clear
Temperature (F)	75
Wind Speed (MPH)	2
Wind Direction	N
Time	07:57

Check List

Were there any work stoppages?	No
Were air monitors calibrated prior to work?	Yes
Was there any contamination observed?	No
Were any samples collected?	Yes
Was any soil hauled offsite?	No
Was there any air monitoring exceedances?	No
Was groundwater encountered?	Yes

Summary Of Work

Recommended to record every 30 minutes - Describe any significant events, accomplishments, materials or equipment on-site, and the number of personnel on site.

07:57, Work started

Time	07:57
Description	Work started

Photos

Take pictures of the work, site setup, air monitors, soil, samples, etc. Describe each photo.

Upwind air monitor FA02806

Photo	 
Time	07:58
Description	Upwind air monitor FA02806

Downwind air monitor FA01652

Photo	 
Time	08:03
Description	Downwind air monitor FA01652

Worksite

Photo	
Time	08:04
Description	Worksite

Periodic Air Monitoring

Periodically record VOCs in important locations e.g. soil and downwind of site. Optionally record particulate monitoring parameters.

PM-10, Dusttrak Monitor, Upwind, 08:05, 0.035

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:05
Concentration	0.035

PM-10, Dusttrak Monitor, Downwind, 08:05, 0.037

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	08:05
Concentration	0.037

PM-10, Dusttrak Monitor, Upwind, 08:47, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	08:47
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 08:48, 0.024

Pollutant	PM-10
Device	Dusttrak Monitor

Location	Downwind
Time	08:48
Concentration	0.024

PM-10, Dusttrak Monitor, Upwind, 09:06, 0.015

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:06
Concentration	0.015

PM-10, Dusttrak Monitor, Downwind, 09:06, 0.023

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:06
Concentration	0.023

PM-10, Dusttrak Monitor, Upwind, 09:22, 0.026

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:22
Concentration	0.026

PM-10, Dusttrak Monitor, Downwind, 09:23, 0.027

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:23
Concentration	0.027

PM-10, Dusttrak Monitor, Upwind, 09:36, 0.014

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:36
Concentration	0.014

PM-10, Dusttrak Monitor, Downwind, 09:36, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:36
Concentration	0.022

PM-10, Dusttrak Monitor, Upwind, 09:50, 0.016

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Upwind
Time	09:50
Concentration	0.016

PM-10, Dusttrak Monitor, Downwind, 09:51, 0.022

Pollutant	PM-10
Device	Dusttrak Monitor
Location	Downwind
Time	09:51
Concentration	0.022

Project Schedule

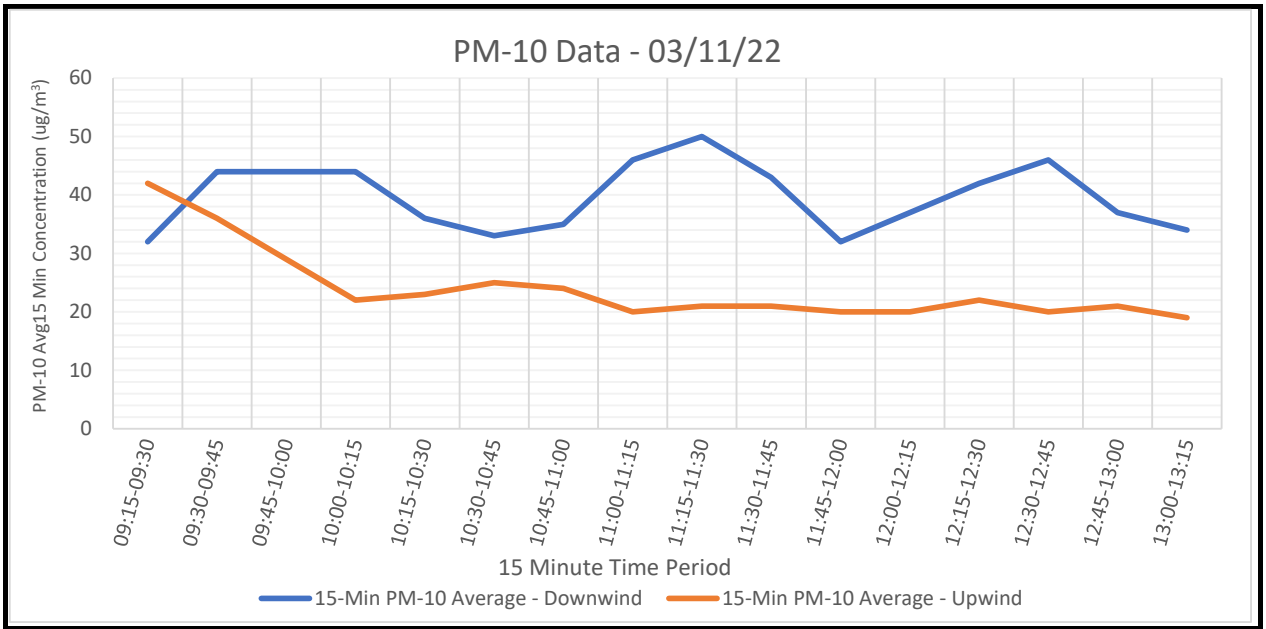
Record what the contractor may be doing in the future and any concerns or general comments.

APPENDIX F

Daily CAMP Data

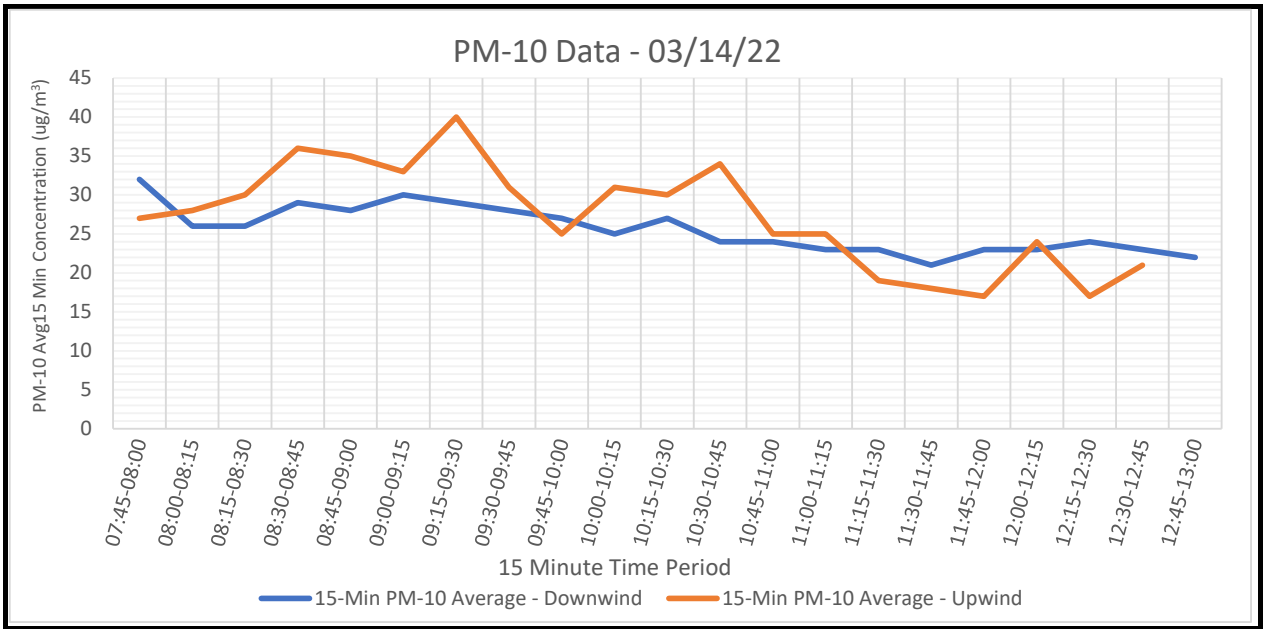
CORE ENVIRONMENTAL CONSULTANTS

Daily CAMP Monitoring Results
Pier D Borings



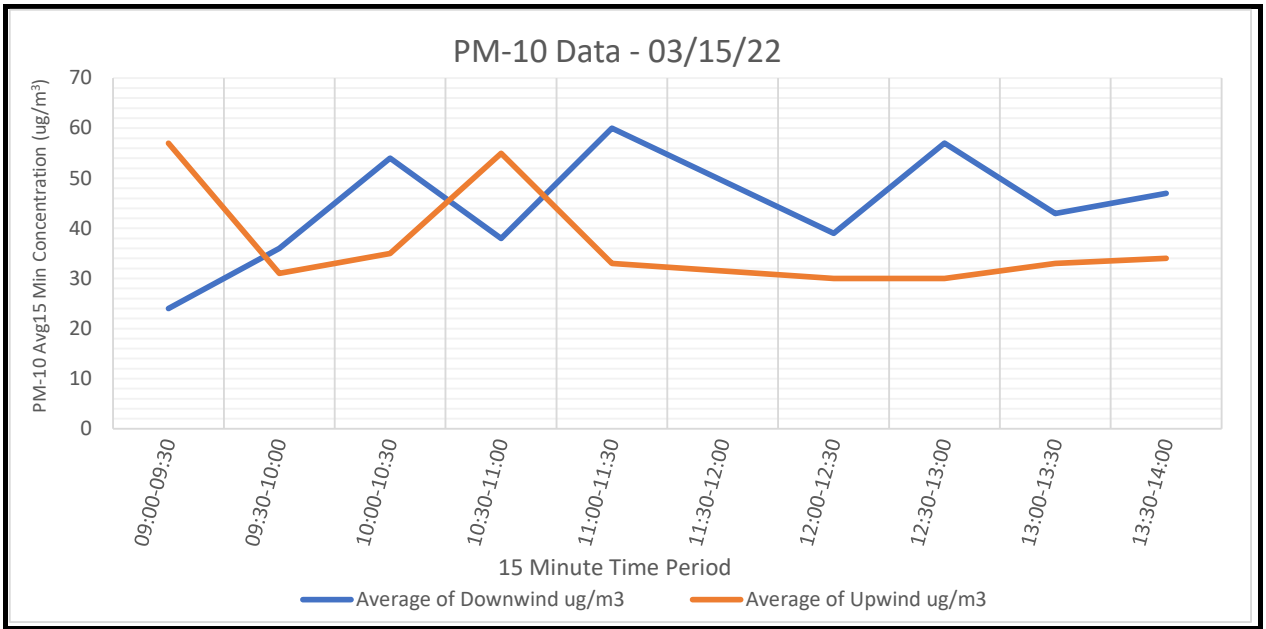
Friday, March 11, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:15-09:30	32.00	42.00
09:30-09:45	44.00	36.00
09:45-10:00	44.00	29.00
10:00-10:15	44.00	22.00
10:15-10:30	36.00	23.00
10:30-10:45	33.00	25.00
10:45-11:00	35.00	24.00
11:00-11:15	46.00	20.00
11:15-11:30	50.00	21.00
11:30-11:45	43.00	21.00
11:45-12:00	32.00	20.00
12:00-12:15	37.00	20.00
12:15-12:30	42.00	22.00
12:30-12:45	46.00	20.00
12:45-13:00	37.00	21.00
13:00-13:15	34.00	19.00

Daily CAMP Monitoring Results
Pier D Borings



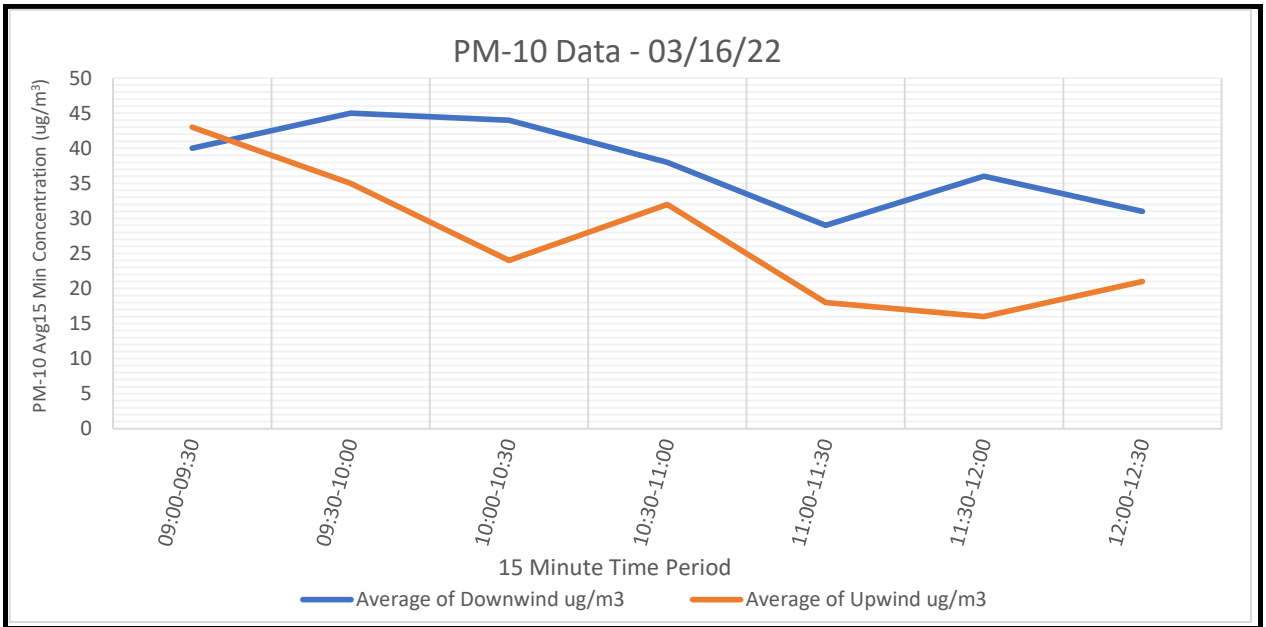
Monday, March 14, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00	32.00	27.00
08:00-08:15	26.00	28.00
08:15-08:30	26.00	30.00
08:30-08:45	29.00	36.00
08:45-09:00	28.00	35.00
09:00-09:15	30.00	33.00
09:15-09:30	29.00	40.00
09:30-09:45	28.00	31.00
09:45-10:00	27.00	25.00
10:00-10:15	25.00	31.00
10:15-10:30	27.00	30.00
10:30-10:45	24.00	34.00
10:45-11:00	24.00	25.00
11:00-11:15	23.00	25.00
11:15-11:30	23.00	19.00
11:30-11:45	21.00	18.00
11:45-12:00	23.00	17.00
12:00-12:15	23.00	24.00
12:15-12:30	24.00	17.00
12:30-12:45	23.00	21.00
12:45-13:00	22.00	

Daily CAMP Monitoring Results
Pier D Borings



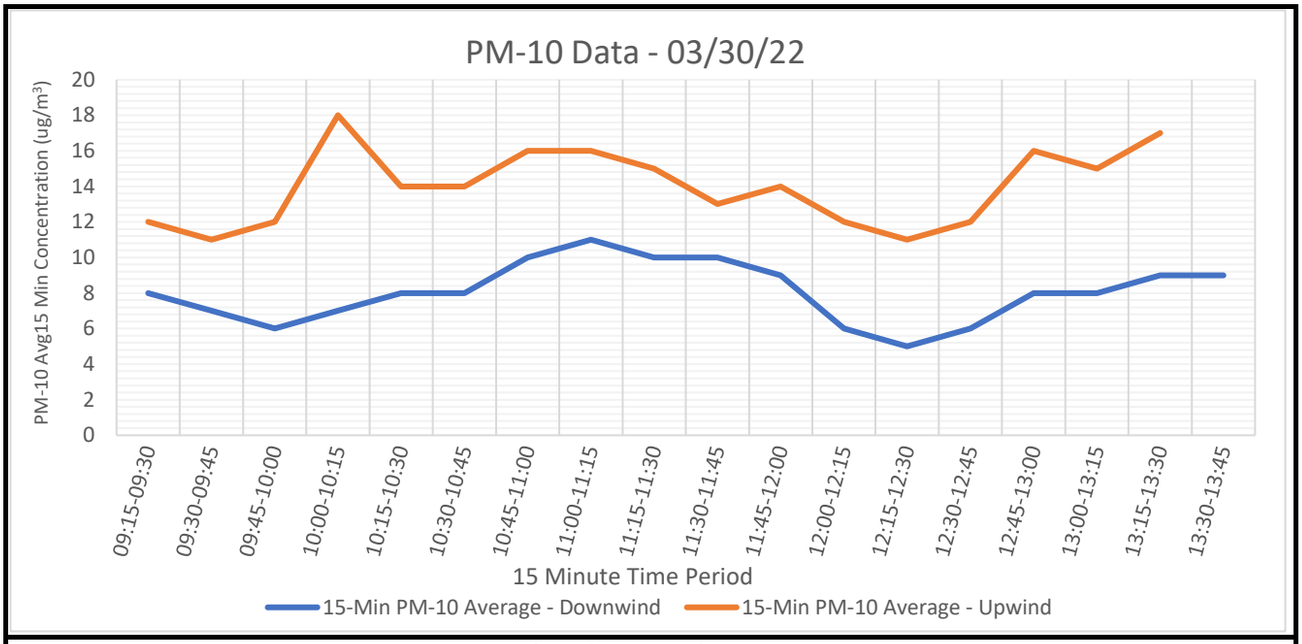
Tuesday, March 15, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:00-09:30	24.00	57.00
09:30-10:00	36.00	31.00
10:00-10:30	54.00	35.00
10:30-11:00	38.00	55.00
11:00-11:30	60.00	33.00
11:30-12:00	49.50	31.50
12:00-12:30	39.00	30.00
12:30-13:00	57.00	30.00
13:00-13:30	43.00	33.00
13:30-14:00	47.00	34.00

Daily CAMP Monitoring Results
Pier D Borings



Wednesday, March 16, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:00-09:30	40.00	43.00
09:30-10:00	45.00	35.00
10:00-10:30	44.00	24.00
10:30-11:00	38.00	32.00
11:00-11:30	29.00	18.00
11:30-12:00	36.00	16.00
12:00-12:30	31.00	21.00

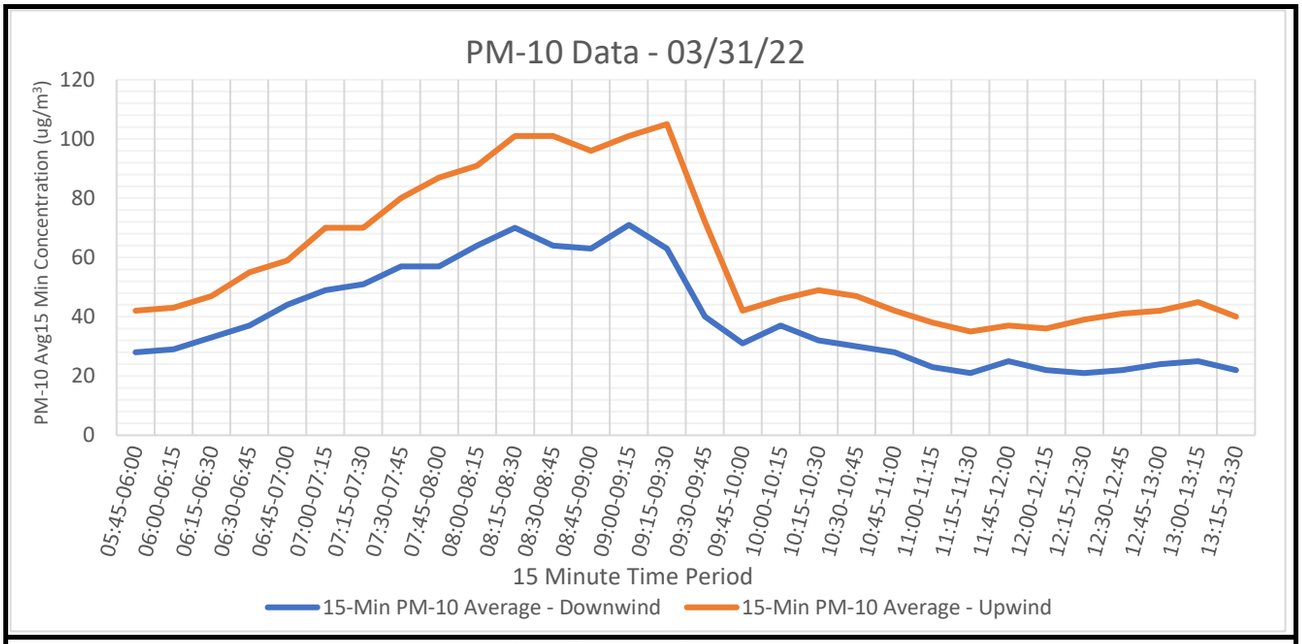
Daily CAMP Monitoring Results
Welding Lab



Wednesday, March 30, 2022

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
09:15-09:30	8.00	12.00
09:30-09:45	7.00	11.00
09:45-10:00	6.00	12.00
10:00-10:15	7.00	18.00
10:15-10:30	8.00	14.00
10:30-10:45	8.00	14.00
10:45-11:00	10.00	16.00
11:00-11:15	11.00	16.00
11:15-11:30	10.00	15.00
11:30-11:45	10.00	13.00
11:45-12:00	9.00	14.00
12:00-12:15	6.00	12.00
12:15-12:30	5.00	11.00
12:30-12:45	6.00	12.00
12:45-13:00	8.00	16.00
13:00-13:15	8.00	15.00
13:15-13:30	9.00	17.00
13:30-13:45	9.00	

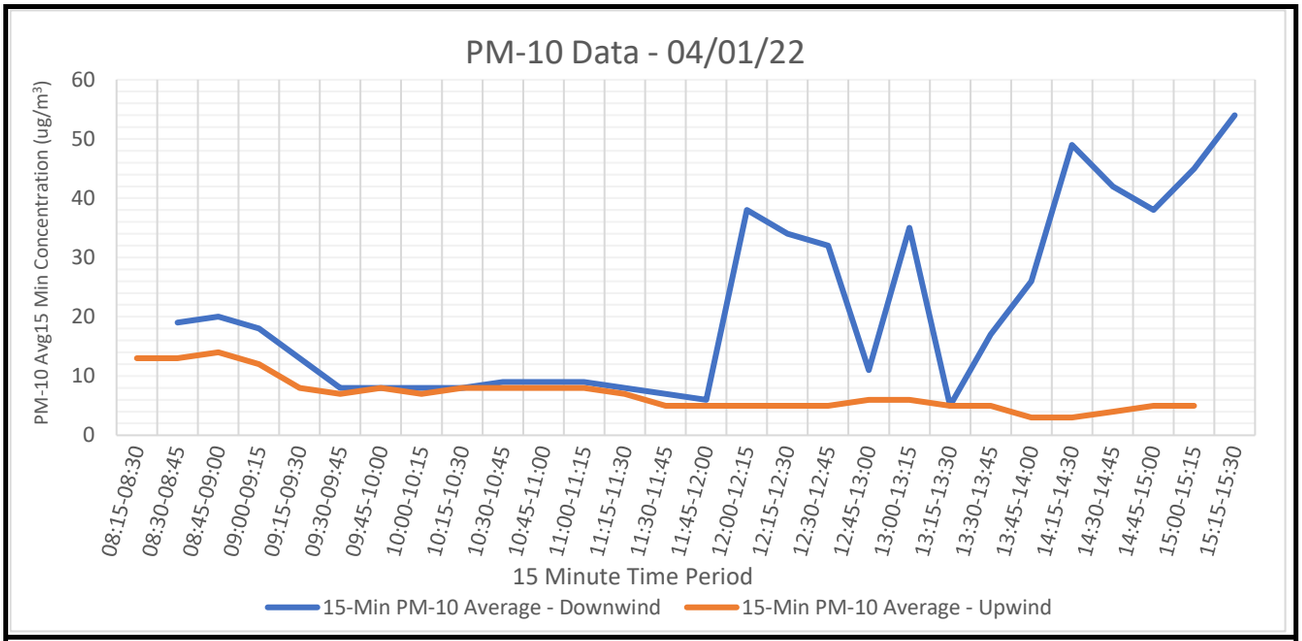
Daily CAMP Monitoring Results
Welding Lab



Thursday, March 31, 2022

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
05:45-06:00	28.00	42.00
06:00-06:15	29.00	43.00
06:15-06:30	33.00	47.00
06:30-06:45	37.00	55.00
06:45-07:00	44.00	59.00
07:00-07:15	49.00	70.00
07:15-07:30	51.00	70.00
07:30-07:45	57.00	80.00
07:45-08:00	57.00	87.00
08:00-08:15	64.00	91.00
08:15-08:30	70.00	101.00
08:30-08:45	64.00	101.00
08:45-09:00	63.00	96.00
09:00-09:15	71.00	101.00
09:15-09:30	63.00	105.00
09:30-09:45	40.00	72.00
09:45-10:00	31.00	42.00
10:00-10:15	37.00	46.00
10:15-10:30	32.00	49.00
10:30-10:45	30.00	47.00
10:45-11:00	28.00	42.00
11:00-11:15	23.00	38.00
11:15-11:30	21.00	35.00
11:45-12:00	25.00	37.00
12:00-12:15	22.00	36.00
12:15-12:30	21.00	39.00
12:30-12:45	22.00	41.00
12:45-13:00	24.00	42.00
13:00-13:15	25.00	45.00
13:15-13:30	22.00	40.00

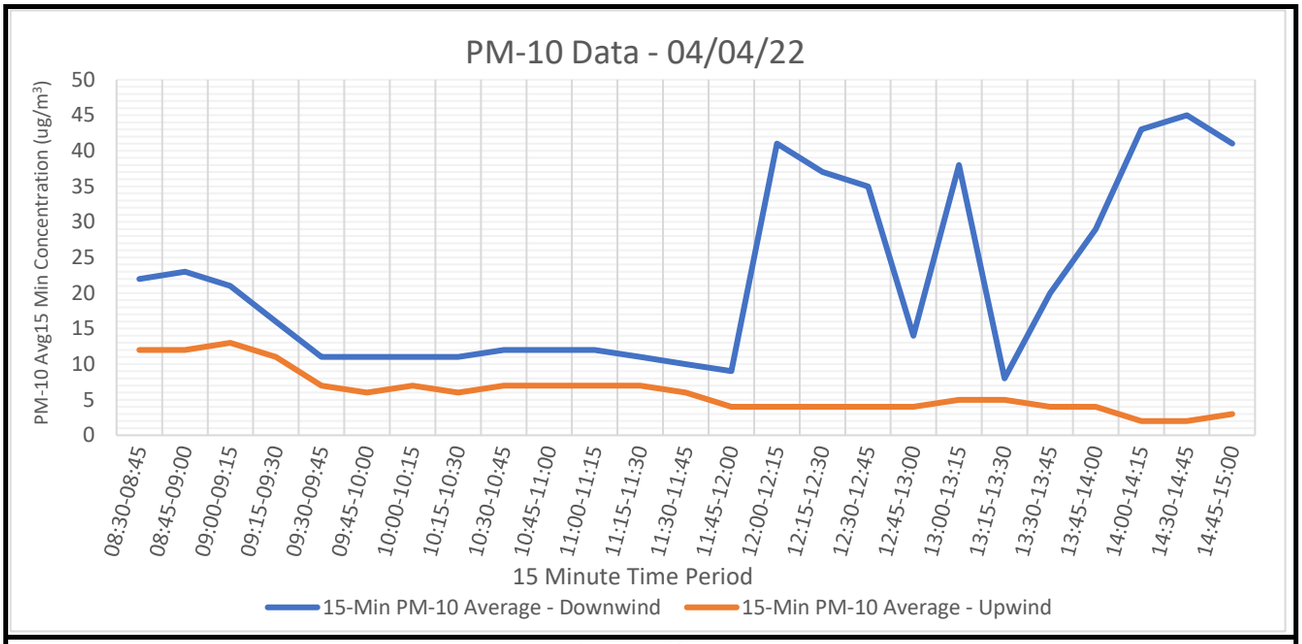
Daily CAMP Monitoring Results
Welding Lab



Friday, April 01, 2022

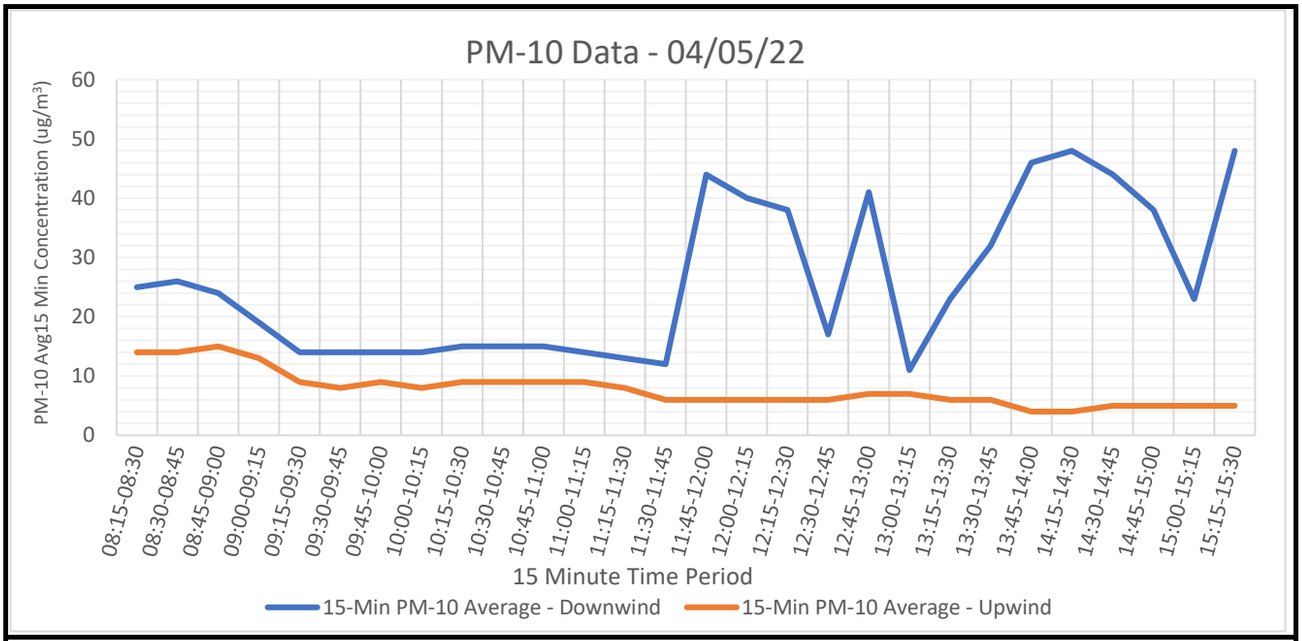
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:15-08:30		13.00
08:30-08:45	19.00	13.00
08:45-09:00	20.00	14.00
09:00-09:15	18.00	12.00
09:15-09:30	13.00	8.00
09:30-09:45	8.00	7.00
09:45-10:00	8.00	8.00
10:00-10:15	8.00	7.00
10:15-10:30	8.00	8.00
10:30-10:45	9.00	8.00
10:45-11:00	9.00	8.00
11:00-11:15	9.00	8.00
11:15-11:30	8.00	7.00
11:30-11:45	7.00	5.00
11:45-12:00	6.00	5.00
12:00-12:15	38.00	5.00
12:15-12:30	34.00	5.00
12:30-12:45	32.00	5.00
12:45-13:00	11.00	6.00
13:00-13:15	35.00	6.00
13:15-13:30	5.00	5.00
13:30-13:45	17.00	5.00
13:45-14:00	26.00	3.00
14:15-14:30	49.00	3.00
14:30-14:45	42.00	4.00
14:45-15:00	38.00	5.00
15:00-15:15	45.00	5.00
15:15-15:30	54.00	

Daily CAMP Monitoring Results
Welding Lab



Monday, April 04, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	22.00	12.00
08:45-09:00	23.00	12.00
09:00-09:15	21.00	13.00
09:15-09:30	16.00	11.00
09:30-09:45	11.00	7.00
09:45-10:00	11.00	6.00
10:00-10:15	11.00	7.00
10:15-10:30	11.00	6.00
10:30-10:45	12.00	7.00
10:45-11:00	12.00	7.00
11:00-11:15	12.00	7.00
11:15-11:30	11.00	7.00
11:30-11:45	10.00	6.00
11:45-12:00	9.00	4.00
12:00-12:15	41.00	4.00
12:15-12:30	37.00	4.00
12:30-12:45	35.00	4.00
12:45-13:00	14.00	4.00
13:00-13:15	38.00	5.00
13:15-13:30	8.00	5.00
13:30-13:45	20.00	4.00
13:45-14:00	29.00	4.00
14:00-14:15	43.00	2.00
14:30-14:45	45.00	2.00
14:45-15:00	41.00	3.00

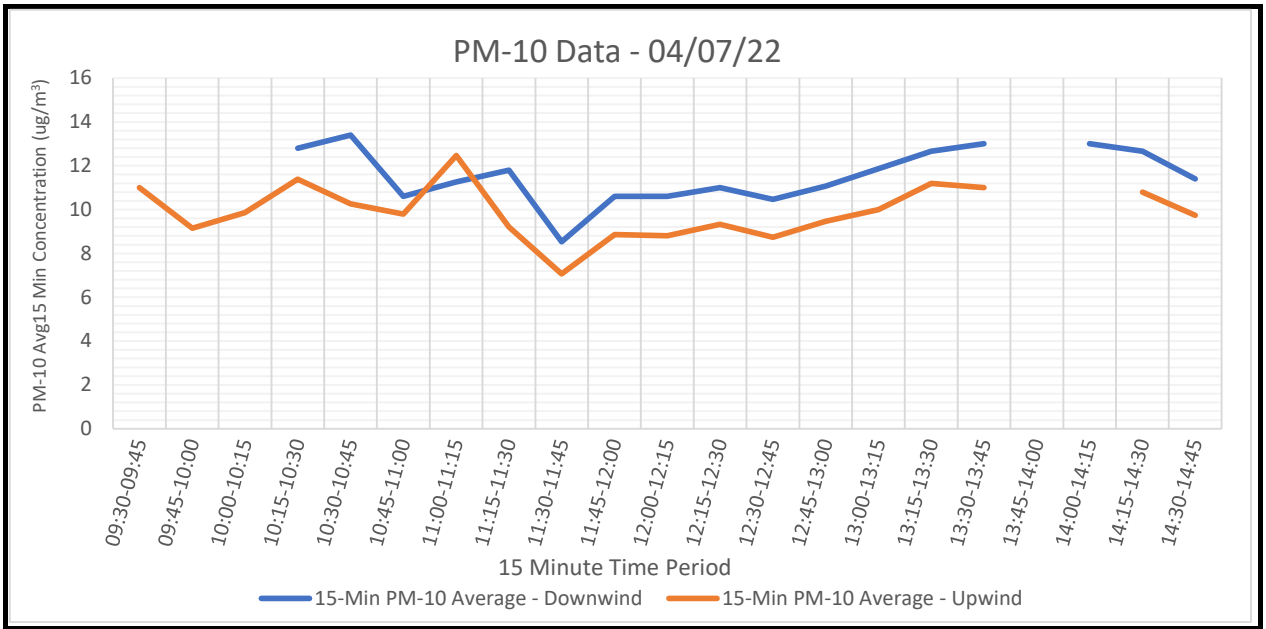
Daily CAMP Monitoring Results
Welding Lab



Tuesday, April 05, 2022

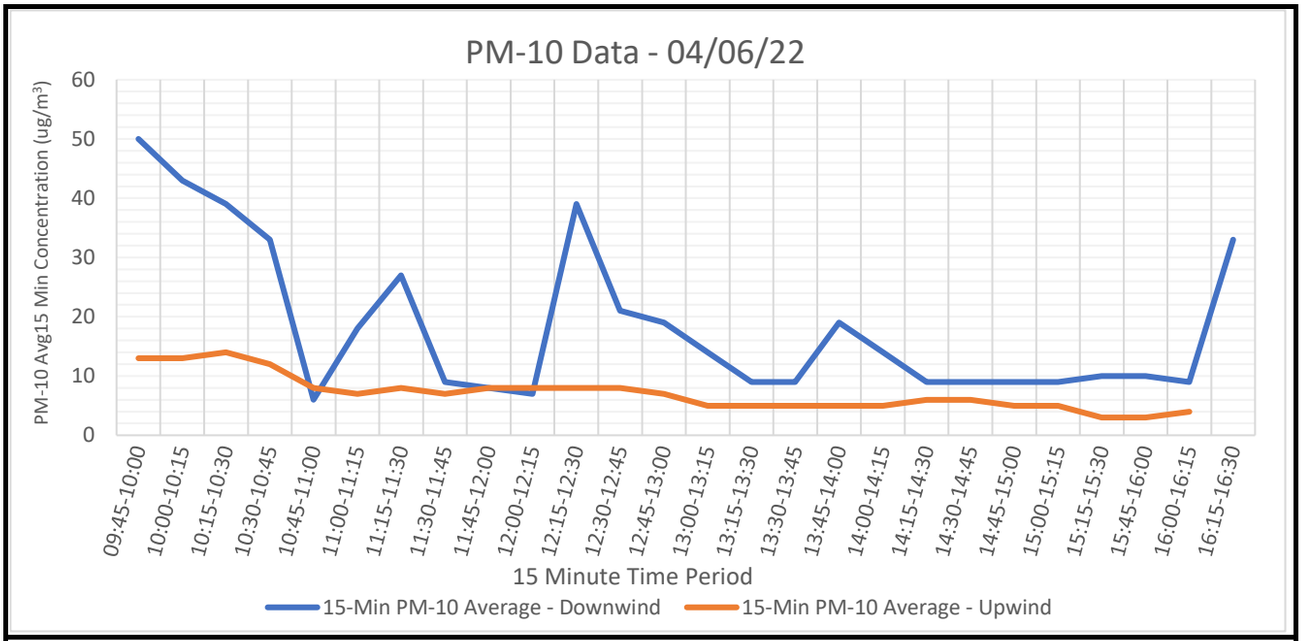
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:15-08:30	25.00	14.00
08:30-08:45	26.00	14.00
08:45-09:00	24.00	15.00
09:00-09:15	19.00	13.00
09:15-09:30	14.00	9.00
09:30-09:45	14.00	8.00
09:45-10:00	14.00	9.00
10:00-10:15	14.00	8.00
10:15-10:30	15.00	9.00
10:30-10:45	15.00	9.00
10:45-11:00	15.00	9.00
11:00-11:15	14.00	9.00
11:15-11:30	13.00	8.00
11:30-11:45	12.00	6.00
11:45-12:00	44.00	6.00
12:00-12:15	40.00	6.00
12:15-12:30	38.00	6.00
12:30-12:45	17.00	6.00
12:45-13:00	41.00	7.00
13:00-13:15	11.00	7.00
13:15-13:30	23.00	6.00
13:30-13:45	32.00	6.00
13:45-14:00	46.00	4.00
14:15-14:30	48.00	4.00
14:30-14:45	44.00	5.00
14:45-15:00	38.00	5.00
15:00-15:15	23.00	5.00
15:15-15:30	48.00	5.00

Daily CAMP Monitoring Results
Nassau Gas Works



Thursday, April 07, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:30-09:45	14.00	11.00
09:45-10:00		9.14
10:00-10:15		9.87
10:15-10:30	12.80	11.38
10:30-10:45	13.40	10.27
10:45-11:00	10.60	9.80
11:00-11:15	11.27	12.47
11:15-11:30	11.80	9.20
11:30-11:45	8.53	7.07
11:45-12:00	10.60	8.87
12:00-12:15	10.60	8.80
12:15-12:30	11.00	9.33
12:30-12:45	10.47	8.73
12:45-13:00	11.07	9.47
13:00-13:15	11.87	10.00
13:15-13:30	12.67	11.20
13:30-13:45	13.00	11.00
13:45-14:00		
14:00-14:15	13.00	
14:15-14:30	12.67	10.80
14:30-14:45	11.40	9.73

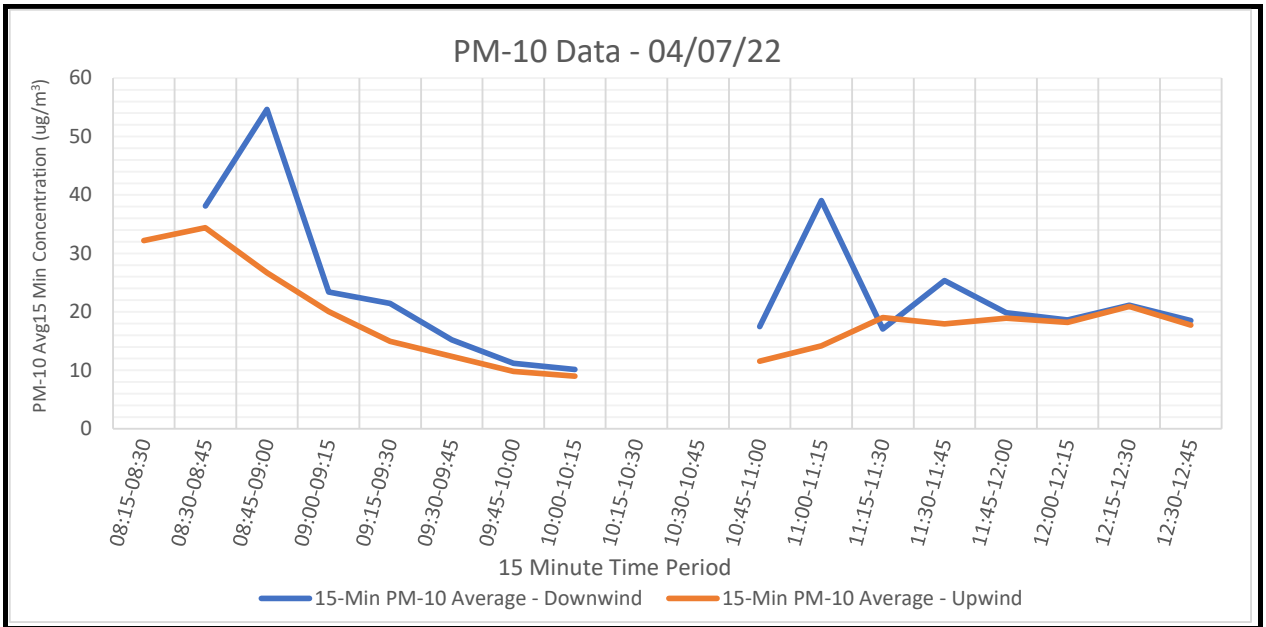
Daily CAMP Monitoring Results
Welding Lab



Wednesday, April 06, 2022

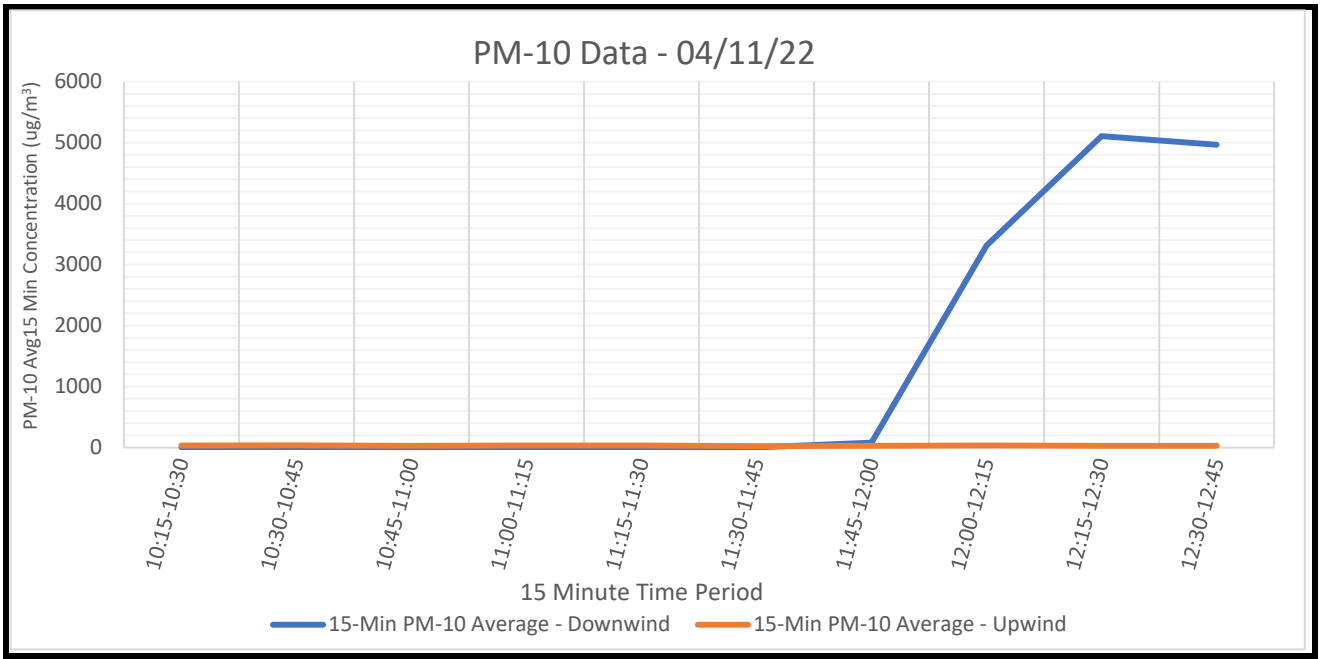
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
09:45-10:00	50.00	13.00
10:00-10:15	43.00	13.00
10:15-10:30	39.00	14.00
10:30-10:45	33.00	12.00
10:45-11:00	6.00	8.00
11:00-11:15	18.00	7.00
11:15-11:30	27.00	8.00
11:30-11:45	9.00	7.00
11:45-12:00	8.00	8.00
12:00-12:15	7.00	8.00
12:15-12:30	39.00	8.00
12:30-12:45	21.00	8.00
12:45-13:00	19.00	7.00
13:00-13:15	14.00	5.00
13:15-13:30	9.00	5.00
13:30-13:45	9.00	5.00
13:45-14:00	19.00	5.00
14:00-14:15	14.00	5.00
14:15-14:30	9.00	6.00
14:30-14:45	9.00	6.00
14:45-15:00	9.00	5.00
15:00-15:15	9.00	5.00
15:15-15:30	10.00	3.00
15:45-16:00	10.00	3.00
16:00-16:15	9.00	4.00
16:15-16:30	33.00	

Daily CAMP Monitoring Results
Nassau Gas Works



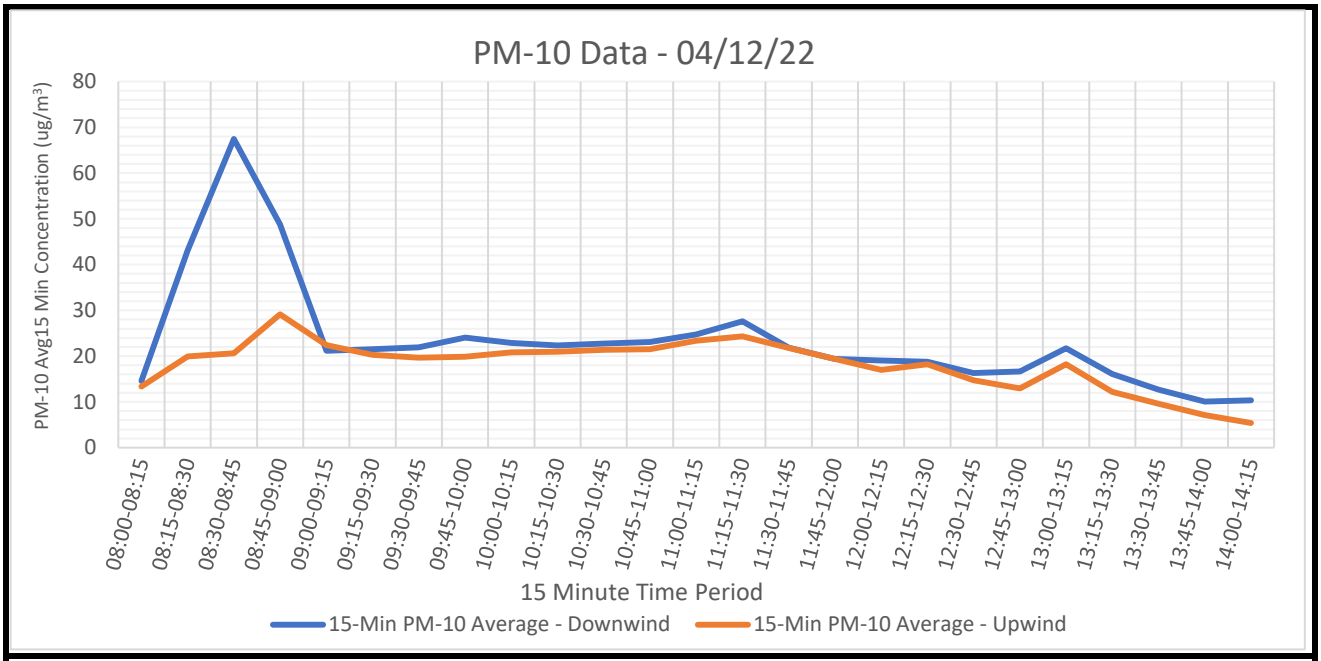
Thursday, April 07, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30		32.20
08:30-08:45	38.13	34.40
08:45-09:00	54.64	26.71
09:00-09:15	23.40	20.07
09:15-09:30	21.47	14.93
09:30-09:45	15.20	12.40
09:45-10:00	11.20	9.80
10:00-10:15	10.14	9.00
10:15-10:30		
10:30-10:45		
10:45-11:00	17.50	11.54
11:00-11:15	39.07	14.20
11:15-11:30	17.07	19.00
11:30-11:45	25.33	17.93
11:45-12:00	19.87	18.93
12:00-12:15	18.60	18.20
12:15-12:30	21.13	20.93
12:30-12:45	18.50	17.71

Daily CAMP Monitoring Results
Backflow Preventer



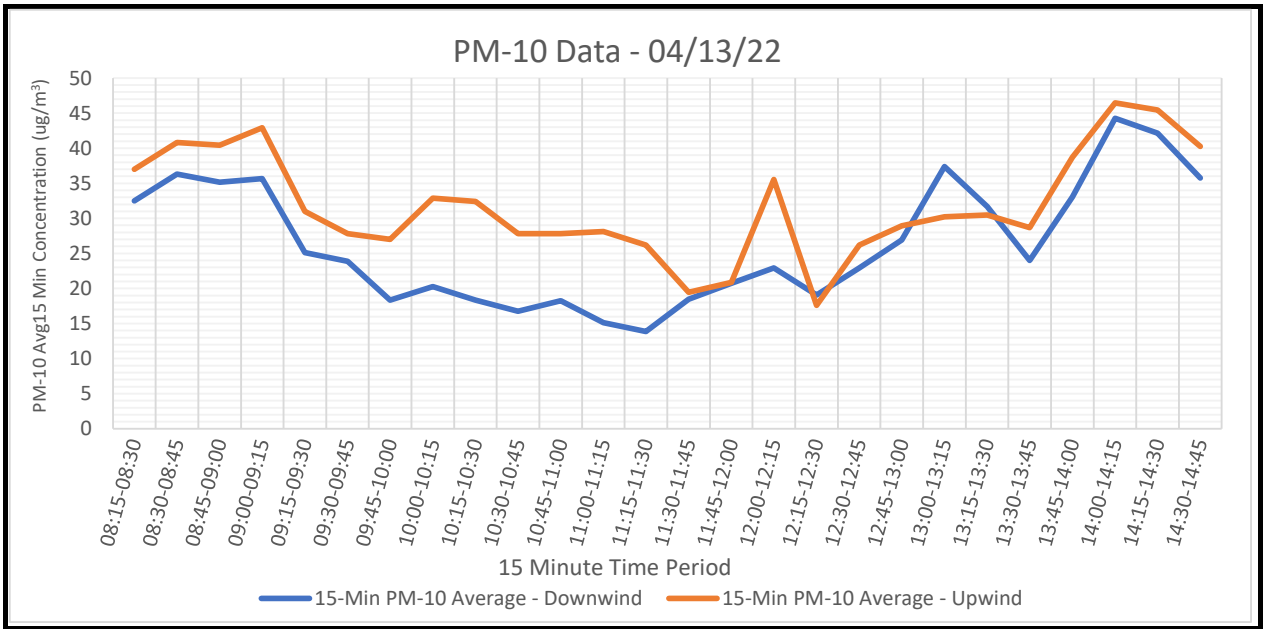
Monday, April 11, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
10:15-10:30	2.40	35.20
10:30-10:45	1.47	37.07
10:45-11:00	0.67	31.40
11:00-11:15	1.40	34.73
11:15-11:30	3.27	34.13
11:30-11:45	2.20	24.73
11:45-12:00	80.93	32.27
12:00-12:15	3314.60	33.40
12:15-12:30	5106.00	31.07
12:30-12:45	4966.00	30.78

Daily CAMP Monitoring Results
Backflow Preventer



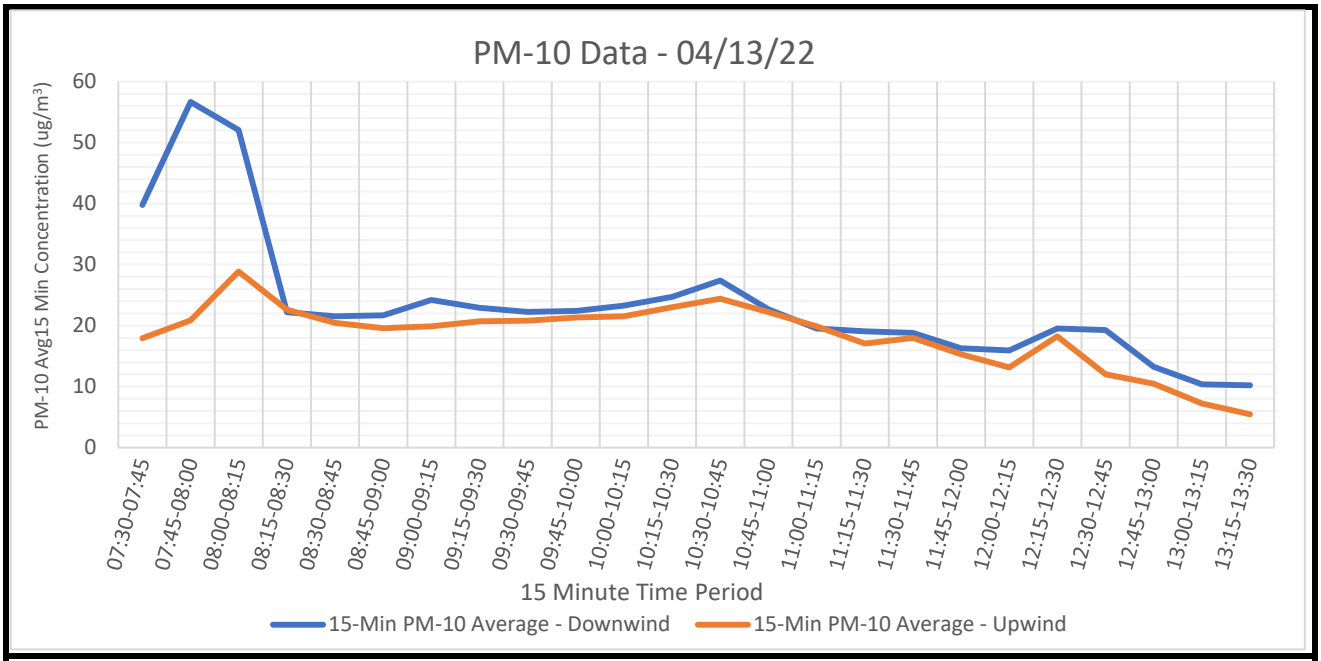
Tuesday, April 12, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	14.60	13.33
08:15-08:30	43.14	19.93
08:30-08:45	67.46	20.62
08:45-09:00	48.80	29.13
09:00-09:15	21.20	22.40
09:15-09:30	21.53	20.27
09:30-09:45	21.93	19.67
09:45-10:00	24.07	19.87
10:00-10:15	22.87	20.80
10:15-10:30	22.33	20.93
10:30-10:45	22.73	21.40
10:45-11:00	23.07	21.53
11:00-11:15	24.73	23.33
11:15-11:30	27.60	24.33
11:30-11:45	21.87	21.80
11:45-12:00	19.40	19.40
12:00-12:15	19.07	17.00
12:15-12:30	18.80	18.20
12:30-12:45	16.33	14.73
12:45-13:00	16.67	12.93
13:00-13:15	21.73	18.20
13:15-13:30	16.07	12.20
13:30-13:45	12.67	9.60
13:45-14:00	10.07	7.13
14:00-14:15	10.33	5.38

Daily CAMP Monitoring Results
Nassau Gas Works



Wednesday, April 13, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	32.50	37.00
08:30-08:45	36.33	40.80
08:45-09:00	35.14	40.43
09:00-09:15	35.67	42.93
09:15-09:30	25.13	31.00
09:30-09:45	23.87	27.80
09:45-10:00	18.33	27.00
10:00-10:15	20.27	32.87
10:15-10:30	18.33	32.40
10:30-10:45	16.73	27.80
10:45-11:00	18.27	27.80
11:00-11:15	15.13	28.13
11:15-11:30	13.87	26.20
11:30-11:45	18.47	19.47
11:45-12:00	20.73	20.87
12:00-12:15	22.93	35.53
12:15-12:30	19.07	17.60
12:30-12:45	22.93	26.20
12:45-13:00	26.93	28.93
13:00-13:15	37.40	30.23
13:15-13:30	31.67	30.47
13:30-13:45	24.00	28.67
13:45-14:00	33.07	38.73
14:00-14:15	44.27	46.47
14:15-14:30	42.13	45.47
14:30-14:45	35.73	40.27

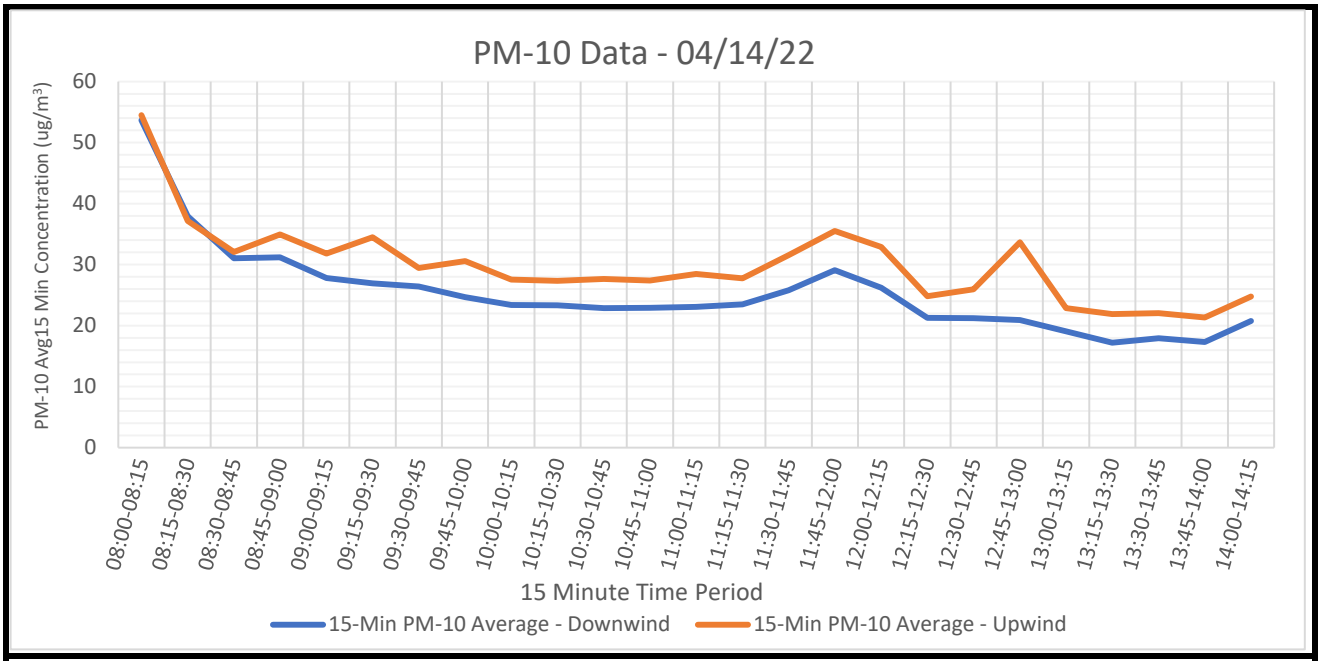
Daily CAMP Monitoring Results
Backflow Preventer



Wednesday, April 13, 2022

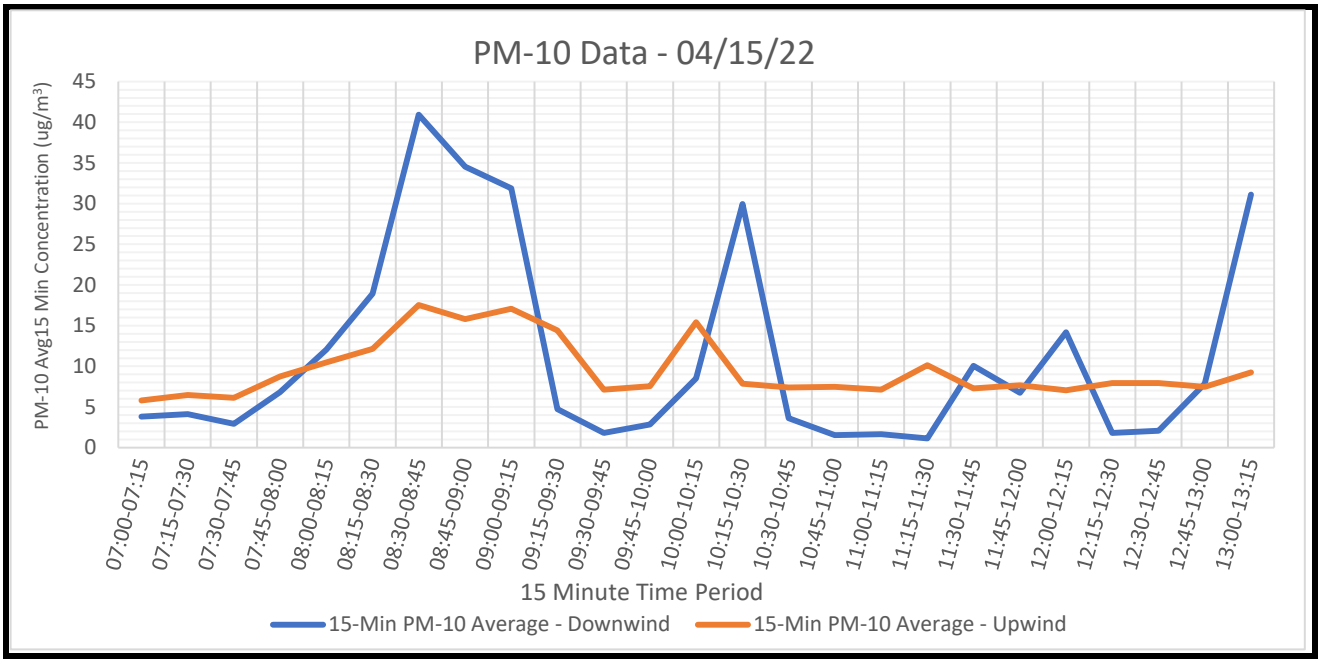
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:30-07:45	39.80	17.92
07:45-08:00	56.67	20.87
08:00-08:15	52.07	28.87
08:15-08:30	22.20	22.60
08:30-08:45	21.53	20.47
08:45-09:00	21.67	19.60
09:00-09:15	24.20	19.87
09:15-09:30	22.93	20.73
09:30-09:45	22.27	20.80
09:45-10:00	22.40	21.33
10:00-10:15	23.27	21.53
10:15-10:30	24.73	23.00
10:30-10:45	27.40	24.40
10:45-11:00	22.67	22.20
11:00-11:15	19.53	19.87
11:15-11:30	19.07	17.07
11:30-11:45	18.80	18.00
11:45-12:00	16.27	15.33
12:00-12:15	15.93	13.13
12:15-12:30	19.53	18.27
12:30-12:45	19.27	12.00
12:45-13:00	13.27	10.47
13:00-13:15	10.40	7.27
13:15-13:30	10.21	5.47

Daily CAMP Monitoring Results
Backflow Preventer



Thursday, April 14, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	53.67	54.50
08:15-08:30	37.93	37.13
08:30-08:45	31.07	32.07
08:45-09:00	31.20	34.93
09:00-09:15	27.80	31.80
09:15-09:30	26.93	34.47
09:30-09:45	26.40	29.47
09:45-10:00	24.67	30.60
10:00-10:15	23.40	27.53
10:15-10:30	23.33	27.33
10:30-10:45	22.87	27.67
10:45-11:00	22.93	27.40
11:00-11:15	23.07	28.47
11:15-11:30	23.47	27.73
11:30-11:45	25.80	31.53
11:45-12:00	29.07	35.53
12:00-12:15	26.20	32.87
12:15-12:30	21.27	24.80
12:30-12:45	21.20	25.93
12:45-13:00	20.93	33.67
13:00-13:15	19.07	22.87
13:15-13:30	17.20	21.87
13:30-13:45	17.93	22.07
13:45-14:00	17.33	21.33
14:00-14:15	20.78	24.78

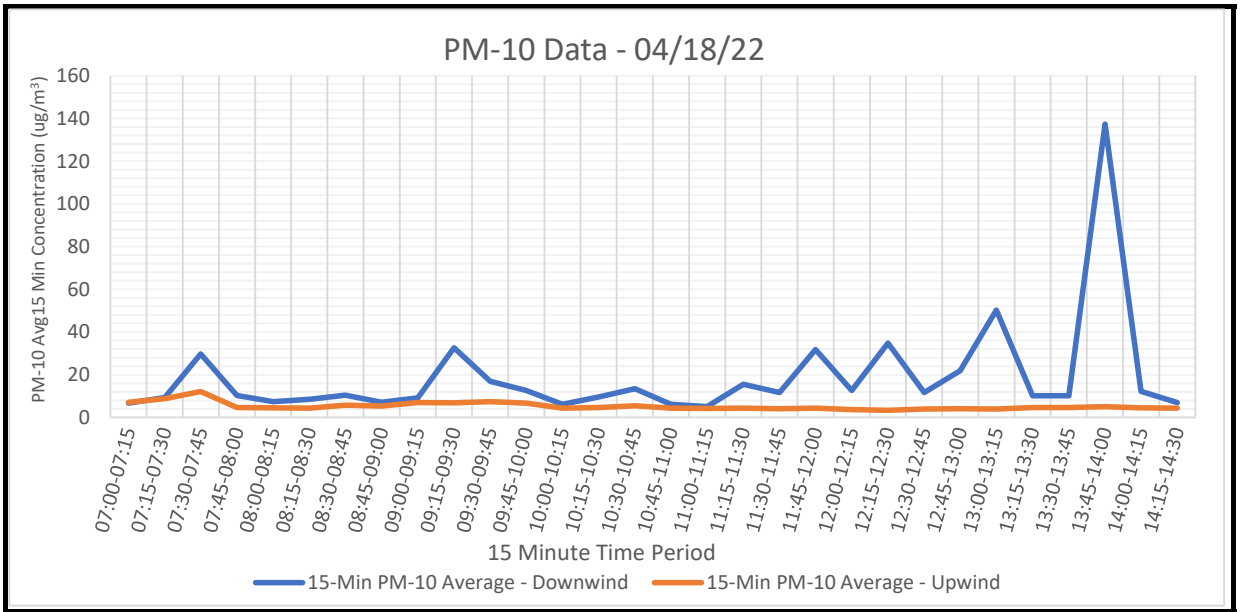
Daily CAMP Monitoring Results
Backflow Preventer



Friday, April 15, 2022

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:00-07:15	3.80	5.80
07:15-07:30	4.13	6.47
07:30-07:45	2.93	6.13
07:45-08:00	6.80	8.73
08:00-08:15	12.07	10.47
08:15-08:30	18.93	12.13
08:30-08:45	40.93	17.53
08:45-09:00	34.53	15.80
09:00-09:15	31.87	17.07
09:15-09:30	4.73	14.40
09:30-09:45	1.80	7.13
09:45-10:00	2.87	7.53
10:00-10:15	8.53	15.40
10:15-10:30	29.93	7.87
10:30-10:45	3.60	7.40
10:45-11:00	1.53	7.47
11:00-11:15	1.67	7.13
11:15-11:30	1.13	10.13
11:30-11:45	10.07	7.27
11:45-12:00	6.73	7.67
12:00-12:15	14.20	7.07
12:15-12:30	1.80	7.93
12:30-12:45	2.07	7.93
12:45-13:00	7.87	7.47
13:00-13:15	31.13	9.25

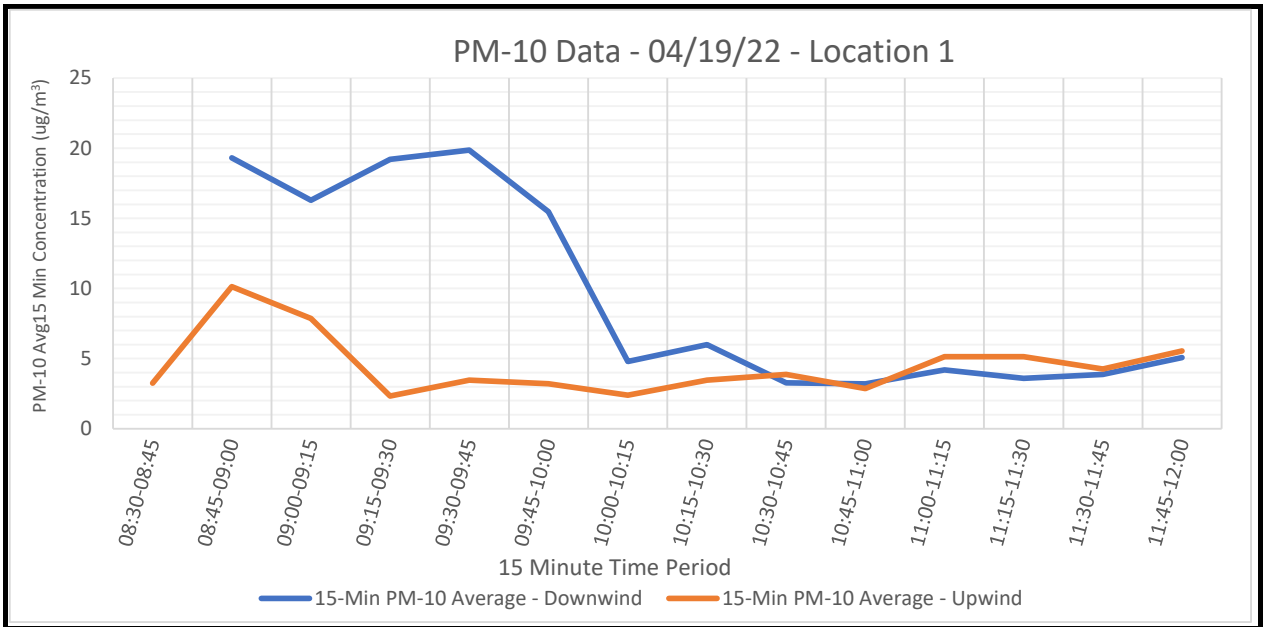
Daily CAMP Monitoring Results
Backflow Preventer



Monday, April 18, 2022

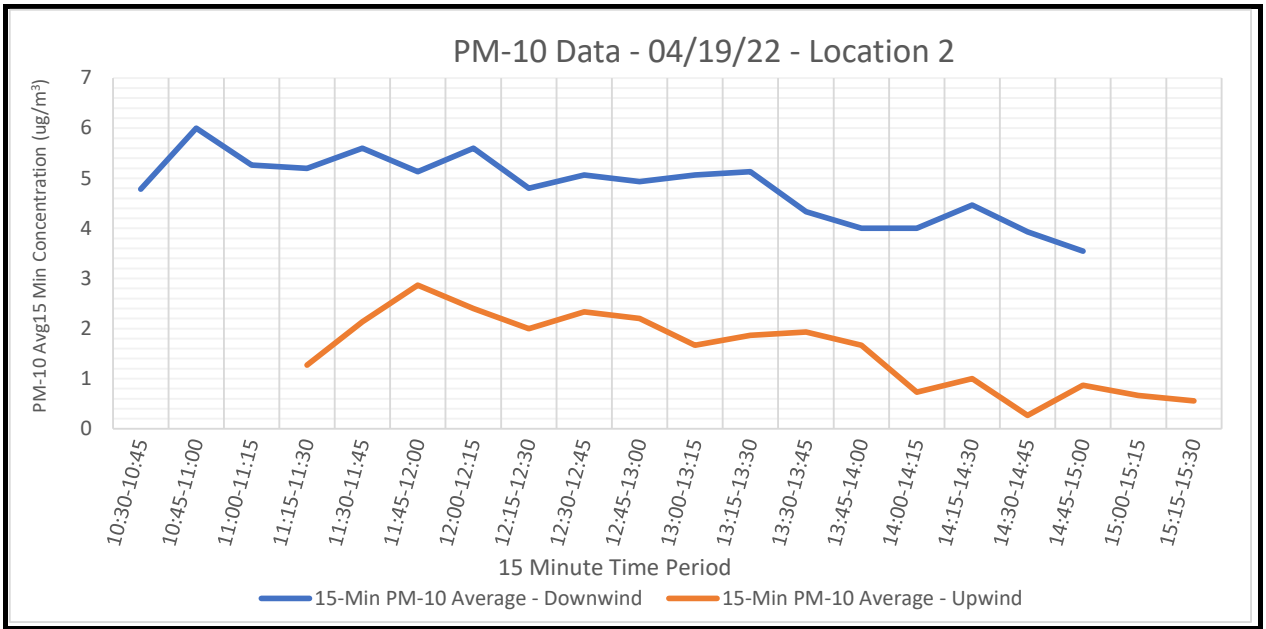
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:00-07:15	6.64	7.07
07:15-07:30	9.33	8.80
07:30-07:45	29.73	12.13
07:45-08:00	10.27	4.67
08:00-08:15	7.40	4.53
08:15-08:30	8.53	4.33
08:30-08:45	10.40	5.67
08:45-09:00	7.13	5.33
09:00-09:15	9.13	7.00
09:15-09:30	32.67	6.80
09:30-09:45	16.87	7.40
09:45-10:00	12.60	6.73
10:00-10:15	6.20	4.33
10:15-10:30	9.60	4.67
10:30-10:45	13.47	5.47
10:45-11:00	6.20	4.40
11:00-11:15	5.07	4.20
11:15-11:30	15.47	4.40
11:30-11:45	11.60	4.07
11:45-12:00	31.73	4.40
12:00-12:15	12.60	3.67
12:15-12:30	34.80	3.33
12:30-12:45	11.67	3.87
12:45-13:00	21.80	4.07
13:00-13:15	50.33	4.00
13:15-13:30	10.20	4.67
13:30-13:45	10.13	4.67
13:45-14:00	137.40	5.07
14:00-14:15	12.27	4.53
14:15-14:30	7.00	4.40

Daily CAMP Monitoring Results
Nassau Gas Works



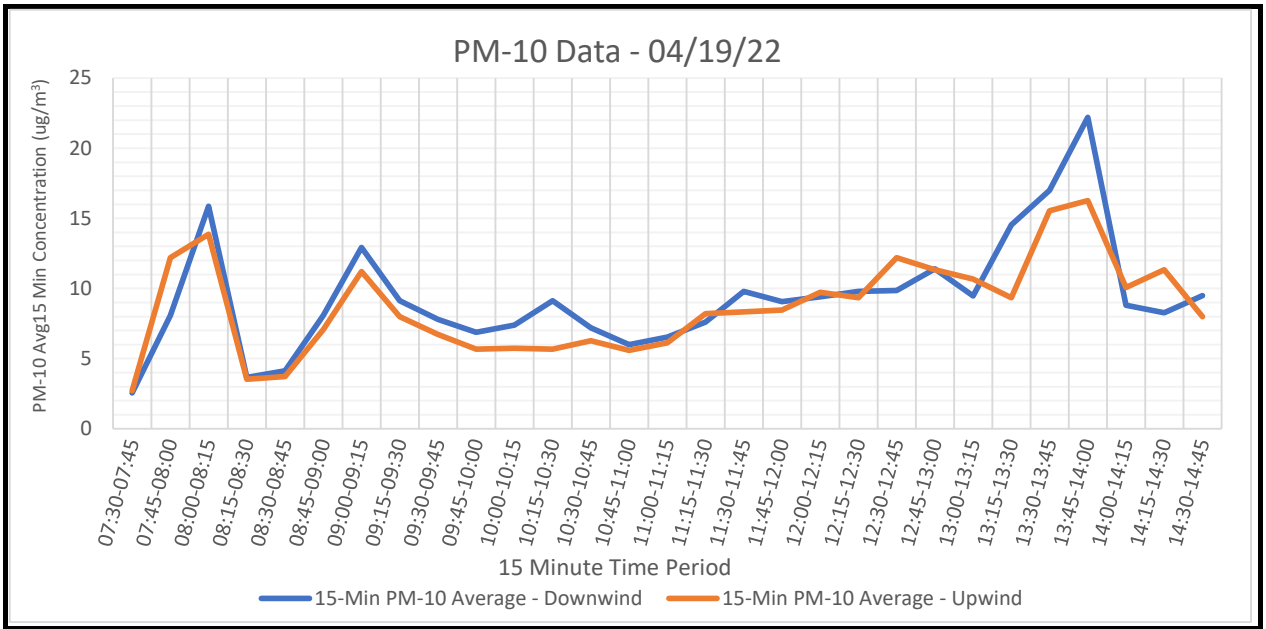
Tuesday, April 19, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45		3.25
08:45-09:00	19.31	10.13
09:00-09:15	16.29	7.86
09:15-09:30	19.20	2.33
09:30-09:45	19.87	3.47
09:45-10:00	15.47	3.20
10:00-10:15	4.80	2.40
10:15-10:30	6.00	3.47
10:30-10:45	3.27	3.87
10:45-11:00	3.20	2.87
11:00-11:15	4.20	5.13
11:15-11:30	3.60	5.13
11:30-11:45	3.87	4.27
11:45-12:00	5.07	5.56

Daily CAMP Monitoring Results
Nassau Gas Works



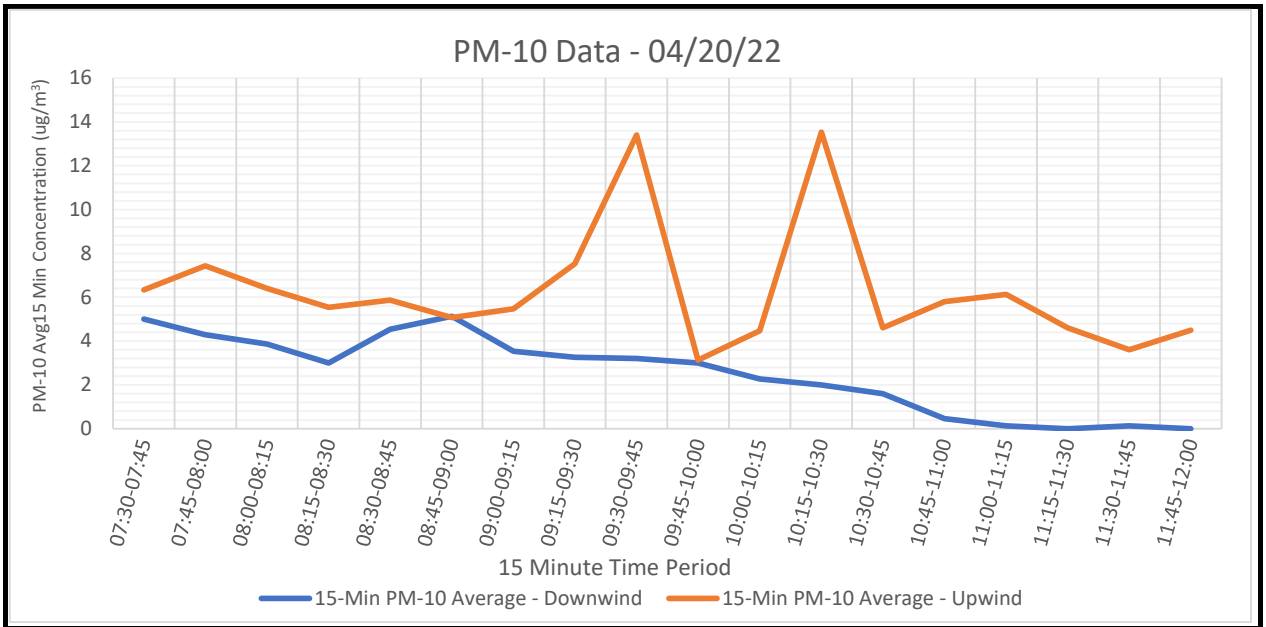
Tuesday, April 19, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
10:30-10:45	4.79	
10:45-11:00	6.00	
11:00-11:15	5.27	
11:15-11:30	5.20	1.27
11:30-11:45	5.60	2.13
11:45-12:00	5.13	2.87
12:00-12:15	5.60	2.40
12:15-12:30	4.80	2.00
12:30-12:45	5.07	2.33
12:45-13:00	4.93	2.20
13:00-13:15	5.07	1.67
13:15-13:30	5.13	1.87
13:30-13:45	4.33	1.93
13:45-14:00	4.00	1.67
14:00-14:15	4.00	0.73
14:15-14:30	4.47	1.00
14:30-14:45	3.93	0.27
14:45-15:00	3.55	0.87
15:00-15:15		0.67
15:15-15:30		0.56

Daily CAMP Monitoring Results
Backflow Preventer



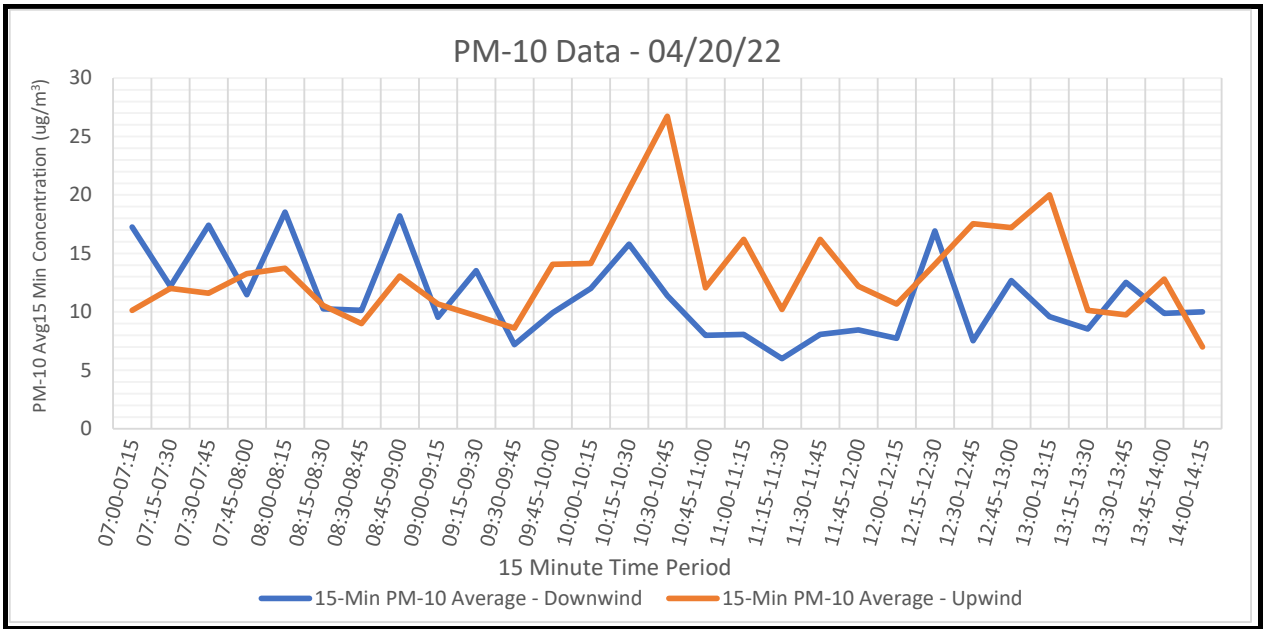
Tuesday, April 19, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:30-07:45	2.56	2.71
07:45-08:00	8.07	12.20
08:00-08:15	15.87	13.87
08:15-08:30	3.67	3.53
08:30-08:45	4.13	3.73
08:45-09:00	8.07	7.07
09:00-09:15	12.93	11.20
09:15-09:30	9.13	8.00
09:30-09:45	7.80	6.73
09:45-10:00	6.87	5.67
10:00-10:15	7.40	5.73
10:15-10:30	9.13	5.67
10:30-10:45	7.20	6.27
10:45-11:00	6.00	5.60
11:00-11:15	6.53	6.13
11:15-11:30	7.60	8.20
11:30-11:45	9.80	8.33
11:45-12:00	9.07	8.47
12:00-12:15	9.40	9.73
12:15-12:30	9.80	9.33
12:30-12:45	9.87	12.20
12:45-13:00	11.40	11.33
13:00-13:15	9.47	10.67
13:15-13:30	14.53	9.33
13:30-13:45	17.00	15.53
13:45-14:00	22.20	16.27
14:00-14:15	8.80	10.07
14:15-14:30	8.27	11.33
14:30-14:45	9.50	8.00

Daily CAMP Monitoring Results
Nassau Gas Works



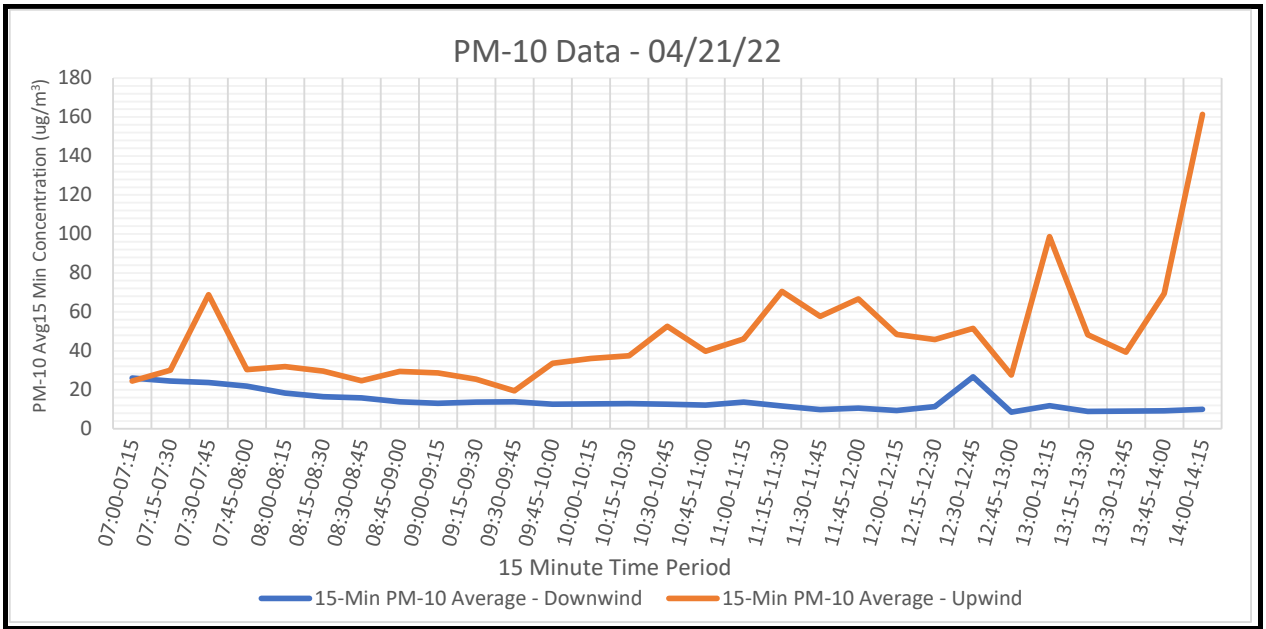
Wednesday, April 20, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:30-07:45	5.00	6.33
07:45-08:00	4.29	7.43
08:00-08:15	3.87	6.40
08:15-08:30	3.00	5.53
08:30-08:45	4.53	5.87
08:45-09:00	5.13	5.07
09:00-09:15	3.53	5.47
09:15-09:30	3.27	7.53
09:30-09:45	3.20	13.40
09:45-10:00	3.00	3.13
10:00-10:15	2.27	4.47
10:15-10:30	2.00	13.53
10:30-10:45	1.60	4.60
10:45-11:00	0.47	5.80
11:00-11:15	0.13	6.13
11:15-11:30		4.60
11:30-11:45	0.13	3.60
11:45-12:00		4.50

Daily CAMP Monitoring Results
Backflow Preventer



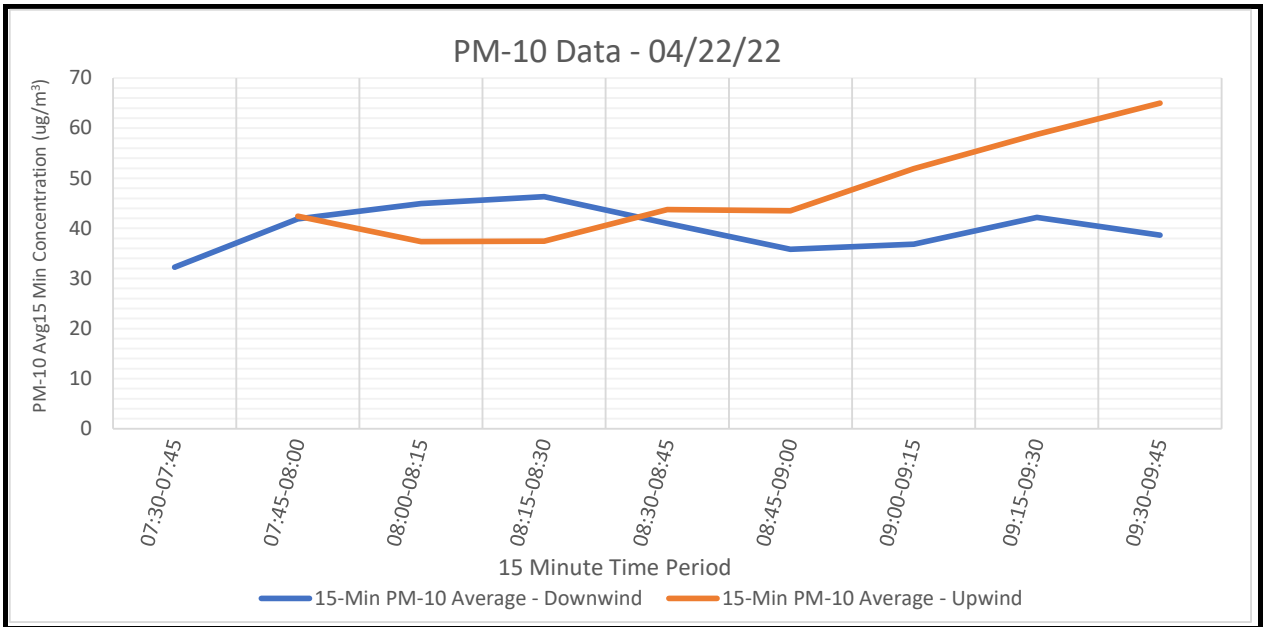
Wednesday, April 20, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	17.25	10.14
07:15-07:30	12.20	12.00
07:30-07:45	17.40	11.60
07:45-08:00	11.47	13.27
08:00-08:15	18.53	13.73
08:15-08:30	10.27	10.53
08:30-08:45	10.13	9.00
08:45-09:00	18.20	13.07
09:00-09:15	9.53	10.67
09:15-09:30	13.53	9.67
09:30-09:45	7.20	8.60
09:45-10:00	9.93	14.07
10:00-10:15	12.00	14.13
10:15-10:30	15.80	20.53
10:30-10:45	11.40	26.73
10:45-11:00	8.00	12.07
11:00-11:15	8.07	16.20
11:15-11:30	6.00	10.20
11:30-11:45	8.07	16.20
11:45-12:00	8.47	12.20
12:00-12:15	7.73	10.67
12:15-12:30	16.93	14.07
12:30-12:45	7.53	17.53
12:45-13:00	12.67	17.20
13:00-13:15	9.60	20.00
13:15-13:30	8.53	10.13
13:30-13:45	12.53	9.73
13:45-14:00	9.87	12.80
14:00-14:15	10.00	7.00

Daily CAMP Monitoring Results
Backflow Preventer



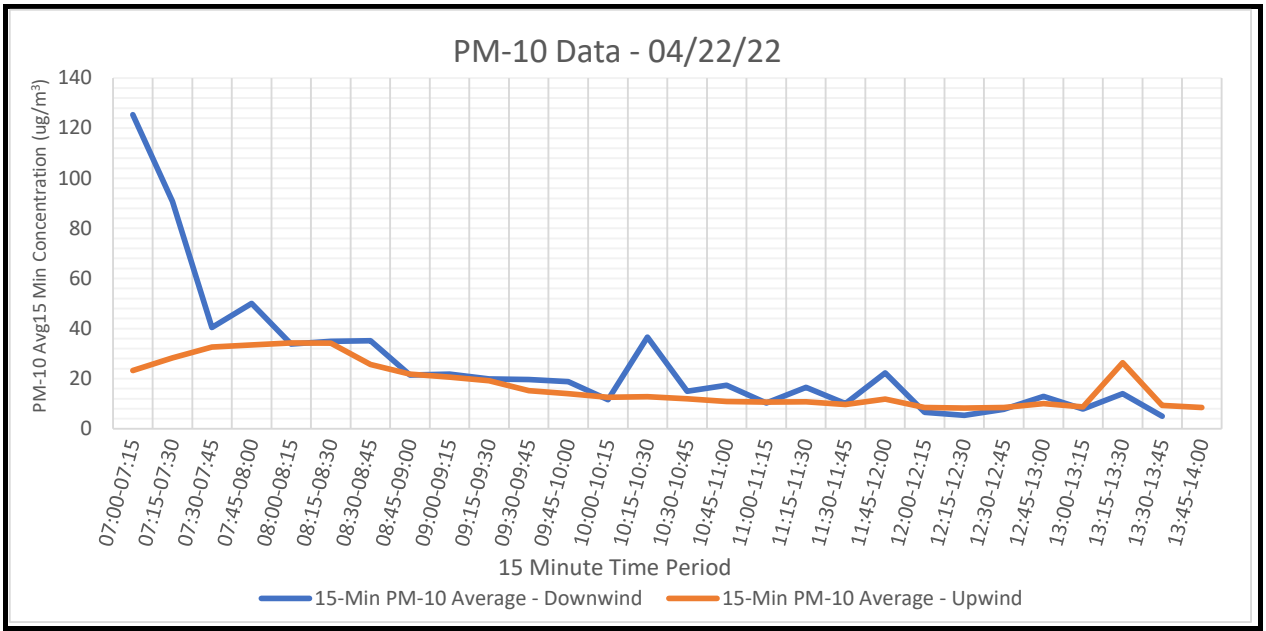
Thursday, April 21, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	26.00	24.50
07:15-07:30	24.53	30.07
07:30-07:45	23.73	68.87
07:45-08:00	21.80	30.33
08:00-08:15	18.33	31.87
08:15-08:30	16.53	29.53
08:30-08:45	15.87	24.60
08:45-09:00	13.80	29.40
09:00-09:15	13.07	28.67
09:15-09:30	13.73	25.47
09:30-09:45	13.87	19.47
09:45-10:00	12.67	33.67
10:00-10:15	12.80	36.07
10:15-10:30	12.93	37.47
10:30-10:45	12.60	52.67
10:45-11:00	12.20	39.80
11:00-11:15	13.67	46.07
11:15-11:30	11.67	70.53
11:30-11:45	9.87	57.73
11:45-12:00	10.60	66.67
12:00-12:15	9.33	48.40
12:15-12:30	11.40	45.80
12:30-12:45	26.67	51.47
12:45-13:00	8.53	27.60
13:00-13:15	11.87	98.60
13:15-13:30	8.93	48.20
13:30-13:45	9.07	39.33
13:45-14:00	9.27	69.47
14:00-14:15	10.00	161.38

Daily CAMP Monitoring Results
Nassau Gas Works



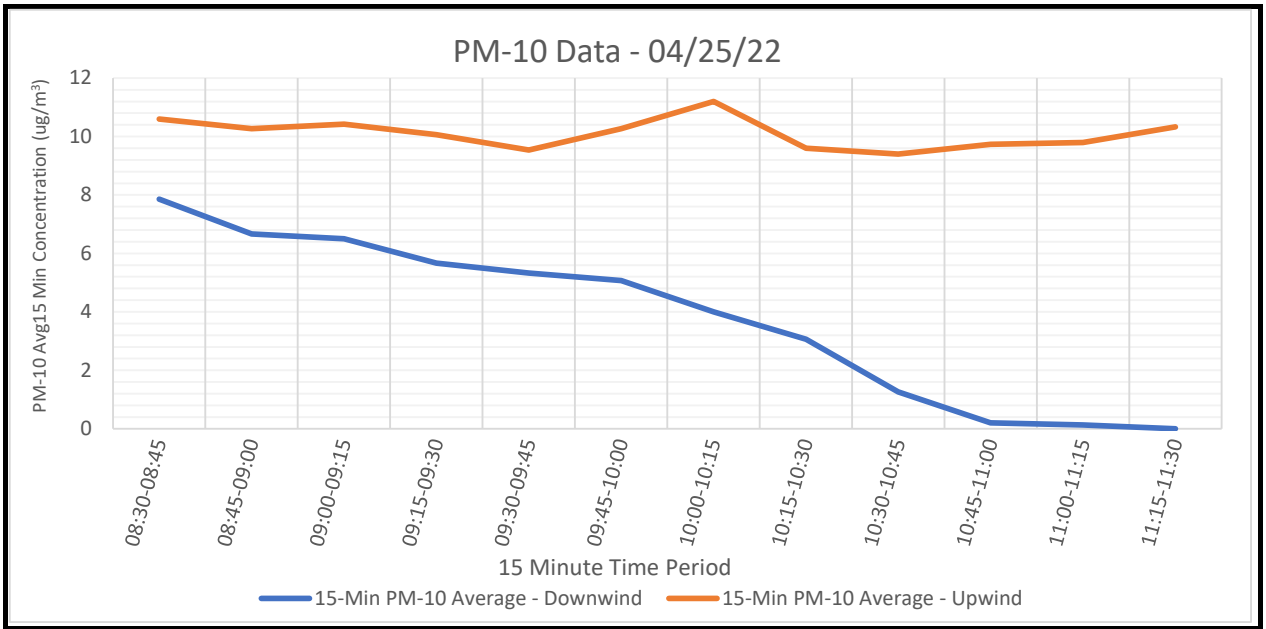
Wednesday, April 20, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:30-07:45	32.25	
07:45-08:00	41.87	42.43
08:00-08:15	44.93	37.36
08:15-08:30	46.33	37.47
08:30-08:45	41.00	43.73
08:45-09:00	35.80	43.53
09:00-09:15	36.87	51.93
09:15-09:30	42.20	58.73
09:30-09:45	38.67	65.00

Daily CAMP Monitoring Results
Backflow Preventer



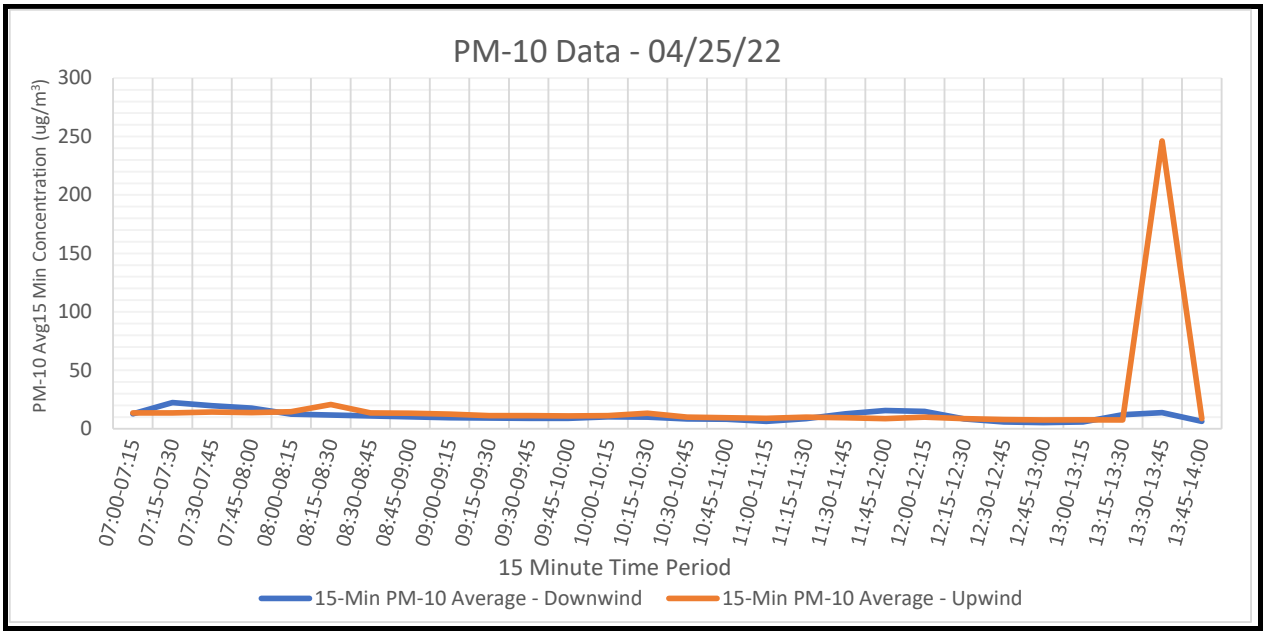
Friday, April 22, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	125.38	23.20
07:15-07:30	90.80	28.33
07:30-07:45	40.40	32.67
07:45-08:00	50.07	33.47
08:00-08:15	33.80	34.27
08:15-08:30	34.87	34.13
08:30-08:45	35.13	25.67
08:45-09:00	21.40	21.87
09:00-09:15	21.80	20.60
09:15-09:30	19.93	19.13
09:30-09:45	19.60	15.27
09:45-10:00	18.87	14.00
10:00-10:15	11.67	12.53
10:15-10:30	36.60	12.87
10:30-10:45	14.93	12.00
10:45-11:00	17.40	10.87
11:00-11:15	10.27	10.60
11:15-11:30	16.53	10.73
11:30-11:45	10.07	9.73
11:45-12:00	22.27	11.87
12:00-12:15	6.53	8.53
12:15-12:30	5.33	8.27
12:30-12:45	7.73	8.53
12:45-13:00	12.93	10.07
13:00-13:15	7.87	8.67
13:15-13:30	14.07	26.33
13:30-13:45	5.00	9.33
13:45-14:00		8.50

Daily CAMP Monitoring Results
Nassau Gas Works



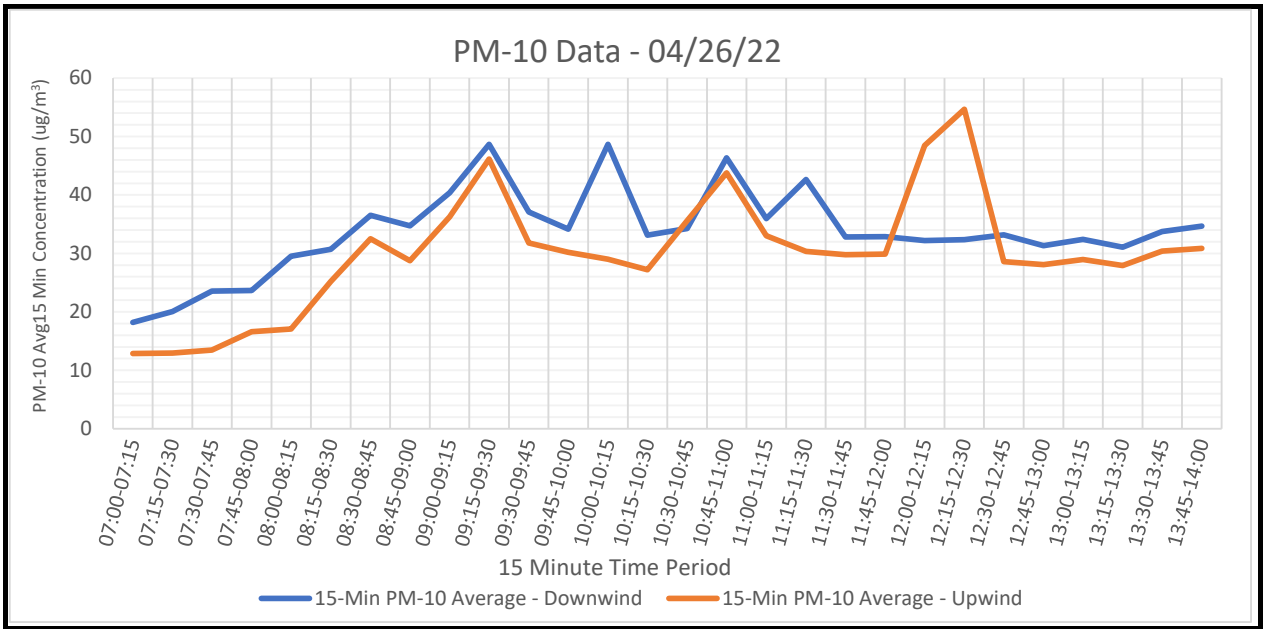
Monday, April 25, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	7.86	10.60
08:45-09:00	6.67	10.27
09:00-09:15	6.50	10.43
09:15-09:30	5.67	10.07
09:30-09:45	5.33	9.53
09:45-10:00	5.07	10.27
10:00-10:15	4.00	11.20
10:15-10:30	3.07	9.60
10:30-10:45	1.27	9.40
10:45-11:00	0.20	9.73
11:00-11:15	0.13	9.80
11:15-11:30		10.33

Daily CAMP Monitoring Results
Backflow Preventer



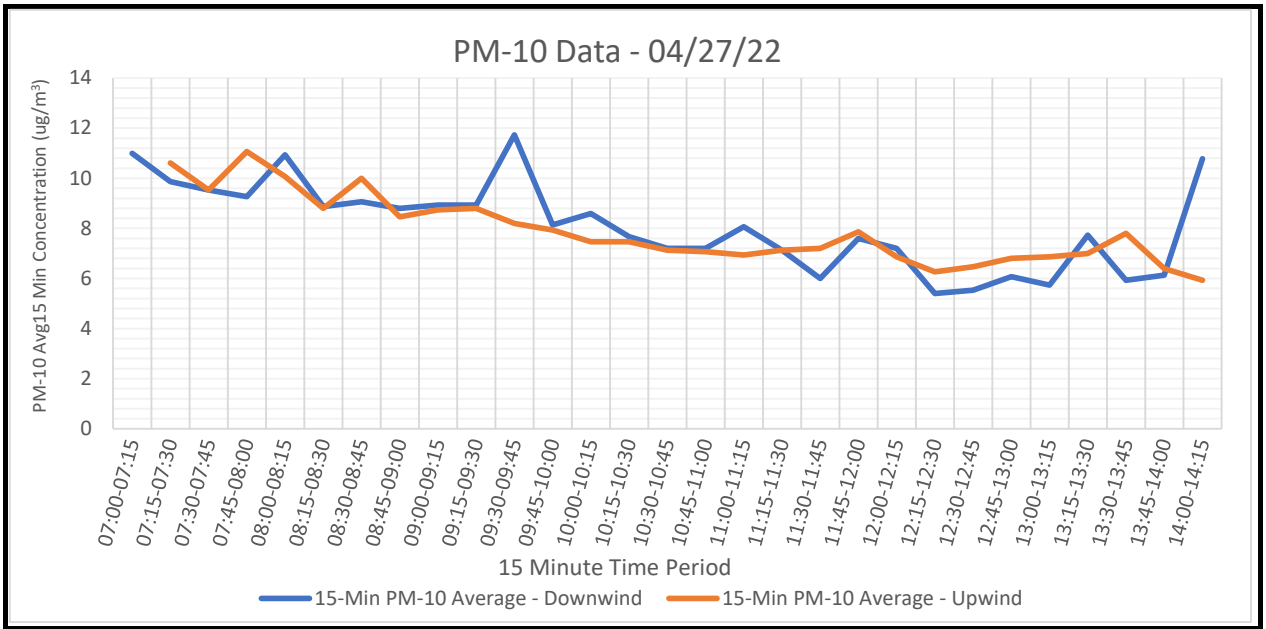
Monday, April 25, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	12.75	13.50
07:15-07:30	22.40	13.67
07:30-07:45	19.73	14.33
07:45-08:00	17.67	13.80
08:00-08:15	12.60	14.53
08:15-08:30	11.80	20.80
08:30-08:45	10.93	13.67
08:45-09:00	10.27	13.20
09:00-09:15	9.40	12.53
09:15-09:30	9.27	11.13
09:30-09:45	8.80	11.20
09:45-10:00	8.80	11.00
10:00-10:15	10.20	11.13
10:15-10:30	9.87	13.40
10:30-10:45	8.40	9.93
10:45-11:00	8.07	9.53
11:00-11:15	6.47	8.87
11:15-11:30	8.73	10.07
11:30-11:45	12.80	9.53
11:45-12:00	15.53	8.73
12:00-12:15	14.87	9.87
12:15-12:30	8.40	8.73
12:30-12:45	5.73	7.93
12:45-13:00	5.27	7.53
13:00-13:15	5.73	7.67
13:15-13:30	12.07	7.53
13:30-13:45	13.93	246.20
13:45-14:00	6.44	8.73

Daily CAMP Monitoring Results
Backflow Preventer



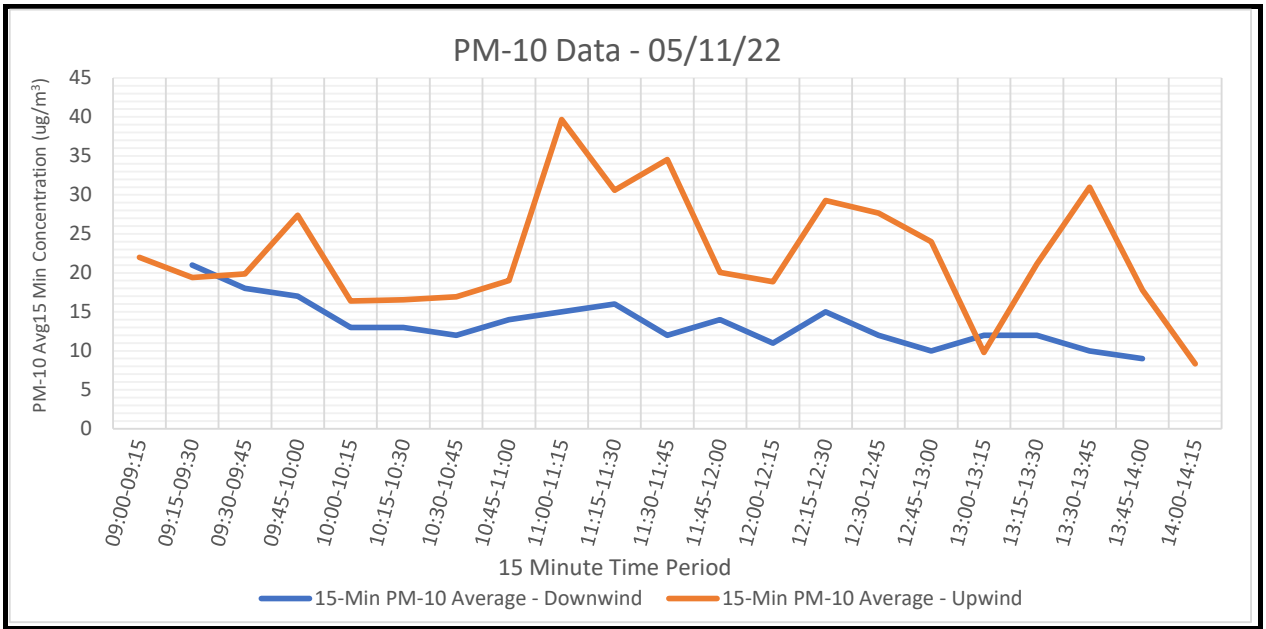
Tuesday, April 26, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	18.20	12.88
07:15-07:30	20.07	12.93
07:30-07:45	23.53	13.47
07:45-08:00	23.67	16.60
08:00-08:15	29.53	17.07
08:15-08:30	30.73	25.20
08:30-08:45	36.53	32.53
08:45-09:00	34.73	28.73
09:00-09:15	40.40	36.27
09:15-09:30	48.67	46.13
09:30-09:45	37.07	31.80
09:45-10:00	34.13	30.20
10:00-10:15	48.67	29.00
10:15-10:30	33.13	27.20
10:30-10:45	34.27	35.60
10:45-11:00	46.33	43.80
11:00-11:15	35.93	33.00
11:15-11:30	42.67	30.33
11:30-11:45	32.80	29.80
11:45-12:00	32.87	29.87
12:00-12:15	32.20	48.47
12:15-12:30	32.33	54.67
12:30-12:45	33.20	28.60
12:45-13:00	31.33	28.07
13:00-13:15	32.40	28.93
13:15-13:30	31.07	27.93
13:30-13:45	33.73	30.40
13:45-14:00	34.67	30.86

Daily CAMP Monitoring Results
Backflow Preventer



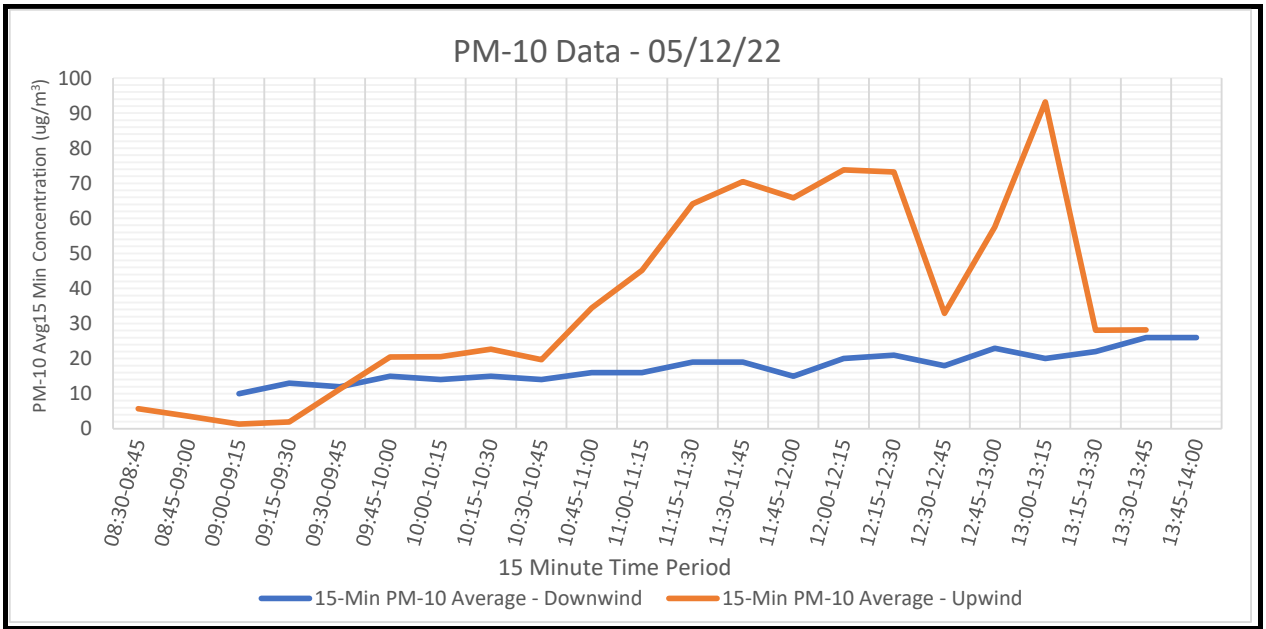
Wednesday, April 27, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	11.00	
07:15-07:30	9.87	10.62
07:30-07:45	9.53	9.53
07:45-08:00	9.27	11.07
08:00-08:15	10.93	10.07
08:15-08:30	8.87	8.80
08:30-08:45	9.07	10.00
08:45-09:00	8.80	8.47
09:00-09:15	8.93	8.73
09:15-09:30	8.93	8.80
09:30-09:45	11.73	8.20
09:45-10:00	8.13	7.93
10:00-10:15	8.60	7.47
10:15-10:30	7.67	7.47
10:30-10:45	7.20	7.13
10:45-11:00	7.20	7.07
11:00-11:15	8.07	6.93
11:15-11:30	7.13	7.13
11:30-11:45	6.00	7.20
11:45-12:00	7.60	7.87
12:00-12:15	7.20	6.87
12:15-12:30	5.40	6.27
12:30-12:45	5.53	6.47
12:45-13:00	6.07	6.80
13:00-13:15	5.73	6.87
13:15-13:30	7.73	7.00
13:30-13:45	5.93	7.80
13:45-14:00	6.13	6.40
14:00-14:15	10.79	5.93

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



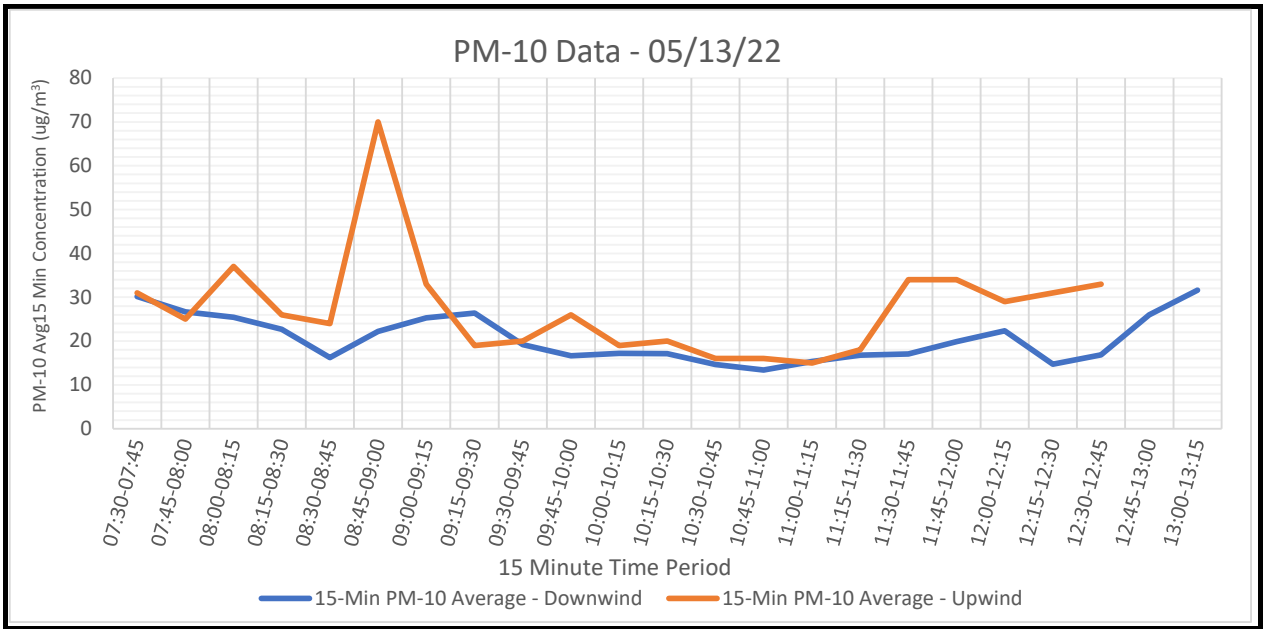
Wednesday, May 11, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:00-09:15		22.00
09:15-09:30	21.00	19.40
09:30-09:45	18.00	19.87
09:45-10:00	17.00	27.40
10:00-10:15	13.00	16.40
10:15-10:30	13.00	16.53
10:30-10:45	12.00	16.93
10:45-11:00	14.00	19.00
11:00-11:15	15.00	39.67
11:15-11:30	16.00	30.60
11:30-11:45	12.00	34.53
11:45-12:00	14.00	20.07
12:00-12:15	11.00	18.87
12:15-12:30	15.00	29.27
12:30-12:45	12.00	27.67
12:45-13:00	10.00	24.00
13:00-13:15	12.00	9.80
13:15-13:30	12.00	21.13
13:30-13:45	10.00	31.00
13:45-14:00	9.00	17.80
14:00-14:15		8.33

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



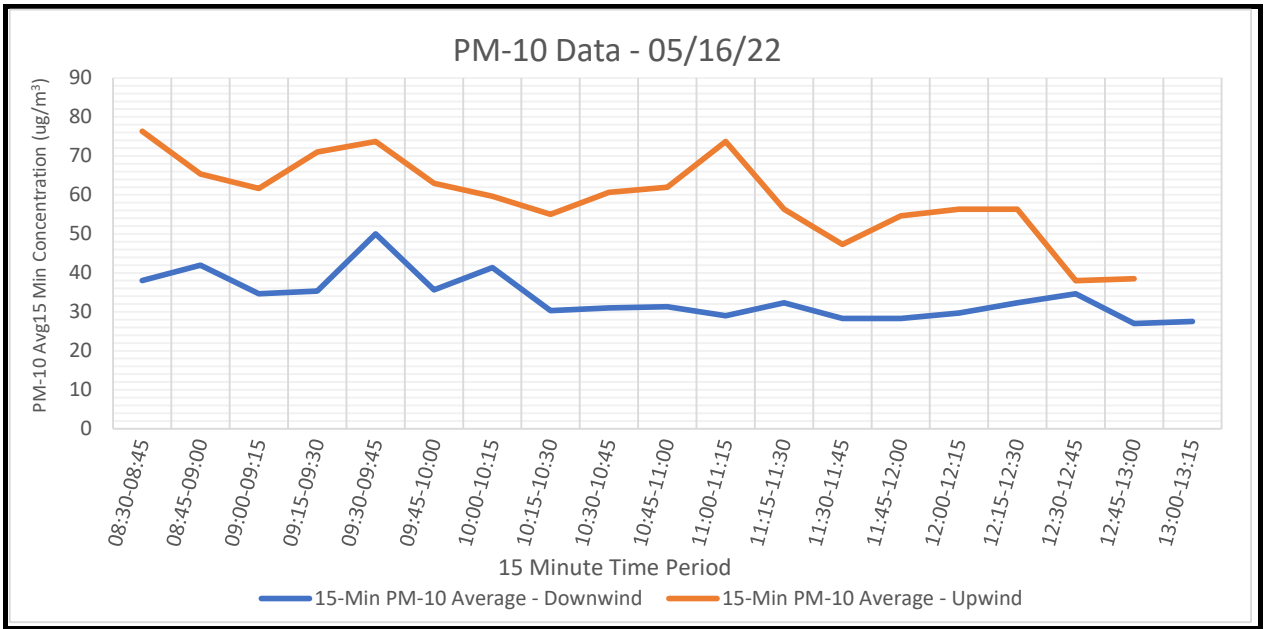
Thursday, May 12, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45		5.75
08:45-09:00		3.60
09:00-09:15	10.00	1.33
09:15-09:30	13.00	1.93
09:30-09:45	12.00	11.27
09:45-10:00	15.00	20.47
10:00-10:15	14.00	20.53
10:15-10:30	15.00	22.73
10:30-10:45	14.00	19.73
10:45-11:00	16.00	34.47
11:00-11:15	16.00	45.20
11:15-11:30	19.00	64.13
11:30-11:45	19.00	70.47
11:45-12:00	15.00	65.87
12:00-12:15	20.00	73.87
12:15-12:30	21.00	73.27
12:30-12:45	18.00	32.87
12:45-13:00	23.00	57.53
13:00-13:15	20.00	93.20
13:15-13:30	22.00	28.07
13:30-13:45	26.00	28.17
13:45-14:00	26.00	

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



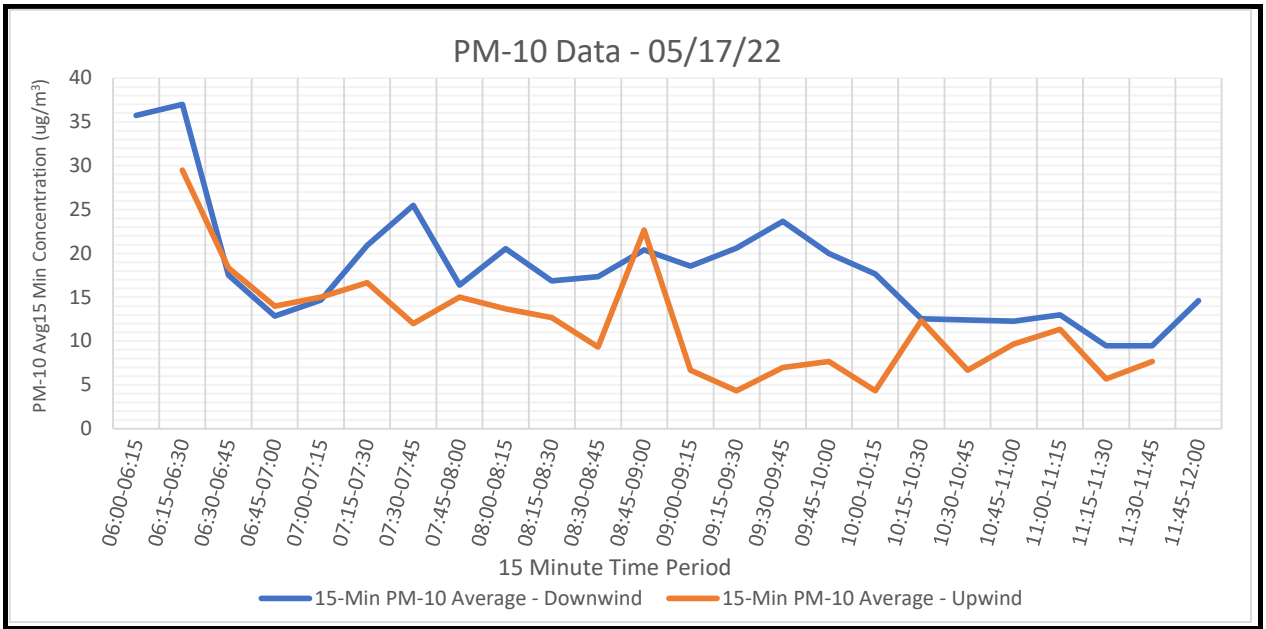
Friday, May 13, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:30-07:45	30.17	31.00
07:45-08:00	26.67	25.00
08:00-08:15	25.47	37.00
08:15-08:30	22.67	26.00
08:30-08:45	16.27	24.00
08:45-09:00	22.20	70.00
09:00-09:15	25.27	33.00
09:15-09:30	26.40	19.00
09:30-09:45	19.20	20.00
09:45-10:00	16.67	26.00
10:00-10:15	17.20	19.00
10:15-10:30	17.13	20.00
10:30-10:45	14.67	16.00
10:45-11:00	13.40	16.00
11:00-11:15	15.33	15.00
11:15-11:30	16.80	18.00
11:30-11:45	17.07	34.00
11:45-12:00	19.87	34.00
12:00-12:15	22.33	29.00
12:15-12:30	14.73	31.00
12:30-12:45	16.87	33.00
12:45-13:00	26.00	
13:00-13:15	31.62	

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



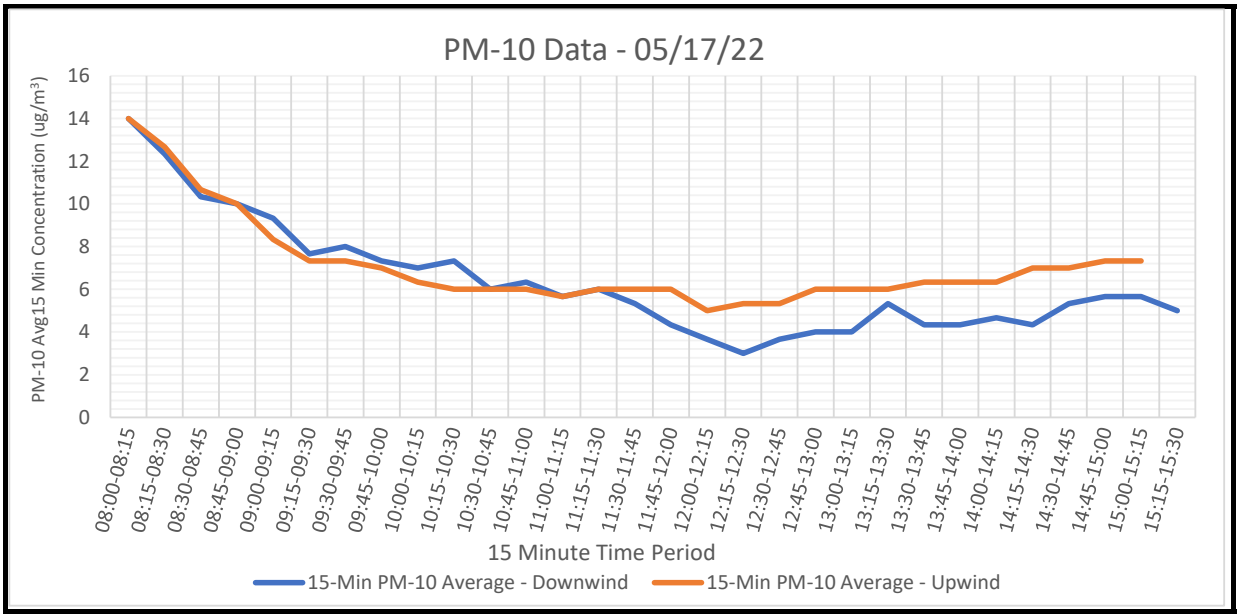
Monday, May 16, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	38.00	76.33
08:45-09:00	42.00	65.33
09:00-09:15	34.67	61.67
09:15-09:30	35.33	71.00
09:30-09:45	50.00	73.67
09:45-10:00	35.67	63.00
10:00-10:15	41.33	59.67
10:15-10:30	30.33	55.00
10:30-10:45	31.00	60.67
10:45-11:00	31.33	62.00
11:00-11:15	29.00	73.67
11:15-11:30	32.33	56.33
11:30-11:45	28.33	47.33
11:45-12:00	28.33	54.67
12:00-12:15	29.67	56.33
12:15-12:30	32.33	56.33
12:30-12:45	34.67	38.00
12:45-13:00	27.00	38.50
13:00-13:15	27.50	

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



Tuesday, May 17, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
06:00-06:15	35.75	
06:15-06:30	37.00	29.50
06:30-06:45	17.53	18.33
06:45-07:00	12.87	14.00
07:00-07:15	14.67	15.00
07:15-07:30	20.93	16.67
07:30-07:45	25.47	12.00
07:45-08:00	16.40	15.00
08:00-08:15	20.53	13.67
08:15-08:30	16.87	12.67
08:30-08:45	17.33	9.33
08:45-09:00	20.40	22.67
09:00-09:15	18.53	6.67
09:15-09:30	20.60	4.33
09:30-09:45	23.67	7.00
09:45-10:00	20.00	7.67
10:00-10:15	17.67	4.33
10:15-10:30	12.53	12.33
10:30-10:45	12.40	6.67
10:45-11:00	12.27	9.67
11:00-11:15	13.00	11.33
11:15-11:30	9.47	5.67
11:30-11:45	9.47	7.67
11:45-12:00	14.60	

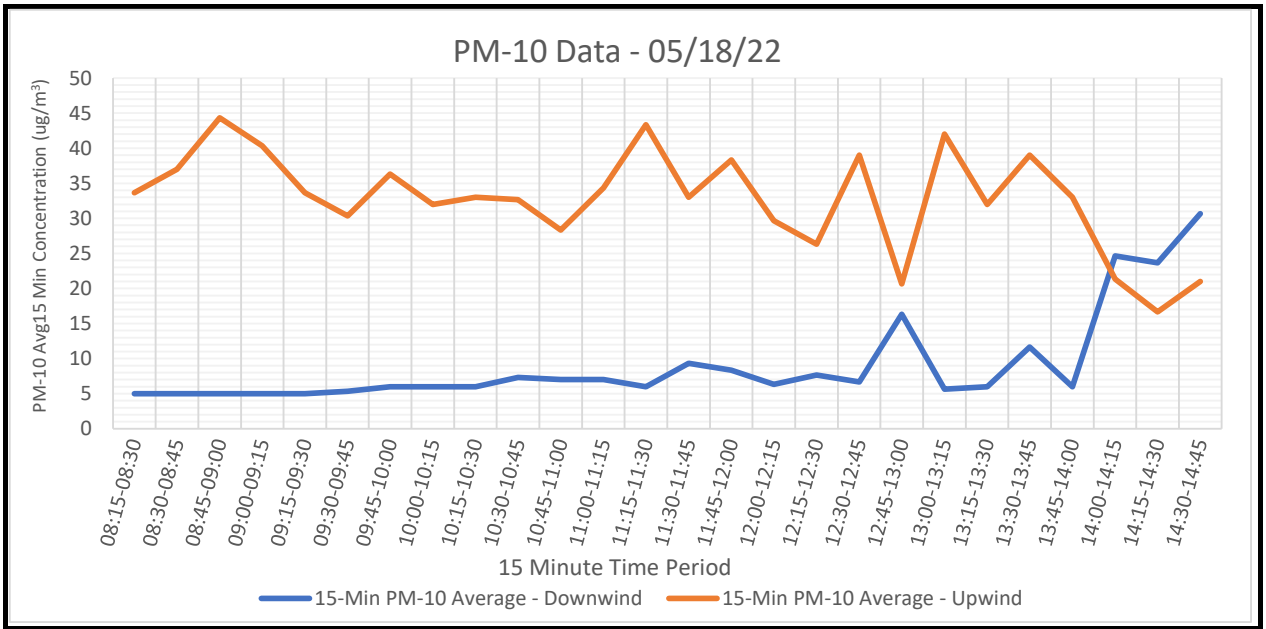
Daily CAMP Monitoring Results
Backflow Preventer



Tuesday, May 17, 2022

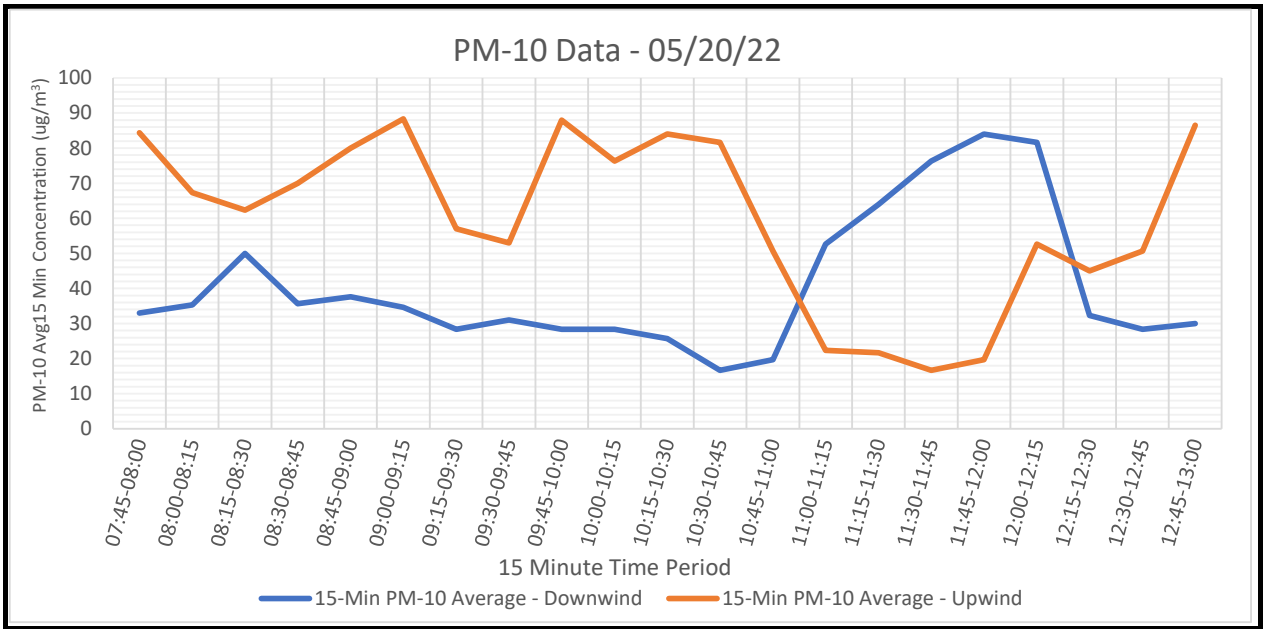
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:00-08:15	14.00	14.00
08:15-08:30	12.33	12.67
08:30-08:45	10.33	10.67
08:45-09:00	10.00	10.00
09:00-09:15	9.33	8.33
09:15-09:30	7.67	7.33
09:30-09:45	8.00	7.33
09:45-10:00	7.33	7.00
10:00-10:15	7.00	6.33
10:15-10:30	7.33	6.00
10:30-10:45	6.00	6.00
10:45-11:00	6.33	6.00
11:00-11:15	5.67	5.67
11:15-11:30	6.00	6.00
11:30-11:45	5.33	6.00
11:45-12:00	4.33	6.00
12:00-12:15	3.67	5.00
12:15-12:30	3.00	5.33
12:30-12:45	3.67	5.33
12:45-13:00	4.00	6.00
13:00-13:15	4.00	6.00
13:15-13:30	5.33	6.00
13:30-13:45	4.33	6.33
13:45-14:00	4.33	6.33
14:00-14:15	4.67	6.33
14:15-14:30	4.33	7.00
14:30-14:45	5.33	7.00
14:45-15:00	5.67	7.33
15:00-15:15	5.67	7.33
15:15-15:30	5.00	

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



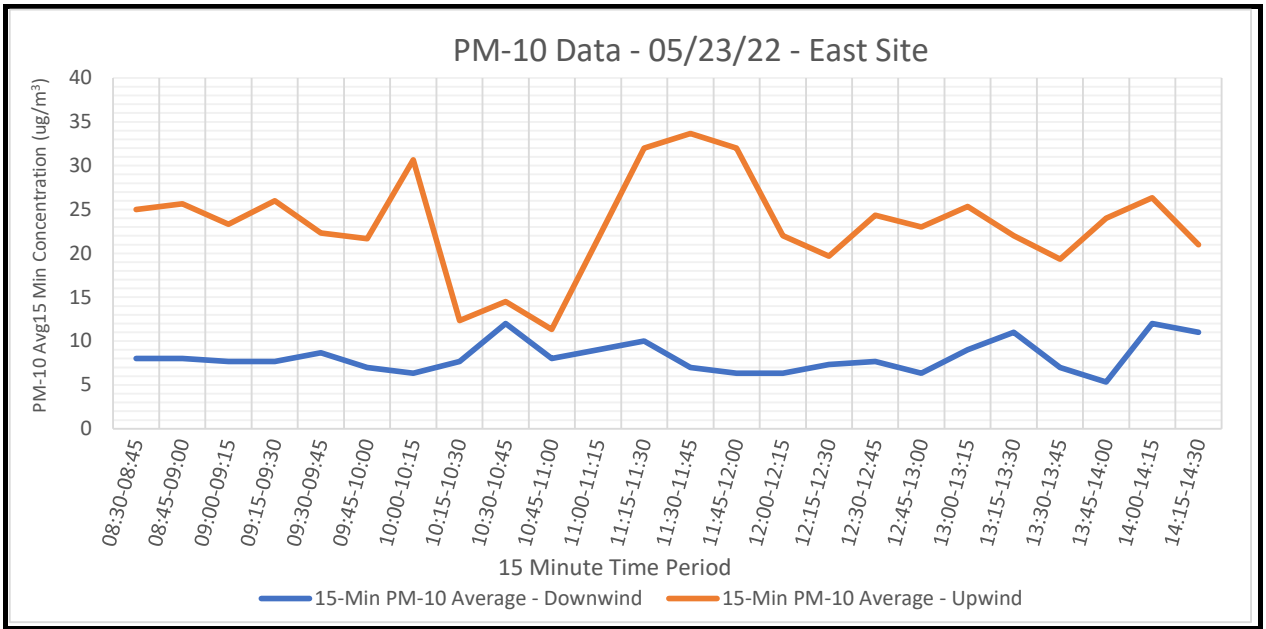
Wednesday, May 18, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	5.00	33.67
08:30-08:45	5.00	37.00
08:45-09:00	5.00	44.33
09:00-09:15	5.00	40.33
09:15-09:30	5.00	33.67
09:30-09:45	5.33	30.33
09:45-10:00	6.00	36.33
10:00-10:15	6.00	32.00
10:15-10:30	6.00	33.00
10:30-10:45	7.33	32.67
10:45-11:00	7.00	28.33
11:00-11:15	7.00	34.33
11:15-11:30	6.00	43.33
11:30-11:45	9.33	33.00
11:45-12:00	8.33	38.33
12:00-12:15	6.33	29.67
12:15-12:30	7.67	26.33
12:30-12:45	6.67	39.00
12:45-13:00	16.33	20.67
13:00-13:15	5.67	42.00
13:15-13:30	6.00	32.00
13:30-13:45	11.67	39.00
13:45-14:00	6.00	33.00
14:00-14:15	24.67	21.33
14:15-14:30	23.67	16.67

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



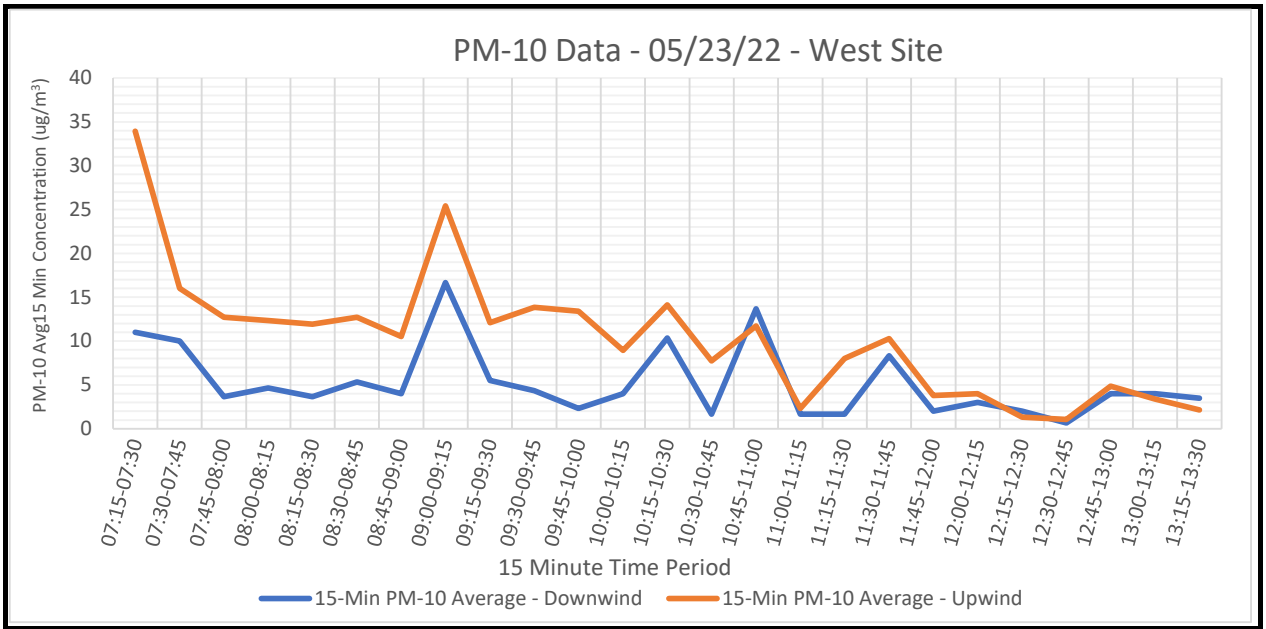
Friday, May 20, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00	33.00	84.33
08:00-08:15	35.33	67.33
08:15-08:30	50.00	62.33
08:30-08:45	35.67	70.00
08:45-09:00	37.67	80.00
09:00-09:15	34.67	88.33
09:15-09:30	28.33	57.00
09:30-09:45	31.00	53.00
09:45-10:00	28.33	88.00
10:00-10:15	28.33	76.33
10:15-10:30	25.67	84.00
10:30-10:45	16.67	81.67
10:45-11:00	19.67	50.67
11:00-11:15	52.67	22.33
11:15-11:30	64.00	21.67
11:30-11:45	76.33	16.67
11:45-12:00	84.00	19.67
12:00-12:15	81.67	52.67
12:15-12:30	32.33	45.00
12:30-12:45	28.33	50.67
12:45-13:00	30.00	86.50

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



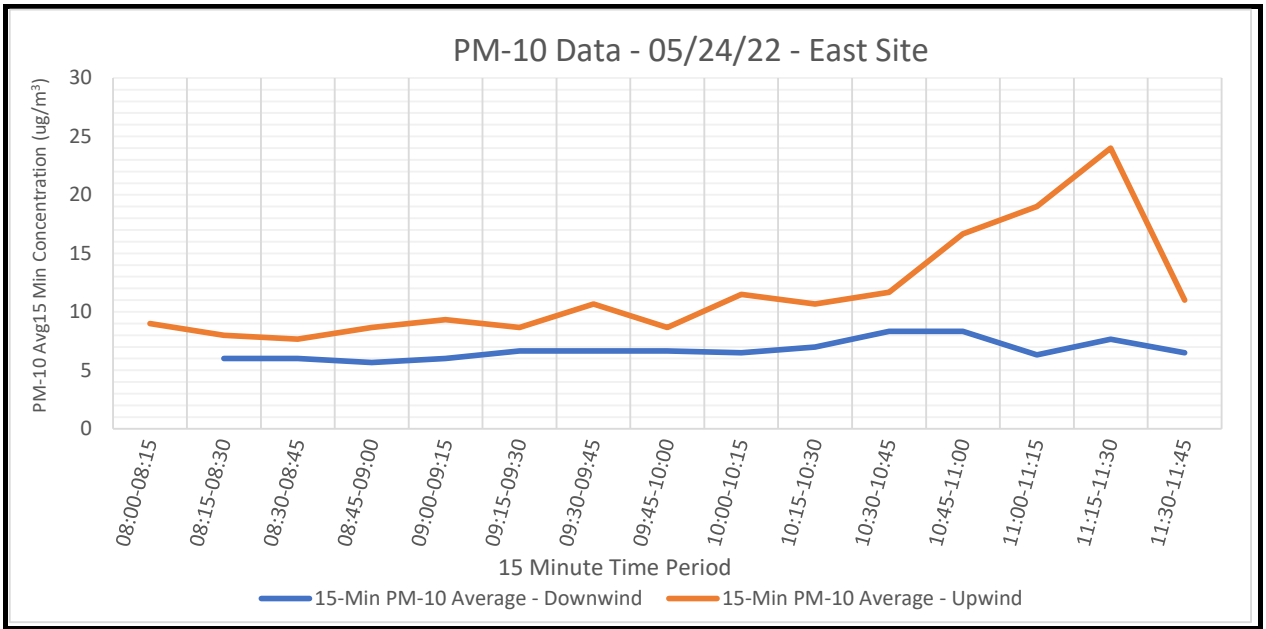
Monday, May 23, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	8.00	25.00
08:45-09:00	8.00	25.67
09:00-09:15	7.67	23.33
09:15-09:30	7.67	26.00
09:30-09:45	8.67	22.33
09:45-10:00	7.00	21.67
10:00-10:15	6.33	30.67
10:15-10:30	7.67	12.33
10:30-10:45	12.00	14.50
10:45-11:00	8.00	11.33
11:00-11:15	9.00	21.67
11:15-11:30	10.00	32.00
11:30-11:45	7.00	33.67
11:45-12:00	6.33	32.00
12:00-12:15	6.33	22.00
12:15-12:30	7.33	19.67
12:30-12:45	7.67	24.33
12:45-13:00	6.33	23.00
13:00-13:15	9.00	25.33
13:15-13:30	11.00	22.00
13:30-13:45	7.00	19.33
13:45-14:00	5.33	24.00
14:00-14:15	12.00	26.33
14:15-14:30	11.00	21.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



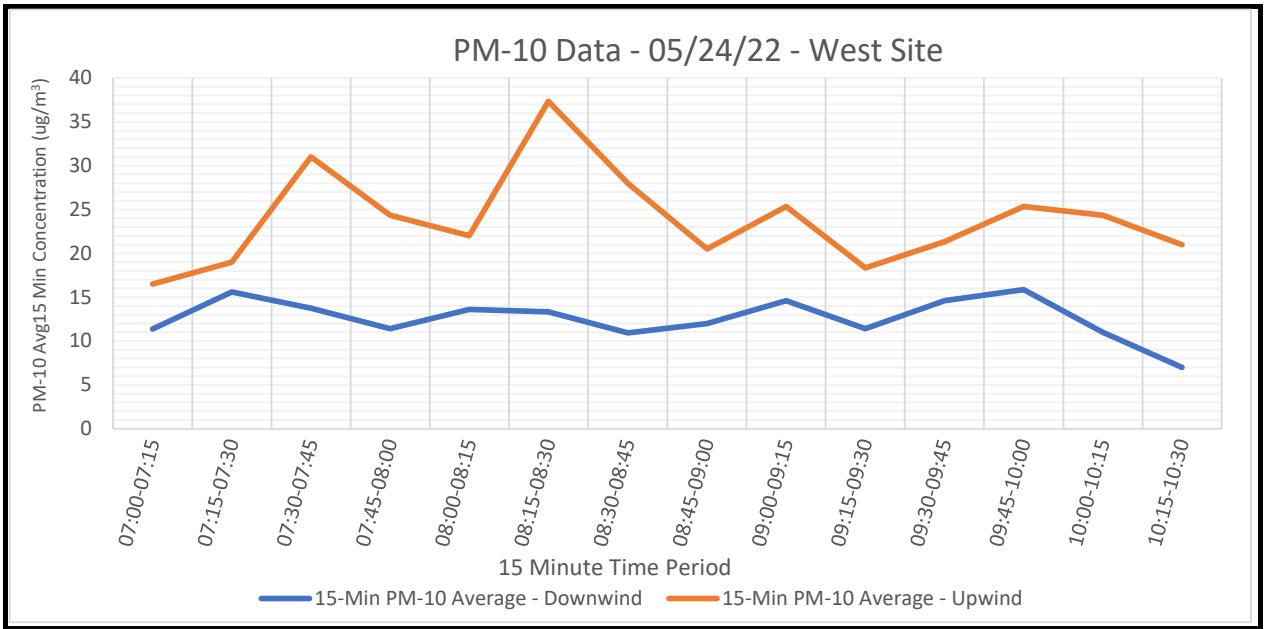
Monday, May 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30	11.00	33.93
07:30-07:45	10.00	16.00
07:45-08:00	3.67	12.73
08:00-08:15	4.67	12.33
08:15-08:30	3.67	11.93
08:30-08:45	5.33	12.73
08:45-09:00	4.00	10.53
09:00-09:15	16.67	25.40
09:15-09:30	5.50	12.10
09:30-09:45	4.33	13.87
09:45-10:00	2.33	13.40
10:00-10:15	4.00	8.93
10:15-10:30	10.33	14.13
10:30-10:45	1.67	7.73
10:45-11:00	13.67	11.73
11:00-11:15	1.67	2.33
11:15-11:30	1.67	8.00
11:30-11:45	8.33	10.27
11:45-12:00	2.00	3.80
12:00-12:15	3.00	4.00
12:15-12:30	2.00	1.33
12:30-12:45	0.67	1.07
12:45-13:00	4.00	4.87
13:00-13:15	4.00	3.40
13:15-13:30	3.50	2.17

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



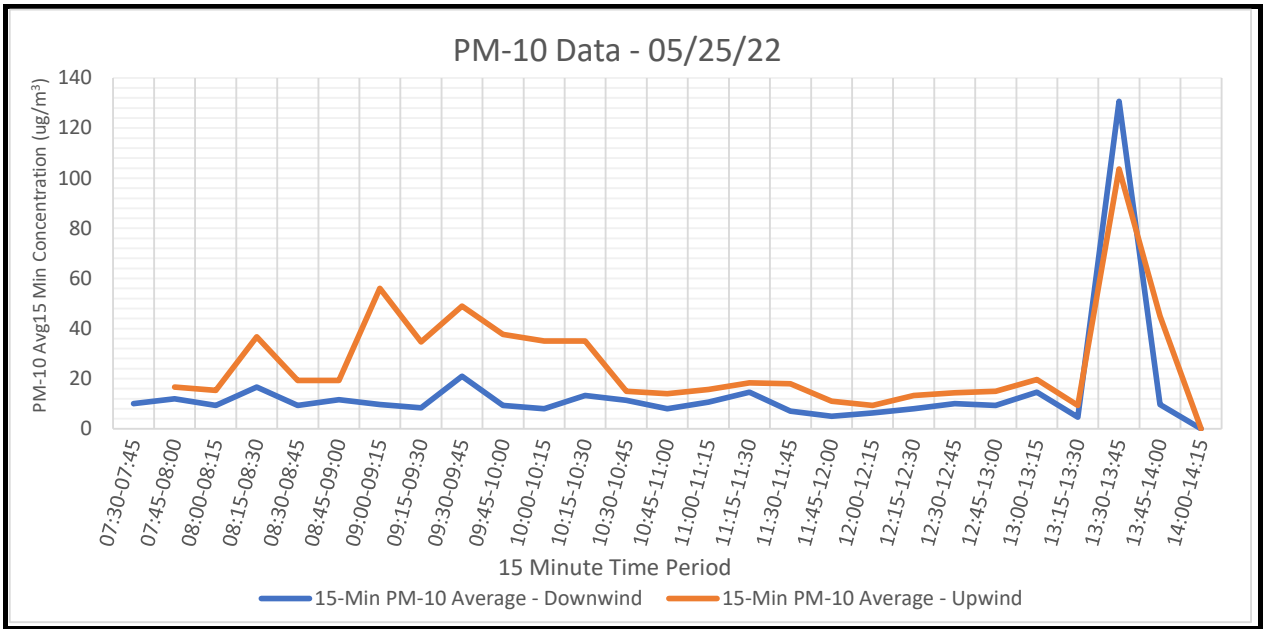
Tuesday, May 24, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15		9.00
08:15-08:30	6.00	8.00
08:30-08:45	6.00	7.67
08:45-09:00	5.67	8.67
09:00-09:15	6.00	9.33
09:15-09:30	6.67	8.67
09:30-09:45	6.67	10.67
09:45-10:00	6.67	8.67
10:00-10:15	6.50	11.50
10:15-10:30	7.00	10.67
10:30-10:45	8.33	11.67
10:45-11:00	8.33	16.67
11:00-11:15	6.33	19.00
11:15-11:30	7.67	24.00
11:30-11:45	6.50	11.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



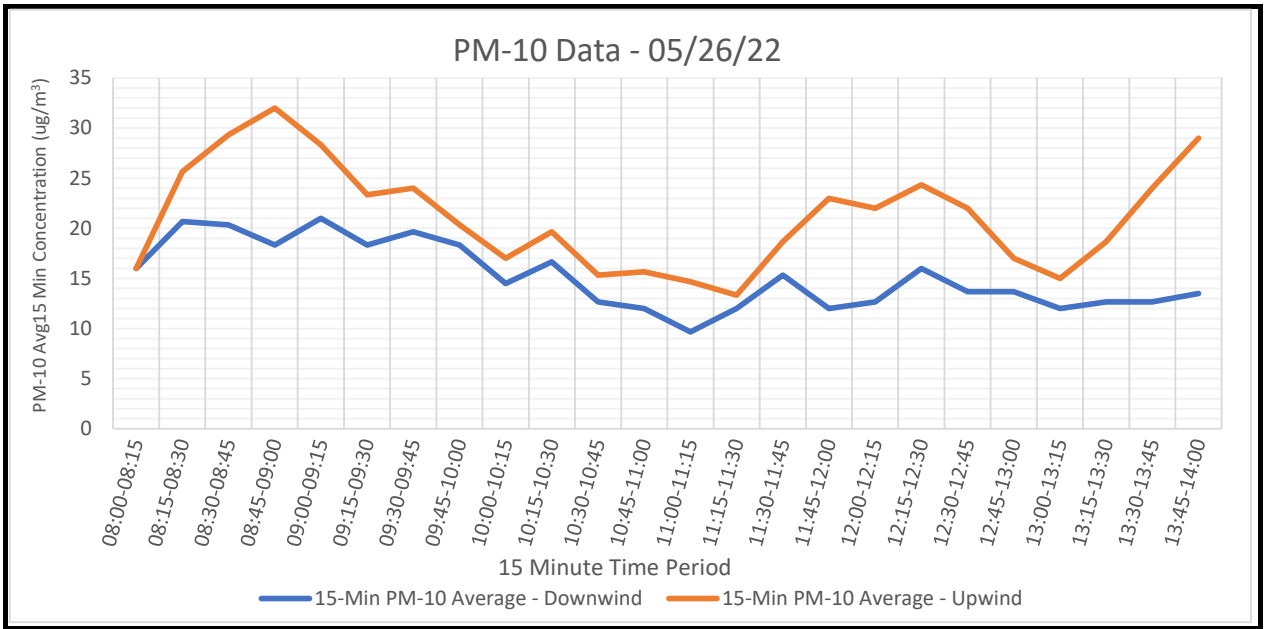
Tuesday, May 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	11.37	16.50
07:15-07:30	15.60	19.00
07:30-07:45	13.73	31.00
07:45-08:00	11.40	24.33
08:00-08:15	13.60	22.00
08:15-08:30	13.33	37.33
08:30-08:45	10.93	28.00
08:45-09:00	12.00	20.50
09:00-09:15	14.60	25.33
09:15-09:30	11.40	18.33
09:30-09:45	14.60	21.33
09:45-10:00	15.87	25.33
10:00-10:15	11.00	24.33
10:15-10:30	7.00	21.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



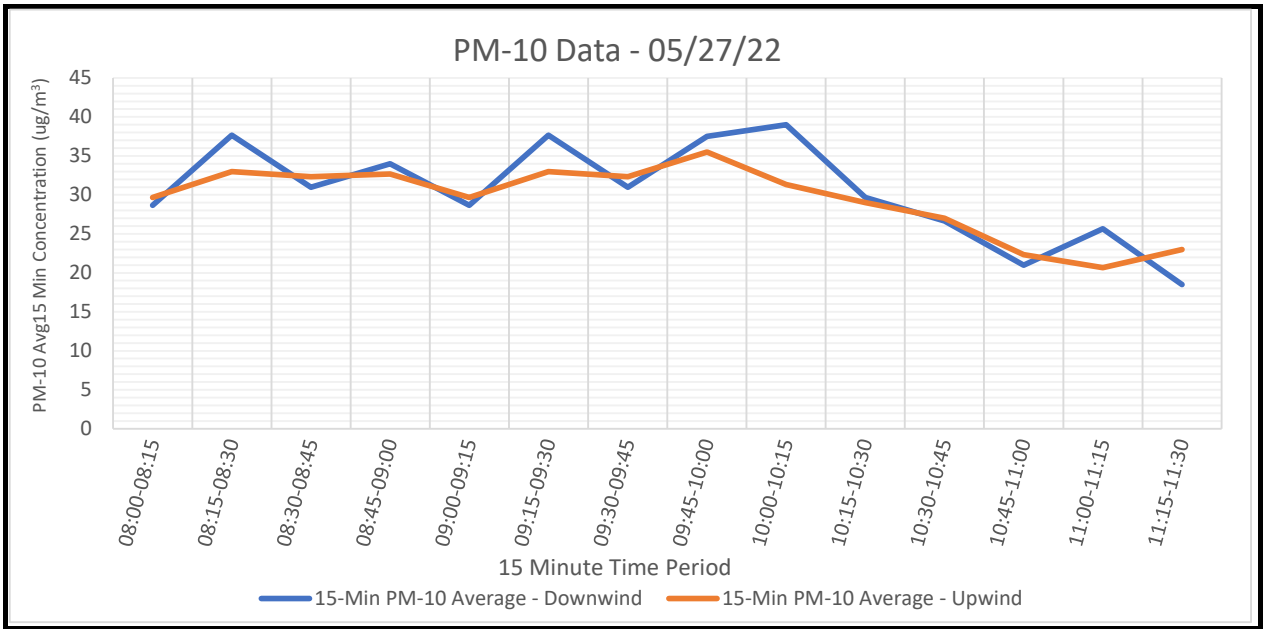
Wednesday, May 25, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:30-07:45	10.00	
07:45-08:00	12.00	16.67
08:00-08:15	9.33	15.33
08:15-08:30	16.67	36.67
08:30-08:45	9.33	19.33
08:45-09:00	11.67	19.33
09:00-09:15	9.67	56.00
09:15-09:30	8.33	34.67
09:30-09:45	21.00	49.00
09:45-10:00	9.33	37.67
10:00-10:15	8.00	35.00
10:15-10:30	13.33	35.00
10:30-10:45	11.33	15.00
10:45-11:00	8.00	14.00
11:00-11:15	10.67	15.67
11:15-11:30	14.67	18.33
11:30-11:45	7.00	18.00
11:45-12:00	5.00	11.00
12:00-12:15	6.33	9.33
12:15-12:30	8.00	13.33
12:30-12:45	10.00	14.33
12:45-13:00	9.33	15.00
13:00-13:15	14.67	19.67
13:15-13:30	4.67	9.33
13:30-13:45	130.67	103.67
13:45-14:00	9.67	45.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



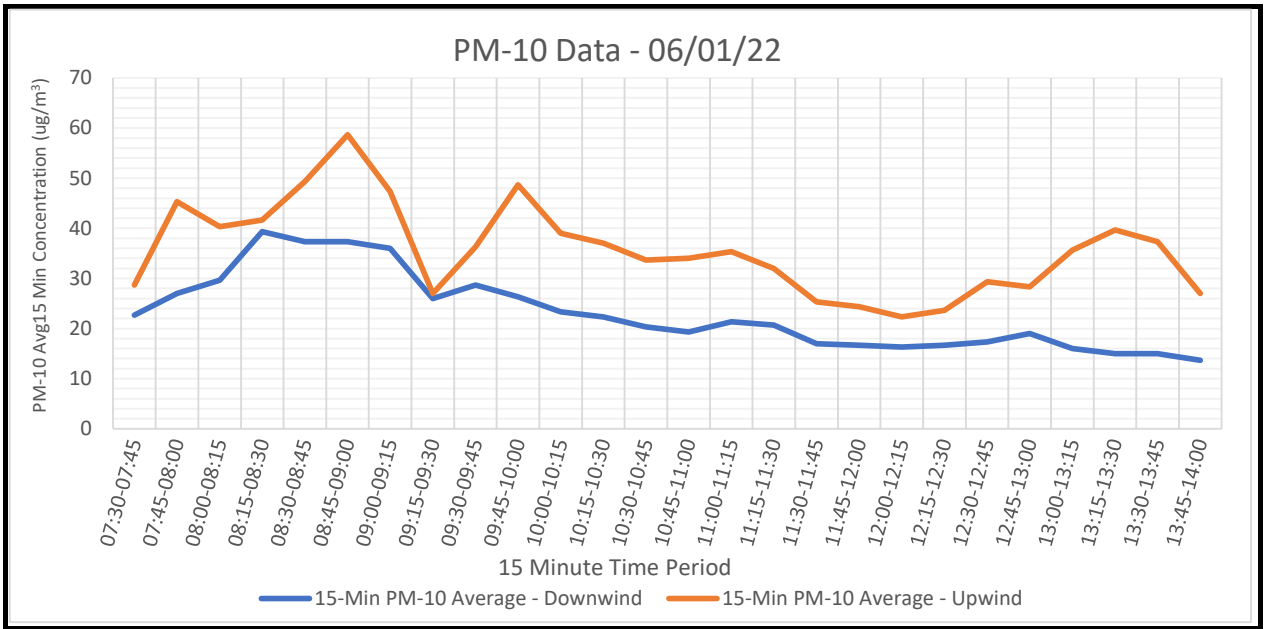
Thursday, May 26, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	16.00	16.00
08:15-08:30	20.67	25.67
08:30-08:45	20.33	29.33
08:45-09:00	18.33	32.00
09:00-09:15	21.00	28.33
09:15-09:30	18.33	23.33
09:30-09:45	19.67	24.00
09:45-10:00	18.33	20.33
10:00-10:15	14.50	17.00
10:15-10:30	16.67	19.67
10:30-10:45	12.67	15.33
10:45-11:00	12.00	15.67
11:00-11:15	9.67	14.67
11:15-11:30	12.00	13.33
11:30-11:45	15.33	18.67
11:45-12:00	12.00	23.00
12:00-12:15	12.67	22.00
12:15-12:30	16.00	24.33
12:30-12:45	13.67	22.00
12:45-13:00	13.67	17.00
13:00-13:15	12.00	15.00
13:15-13:30	12.67	18.67
13:30-13:45	12.67	24.00
13:45-14:00	13.50	29.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



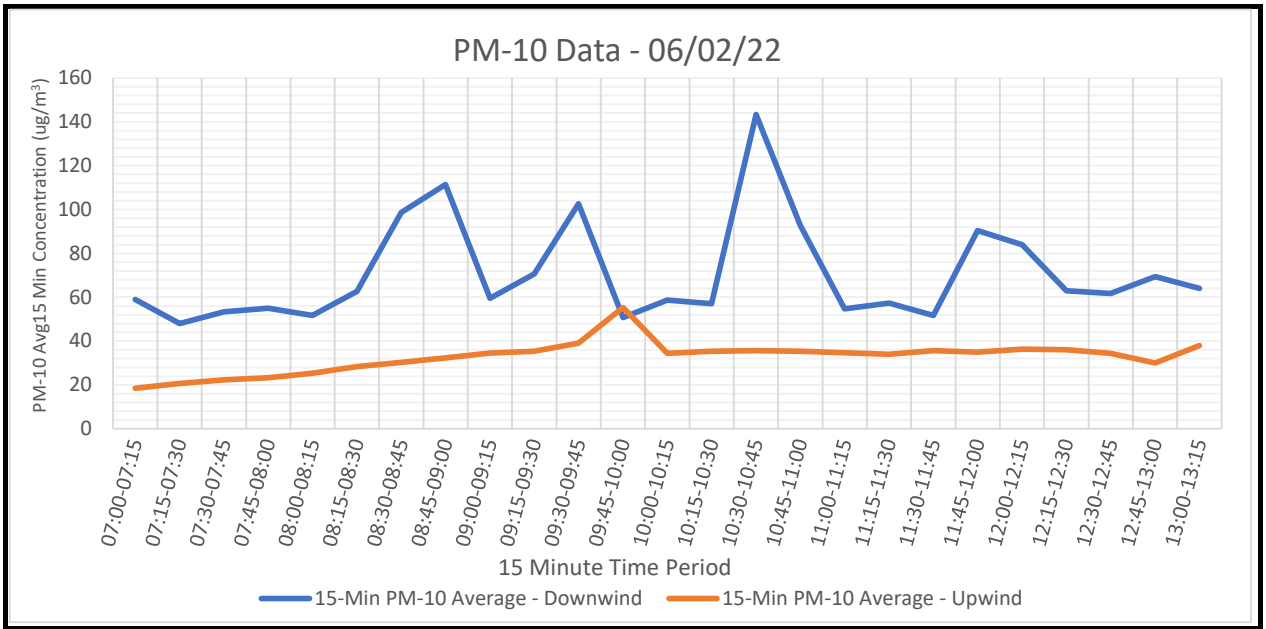
Friday, May 27, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	28.67	29.67
08:15-08:30	37.67	33.00
08:30-08:45	31.00	32.33
08:45-09:00	34.00	32.67
09:00-09:15	28.67	29.67
09:15-09:30	37.67	33.00
09:30-09:45	31.00	32.33
09:45-10:00	37.50	35.50
10:00-10:15	39.00	31.33
10:15-10:30	29.67	29.00
10:30-10:45	26.67	27.00
10:45-11:00	21.00	22.33
11:00-11:15	25.67	20.67
11:15-11:30	18.50	23.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



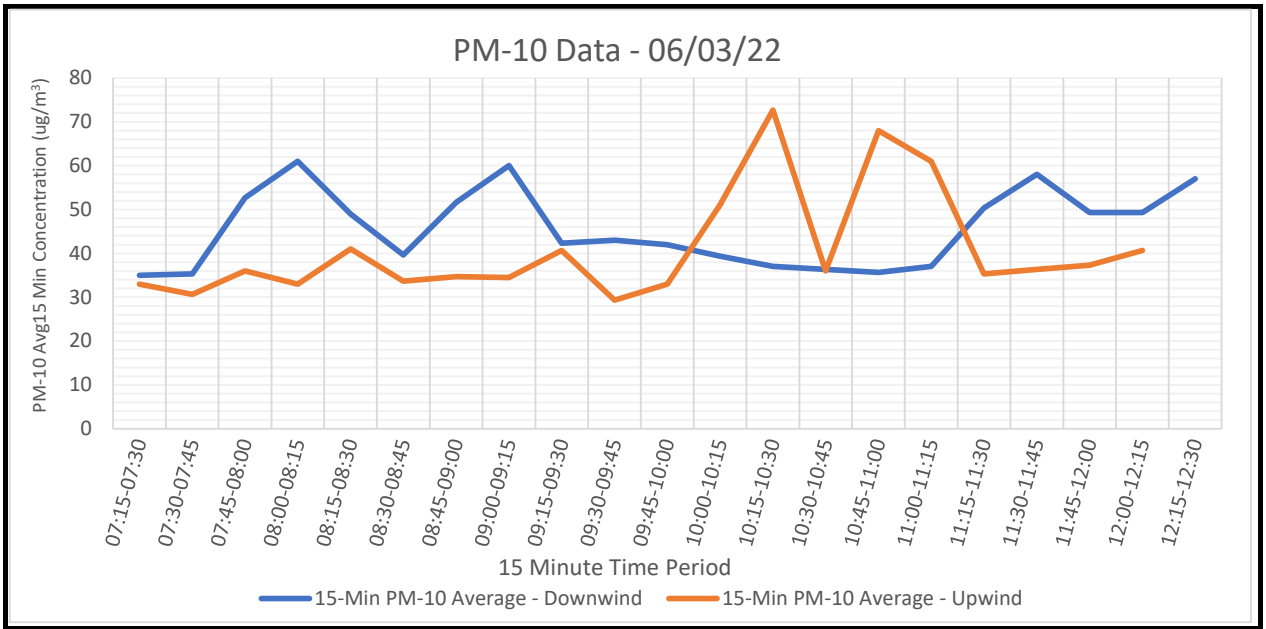
Wednesday, June 01, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:30-07:45	22.67	28.67
07:45-08:00	27.00	45.33
08:00-08:15	29.67	40.33
08:15-08:30	39.33	41.67
08:30-08:45	37.33	49.33
08:45-09:00	37.33	58.67
09:00-09:15	36.00	47.33
09:15-09:30	26.00	27.00
09:30-09:45	28.67	36.33
09:45-10:00	26.33	48.67
10:00-10:15	23.33	39.00
10:15-10:30	22.33	37.00
10:30-10:45	20.33	33.67
10:45-11:00	19.33	34.00
11:00-11:15	21.33	35.33
11:15-11:30	20.67	32.00
11:30-11:45	17.00	25.33
11:45-12:00	16.67	24.33
12:00-12:15	16.33	22.33
12:15-12:30	16.67	23.67
12:30-12:45	17.33	29.33
12:45-13:00	19.00	28.33
13:00-13:15	16.00	35.67
13:15-13:30	15.00	39.67
13:30-13:45	15.00	37.33
13:45-14:00	13.67	27.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



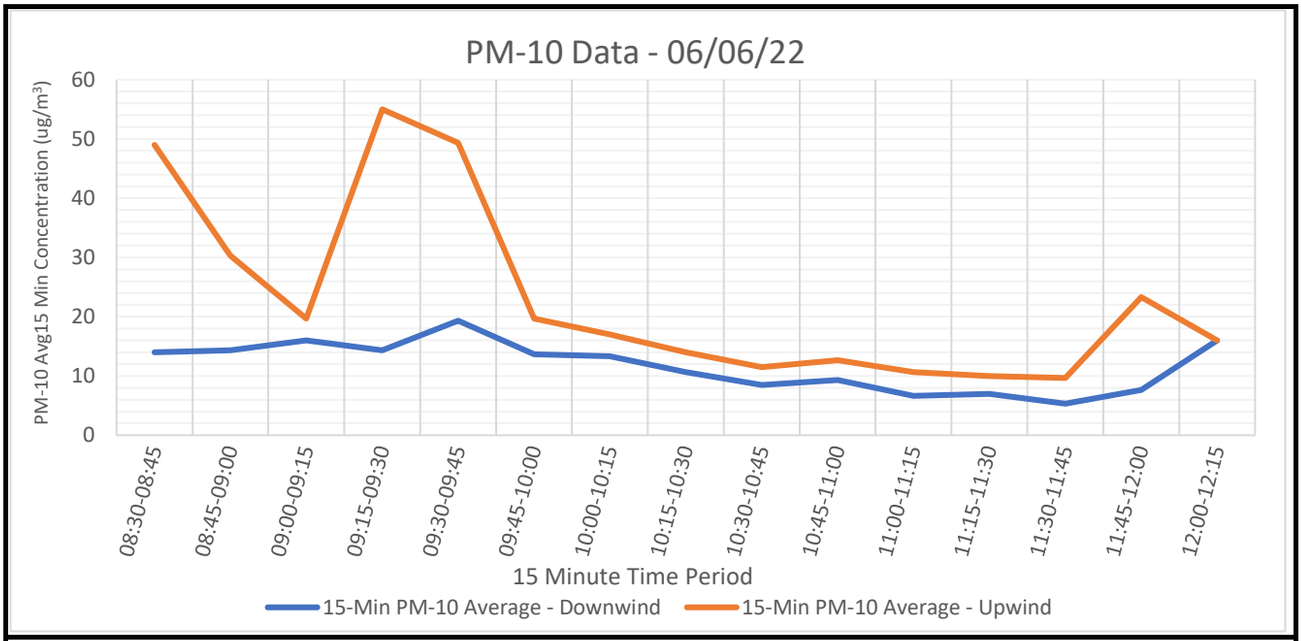
Thursday, June 02, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	59.00	18.50
07:15-07:30	48.00	20.67
07:30-07:45	53.33	22.33
07:45-08:00	55.00	23.33
08:00-08:15	51.67	25.33
08:15-08:30	62.67	28.33
08:30-08:45	98.67	30.33
08:45-09:00	111.33	32.33
09:00-09:15	59.50	34.50
09:15-09:30	70.67	35.33
09:30-09:45	102.67	39.00
09:45-10:00	50.67	55.33
10:00-10:15	58.67	34.33
10:15-10:30	57.00	35.33
10:30-10:45	143.33	35.67
10:45-11:00	92.67	35.33
11:00-11:15	54.67	34.67
11:15-11:30	57.33	34.00
11:30-11:45	51.67	35.67
11:45-12:00	90.33	35.00
12:00-12:15	84.00	36.33
12:15-12:30	63.00	36.00
12:30-12:45	61.67	34.33
12:45-13:00	69.33	30.00
13:00-13:15	64.00	38.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



Friday, June 03, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30	35.00	33.00
07:30-07:45	35.33	30.67
07:45-08:00	52.67	36.00
08:00-08:15	61.00	33.00
08:15-08:30	49.00	41.00
08:30-08:45	39.67	33.67
08:45-09:00	51.67	34.67
09:00-09:15	60.00	34.50
09:15-09:30	42.33	40.67
09:30-09:45	43.00	29.33
09:45-10:00	42.00	33.00
10:00-10:15	39.33	51.00
10:15-10:30	37.00	72.67
10:30-10:45	36.33	36.00
10:45-11:00	35.67	68.00
11:00-11:15	37.00	61.00
11:15-11:30	50.33	35.33
11:30-11:45	58.00	36.33
11:45-12:00	49.33	37.33
12:00-12:15	49.33	40.67
12:15-12:30	57.00	

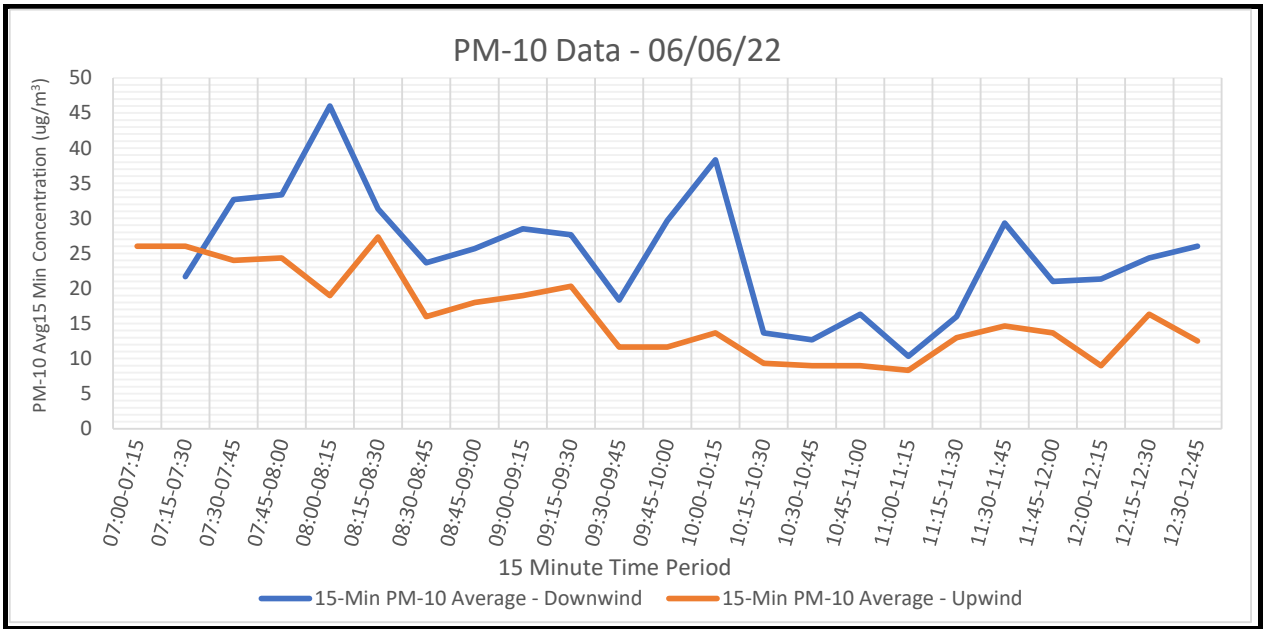
Daily CAMP Monitoring Results
Backflow Preventer



Monday, June 06, 2022

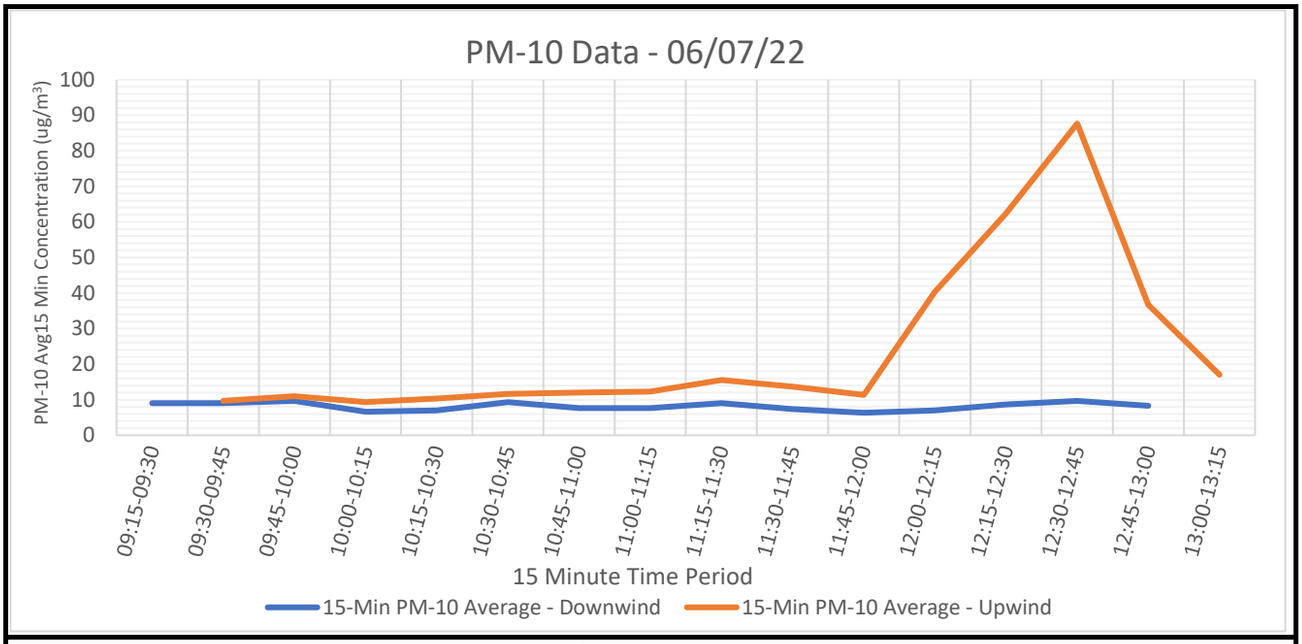
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:30-08:45	14.00	49.00
08:45-09:00	14.33	30.33
09:00-09:15	16.00	19.67
09:15-09:30	14.33	55.00
09:30-09:45	19.33	49.33
09:45-10:00	13.67	19.67
10:00-10:15	13.33	17.00
10:15-10:30	10.67	14.00
10:30-10:45	8.50	11.50
10:45-11:00	9.33	12.67
11:00-11:15	6.67	10.67
11:15-11:30	7.00	10.00
11:30-11:45	5.33	9.67
11:45-12:00	7.67	23.33
12:00-12:15	16.00	16.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



Monday, June 06, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15		26.00
07:15-07:30	21.67	26.00
07:30-07:45	32.67	24.00
07:45-08:00	33.33	24.33
08:00-08:15	46.00	19.00
08:15-08:30	31.33	27.33
08:30-08:45	23.67	16.00
08:45-09:00	25.67	18.00
09:00-09:15	28.50	19.00
09:15-09:30	27.67	20.33
09:30-09:45	18.33	11.67
09:45-10:00	29.67	11.67
10:00-10:15	38.33	13.67
10:15-10:30	13.67	9.33
10:30-10:45	12.67	9.00
10:45-11:00	16.33	9.00
11:00-11:15	10.33	8.33
11:15-11:30	16.00	13.00
11:30-11:45	29.33	14.67
11:45-12:00	21.00	13.67
12:00-12:15	21.33	9.00
12:15-12:30	24.33	16.33
12:30-12:45	26.00	12.50

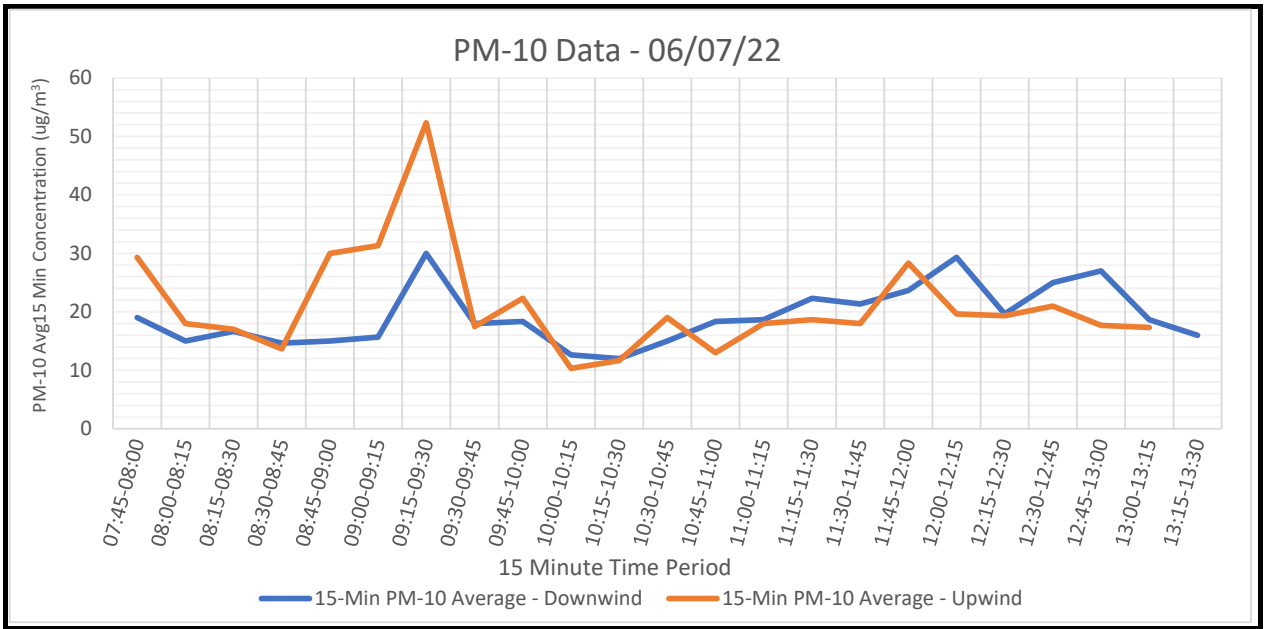
Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



Tuesday, June 07, 2022

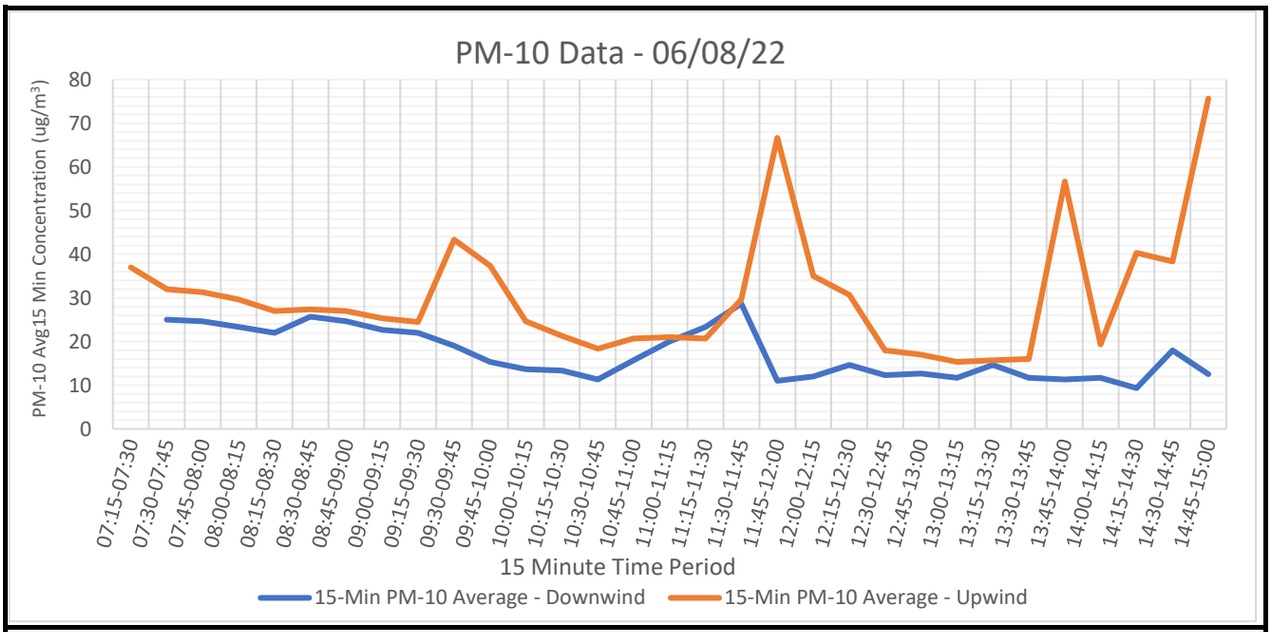
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
09:15-09:30	9.00	
09:30-09:45	9.00	9.67
09:45-10:00	9.67	11.00
10:00-10:15	6.67	9.33
10:15-10:30	7.00	10.33
10:30-10:45	9.33	11.67
10:45-11:00	7.67	12.00
11:00-11:15	7.67	12.33
11:15-11:30	9.00	15.50
11:30-11:45	7.33	13.67
11:45-12:00	6.33	11.33
12:00-12:15	7.00	40.33
12:15-12:30	8.67	62.33
12:30-12:45	9.67	87.67
12:45-13:00	8.33	36.67
13:00-13:15		17.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



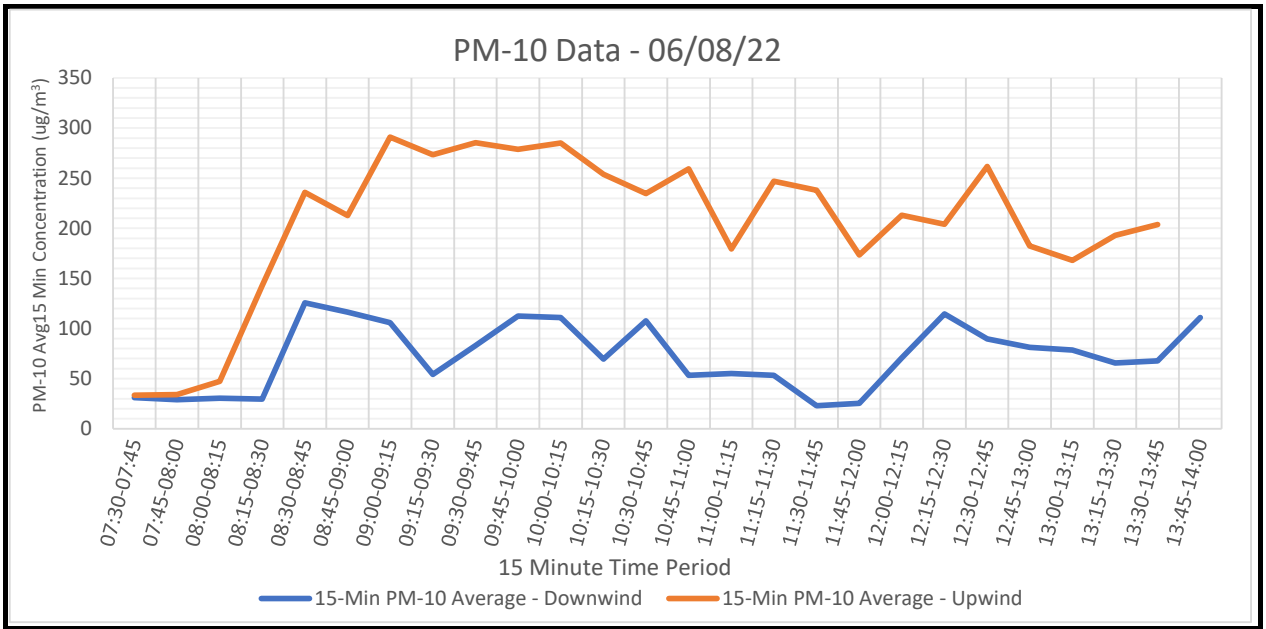
Tuesday, June 07, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00	19.00	29.33
08:00-08:15	15.00	18.00
08:15-08:30	16.67	17.00
08:30-08:45	14.67	13.67
08:45-09:00	15.00	30.00
09:00-09:15	15.67	31.33
09:15-09:30	30.00	52.33
09:30-09:45	18.00	17.50
09:45-10:00	18.33	22.33
10:00-10:15	12.67	10.33
10:15-10:30	12.00	11.67
10:30-10:45	15.00	19.00
10:45-11:00	18.33	13.00
11:00-11:15	18.67	18.00
11:15-11:30	22.33	18.67
11:30-11:45	21.33	18.00
11:45-12:00	23.67	28.33
12:00-12:15	29.33	19.67
12:15-12:30	19.67	19.33
12:30-12:45	25.00	21.00
12:45-13:00	27.00	17.67
13:00-13:15	18.67	17.33
13:15-13:30	16.00	

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



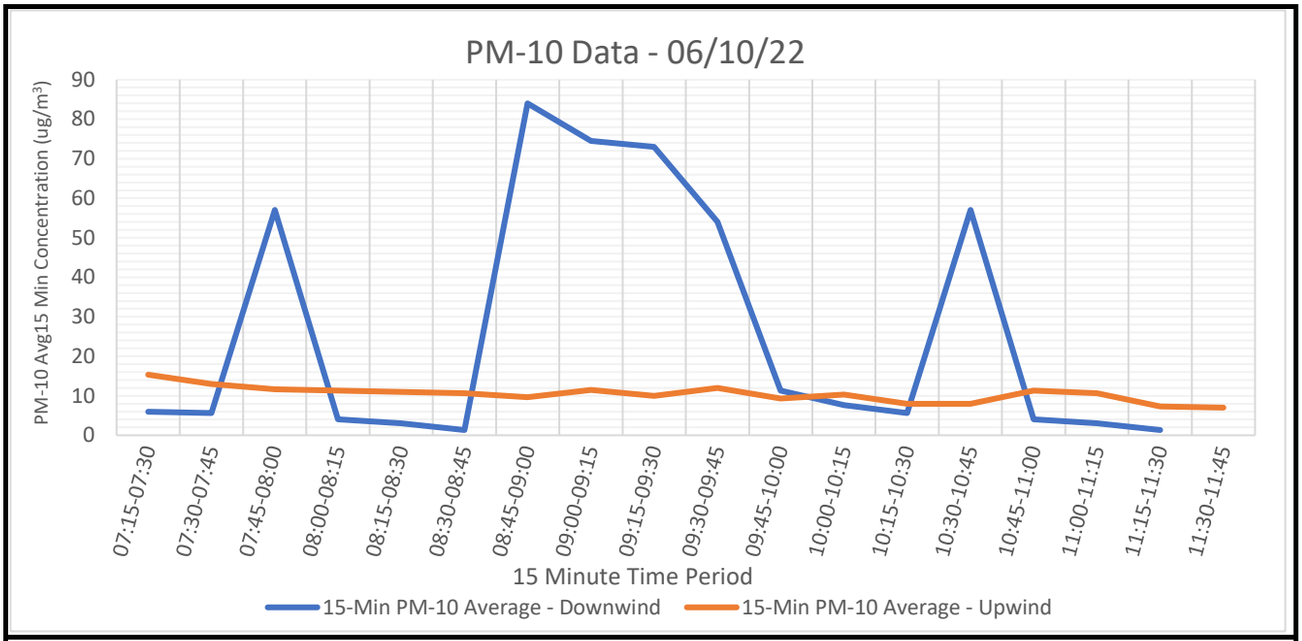
Wednesday, June 08, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30		37.00
07:30-07:45	25.00	32.00
07:45-08:00	24.67	31.33
08:00-08:15	23.33	29.67
08:15-08:30	22.00	27.00
08:30-08:45	25.67	27.33
08:45-09:00	24.67	27.00
09:00-09:15	22.67	25.33
09:15-09:30	22.00	24.50
09:30-09:45	19.00	43.33
09:45-10:00	15.33	37.33
10:00-10:15	13.67	24.67
10:15-10:30	13.33	21.33
10:30-10:45	11.33	18.33
10:45-11:00	15.67	20.67
11:00-11:15	20.00	21.00
11:15-11:30	23.33	20.67
11:30-11:45	28.67	29.67
11:45-12:00	11.00	66.67
12:00-12:15	12.00	35.00
12:15-12:30	14.67	30.67
12:30-12:45	12.33	18.00
12:45-13:00	12.67	17.00
13:00-13:15	11.67	15.33
13:15-13:30	14.67	15.67
13:30-13:45	11.67	16.00
13:45-14:00	11.33	56.67
14:00-14:15	11.67	19.33
14:15-14:30	9.33	40.33
14:30-14:45	18.00	38.33
14:45-15:00	12.50	75.67

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



Wednesday, June 08, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:30-07:45	31.00	33.50
07:45-08:00	29.00	34.00
08:00-08:15	30.67	47.33
08:15-08:30	29.67	142.67
08:30-08:45	125.67	236.00
08:45-09:00	116.33	212.67
09:00-09:15	106.00	291.00
09:15-09:30	54.33	273.33
09:30-09:45	83.00	285.50
09:45-10:00	112.33	278.67
10:00-10:15	111.00	285.00
10:15-10:30	69.67	254.00
10:30-10:45	107.67	234.67
10:45-11:00	53.33	259.33
11:00-11:15	55.00	179.33
11:15-11:30	53.33	247.00
11:30-11:45	23.00	238.00
11:45-12:00	25.33	173.33
12:00-12:15	70.67	213.00
12:15-12:30	114.67	204.00
12:30-12:45	89.67	261.67
12:45-13:00	81.33	182.33
13:00-13:15	78.67	168.00
13:15-13:30	65.67	193.00
13:30-13:45	67.67	203.67
13:45-14:00	111.00	

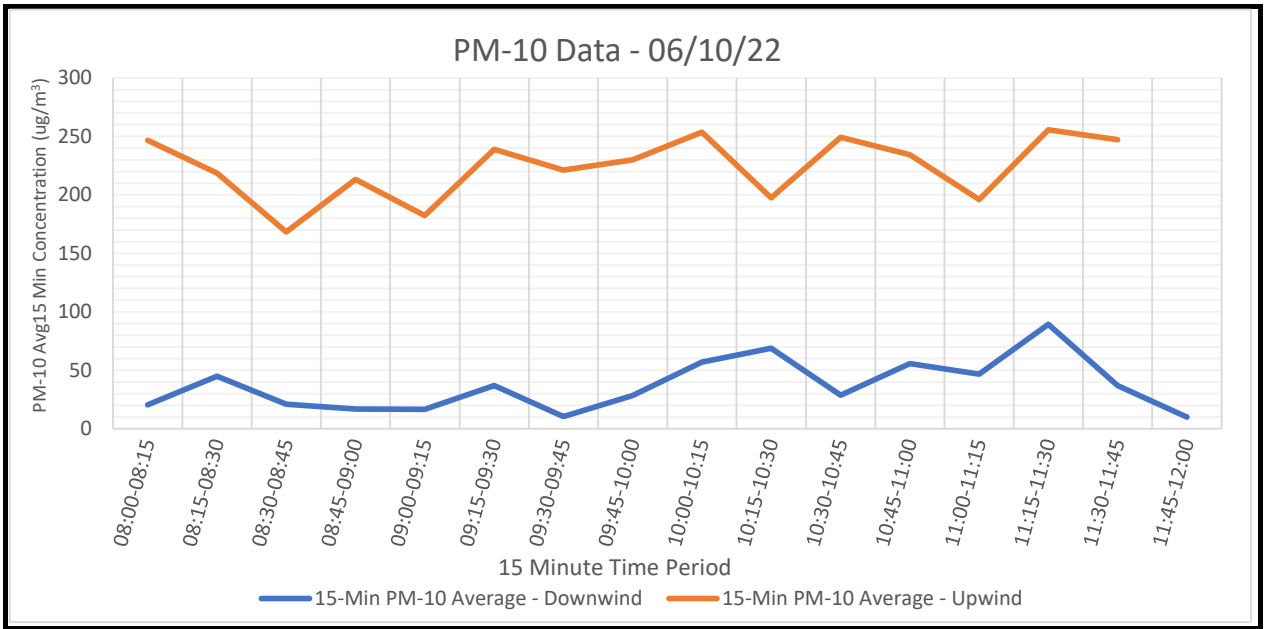
Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



Friday, June 10, 2022

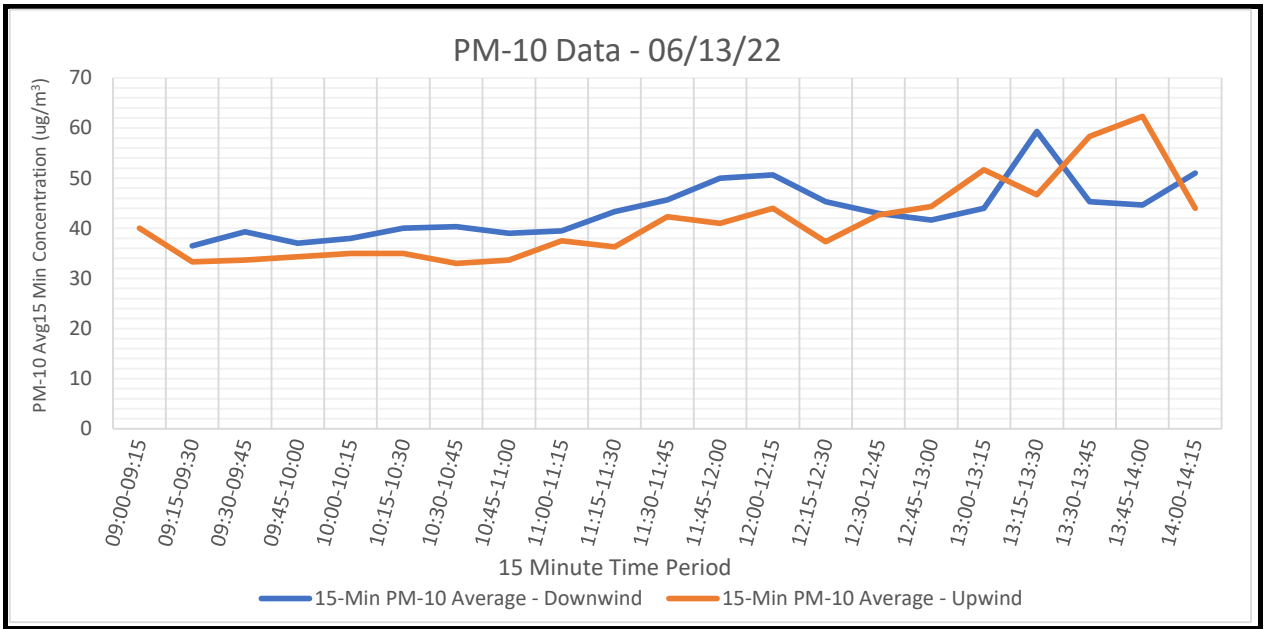
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:15-07:30	6.00	15.33
07:30-07:45	5.67	13.00
07:45-08:00	57.00	11.67
08:00-08:15	4.00	11.33
08:15-08:30	3.00	11.00
08:30-08:45	1.33	10.67
08:45-09:00	84.00	9.67
09:00-09:15	74.50	11.50
09:15-09:30	73.00	10.00
09:30-09:45	54.00	12.00
09:45-10:00	11.33	9.33
10:00-10:15	7.67	10.33
10:15-10:30	5.67	8.00
10:30-10:45	57.00	8.00
10:45-11:00	4.00	11.33
11:00-11:15	3.00	10.67
11:15-11:30	1.33	7.33
11:30-11:45		7.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



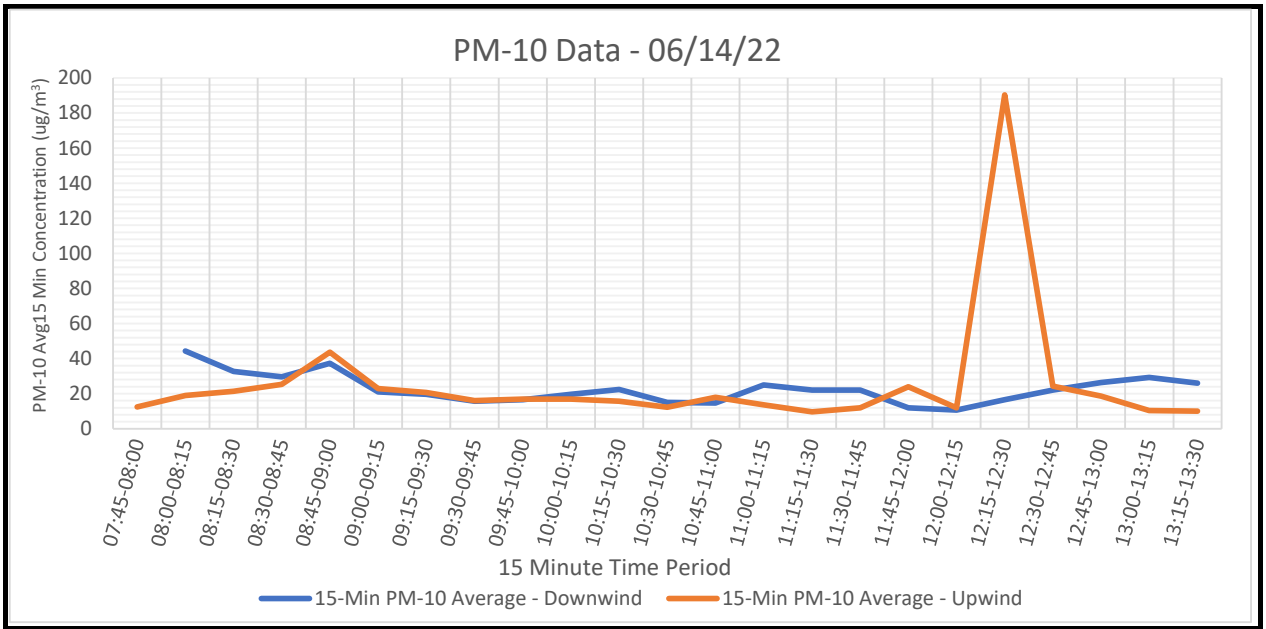
Friday, June 10, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	20.50	246.67
08:15-08:30	45.00	218.67
08:30-08:45	21.00	168.33
08:45-09:00	17.00	213.33
09:00-09:15	16.67	182.33
09:15-09:30	37.00	239.00
09:30-09:45	10.33	221.33
09:45-10:00	28.50	230.00
10:00-10:15	57.00	253.67
10:15-10:30	69.00	197.67
10:30-10:45	28.67	249.33
10:45-11:00	55.67	234.33
11:00-11:15	46.67	196.00
11:15-11:30	89.33	255.67
11:30-11:45	37.00	247.33
11:45-12:00	10.00	

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



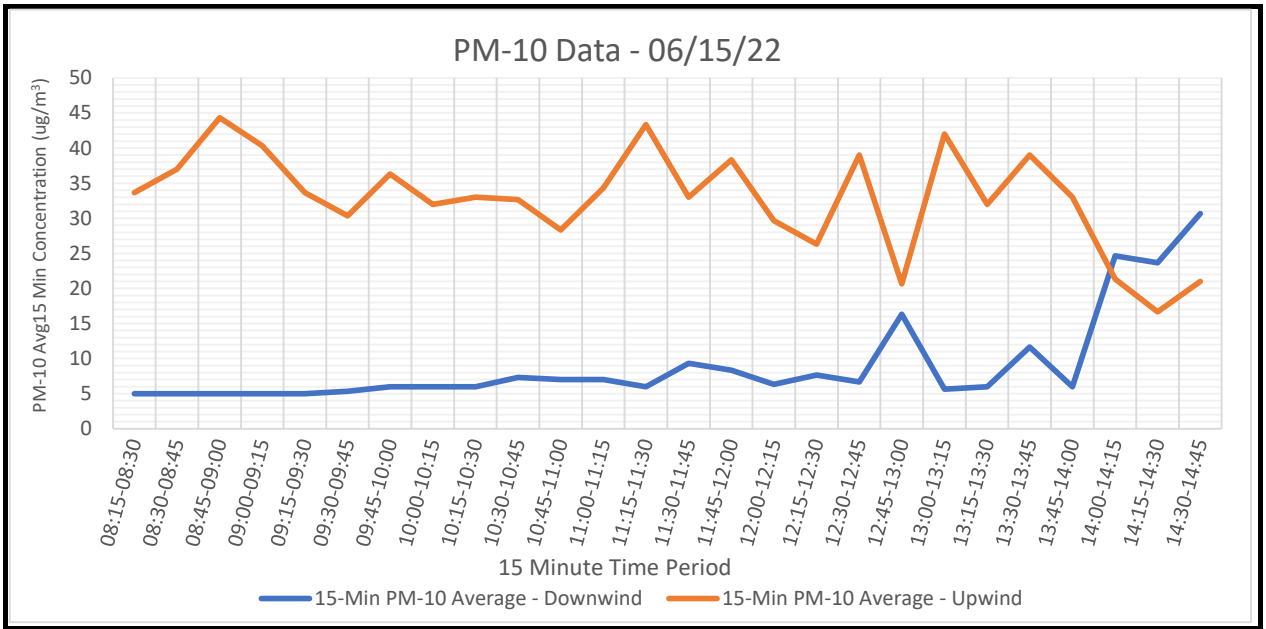
Monday, June 13, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:00-09:15		40.00
09:15-09:30	36.50	33.33
09:30-09:45	39.33	33.67
09:45-10:00	37.00	34.33
10:00-10:15	38.00	35.00
10:15-10:30	40.00	35.00
10:30-10:45	40.33	33.00
10:45-11:00	39.00	33.67
11:00-11:15	39.50	37.50
11:15-11:30	43.33	36.33
11:30-11:45	45.67	42.33
11:45-12:00	50.00	41.00
12:00-12:15	50.67	44.00
12:15-12:30	45.33	37.33
12:30-12:45	43.00	42.67
12:45-13:00	41.67	44.33
13:00-13:15	44.00	51.67
13:15-13:30	59.33	46.67
13:30-13:45	45.33	58.33
13:45-14:00	44.67	62.33
14:00-14:15	51.00	44.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



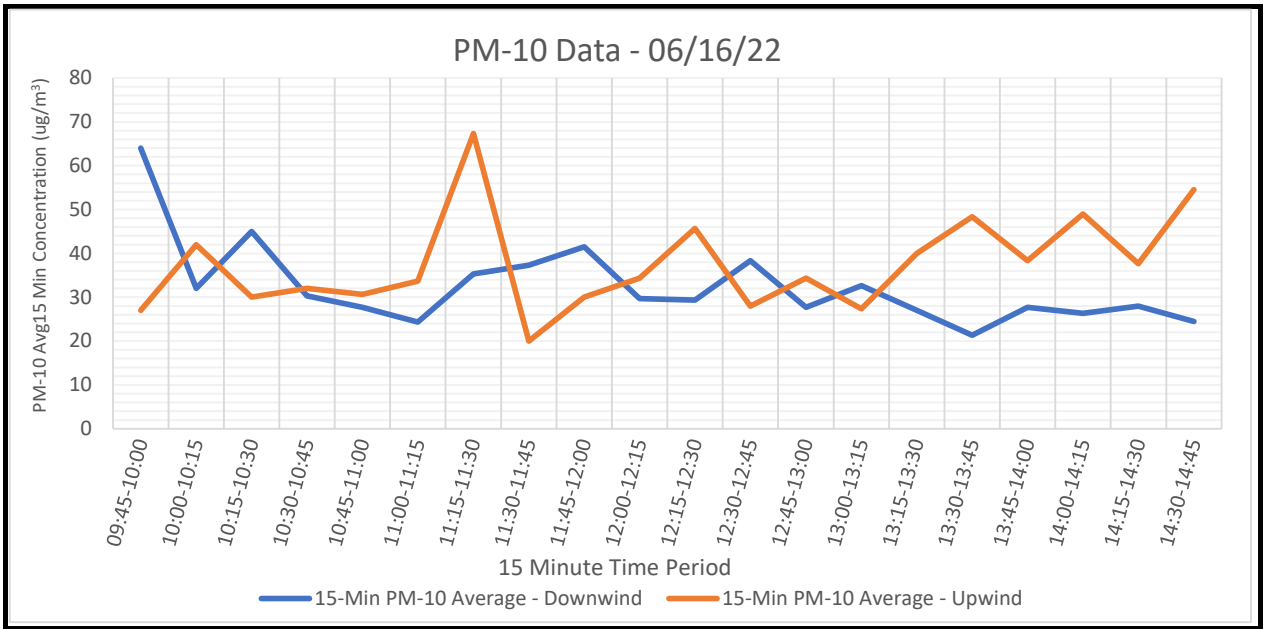
Tuesday, June 14, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00		12.50
08:00-08:15	44.33	19.00
08:15-08:30	32.67	21.33
08:30-08:45	29.67	25.33
08:45-09:00	37.33	43.67
09:00-09:15	21.00	23.00
09:15-09:30	19.67	20.67
09:30-09:45	15.67	16.00
09:45-10:00	16.50	17.00
10:00-10:15	19.67	17.00
10:15-10:30	22.33	15.67
10:30-10:45	15.00	12.33
10:45-11:00	14.67	18.00
11:00-11:15	25.00	13.67
11:15-11:30	22.00	9.67
11:30-11:45	22.00	12.00
11:45-12:00	12.00	24.00
12:00-12:15	10.67	12.00
12:15-12:30	16.67	190.33
12:30-12:45	22.00	24.33
12:45-13:00	26.33	18.67
13:00-13:15	29.33	10.33
13:15-13:30	26.00	10.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



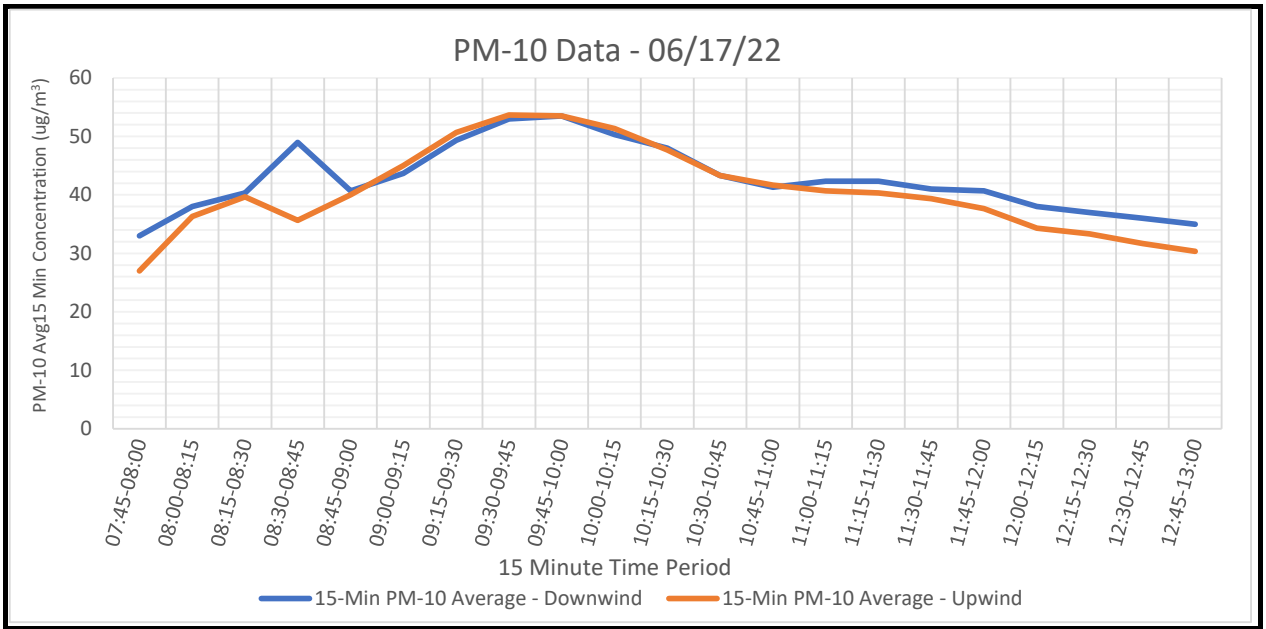
Wednesday, June 15, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	5.00	33.67
08:30-08:45	5.00	37.00
08:45-09:00	5.00	44.33
09:00-09:15	5.00	40.33
09:15-09:30	5.00	33.67
09:30-09:45	5.33	30.33
09:45-10:00	6.00	36.33
10:00-10:15	6.00	32.00
10:15-10:30	6.00	33.00
10:30-10:45	7.33	32.67
10:45-11:00	7.00	28.33
11:00-11:15	7.00	34.33
11:15-11:30	6.00	43.33
11:30-11:45	9.33	33.00
11:45-12:00	8.33	38.33
12:00-12:15	6.33	29.67
12:15-12:30	7.67	26.33
12:30-12:45	6.67	39.00
12:45-13:00	16.33	20.67
13:00-13:15	5.67	42.00
13:15-13:30	6.00	32.00
13:30-13:45	11.67	39.00
13:45-14:00	6.00	33.00
14:00-14:15	24.67	21.33
14:15-14:30	23.67	16.67
14:30-14:45	30.67	21.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



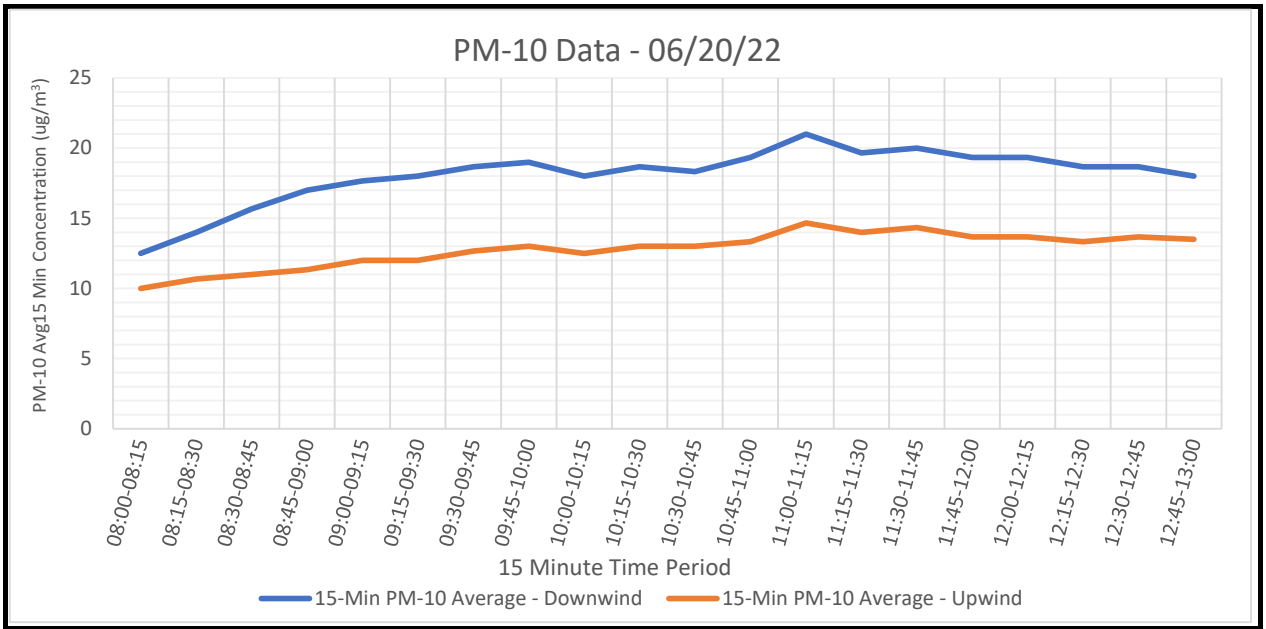
Thursday, June 16, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:45-10:00	64.00	27.00
10:00-10:15	32.00	42.00
10:15-10:30	45.00	30.00
10:30-10:45	30.33	32.00
10:45-11:00	27.67	30.67
11:00-11:15	24.33	33.67
11:15-11:30	35.33	67.33
11:30-11:45	37.33	20.00
11:45-12:00	41.50	30.00
12:00-12:15	29.67	34.33
12:15-12:30	29.33	45.67
12:30-12:45	38.33	28.00
12:45-13:00	27.67	34.33
13:00-13:15	32.67	27.33
13:15-13:30	27.00	40.00
13:30-13:45	21.33	48.33
13:45-14:00	27.67	38.33
14:00-14:15	26.33	49.00
14:15-14:30	28.00	37.67
14:30-14:45	24.50	54.50

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



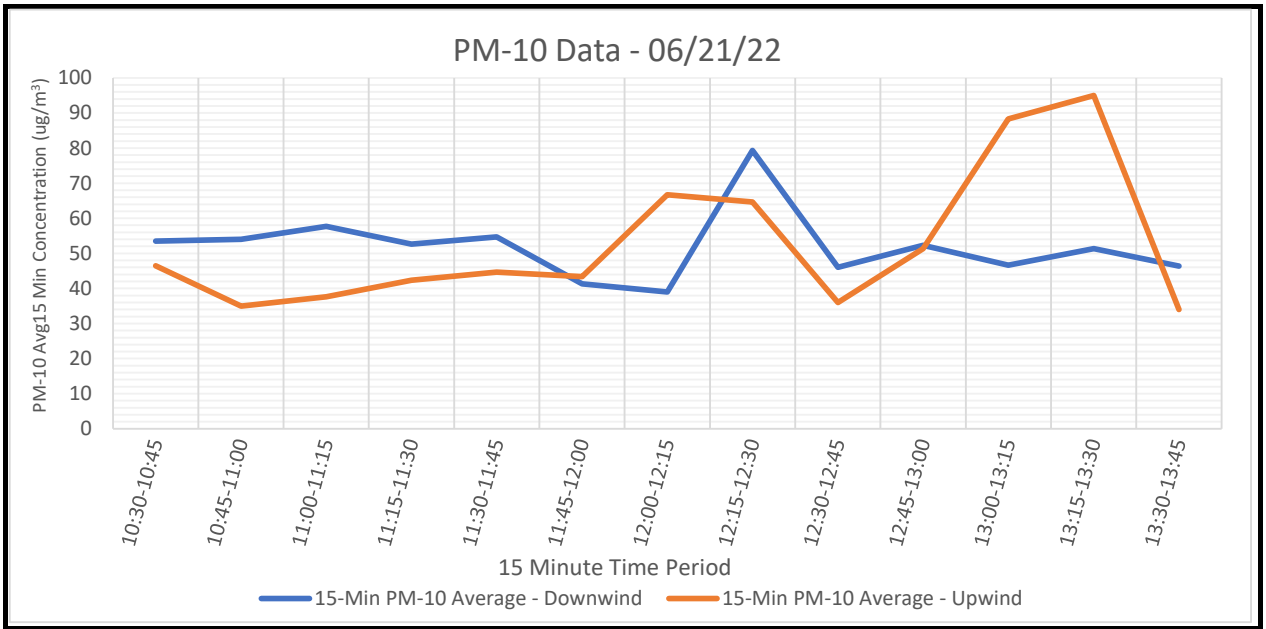
Friday, June 17, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00	33.00	27.00
08:00-08:15	38.00	36.33
08:15-08:30	40.33	39.67
08:30-08:45	49.00	35.67
08:45-09:00	40.67	40.00
09:00-09:15	43.67	45.00
09:15-09:30	49.33	50.67
09:30-09:45	53.00	53.67
09:45-10:00	53.50	53.50
10:00-10:15	50.33	51.33
10:15-10:30	48.00	47.67
10:30-10:45	43.33	43.33
10:45-11:00	41.33	41.67
11:00-11:15	42.33	40.67
11:15-11:30	42.33	40.33
11:30-11:45	41.00	39.33
11:45-12:00	40.67	37.67
12:00-12:15	38.00	34.33
12:15-12:30	37.00	33.33
12:30-12:45	36.00	31.67
12:45-13:00	35.00	30.33

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



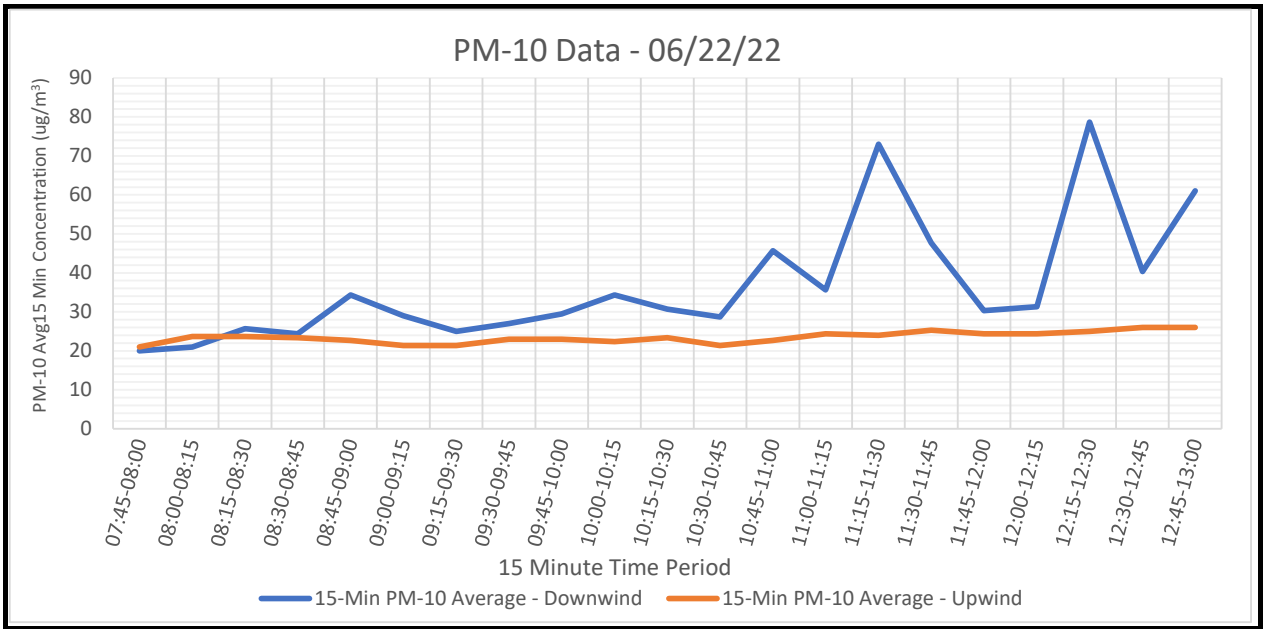
Monday, June 20, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	12.50	10.00
08:15-08:30	14.00	10.67
08:30-08:45	15.67	11.00
08:45-09:00	17.00	11.33
09:00-09:15	17.67	12.00
09:15-09:30	18.00	12.00
09:30-09:45	18.67	12.67
09:45-10:00	19.00	13.00
10:00-10:15	18.00	12.50
10:15-10:30	18.67	13.00
10:30-10:45	18.33	13.00
10:45-11:00	19.33	13.33
11:00-11:15	21.00	14.67
11:15-11:30	19.67	14.00
11:30-11:45	20.00	14.33
11:45-12:00	19.33	13.67
12:00-12:15	19.33	13.67
12:15-12:30	18.67	13.33
12:30-12:45	18.67	13.67
12:45-13:00	18.00	13.50

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



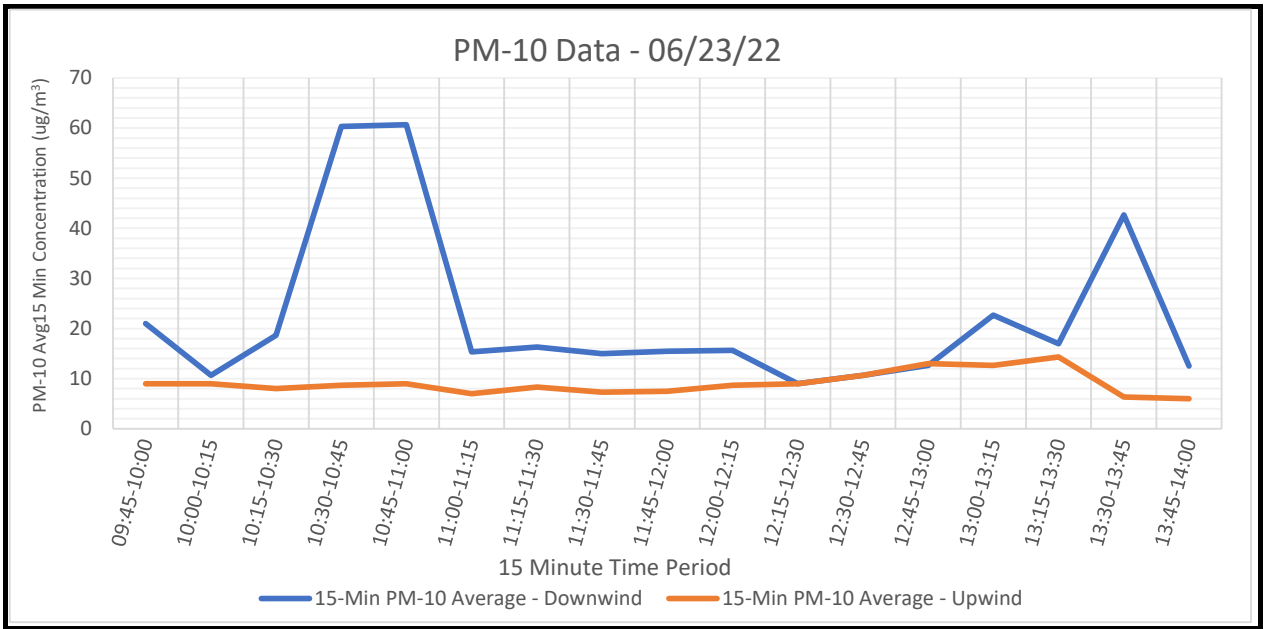
Tuesday, June 21, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
10:30-10:45	53.50	46.50
10:45-11:00	54.00	35.00
11:00-11:15	57.67	37.67
11:15-11:30	52.67	42.33
11:30-11:45	54.67	44.67
11:45-12:00	41.33	43.33
12:00-12:15	39.00	66.67
12:15-12:30	79.33	64.67
12:30-12:45	46.00	36.00
12:45-13:00	52.33	51.33
13:00-13:15	46.67	88.33
13:15-13:30	51.33	95.00
13:30-13:45	46.33	34.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



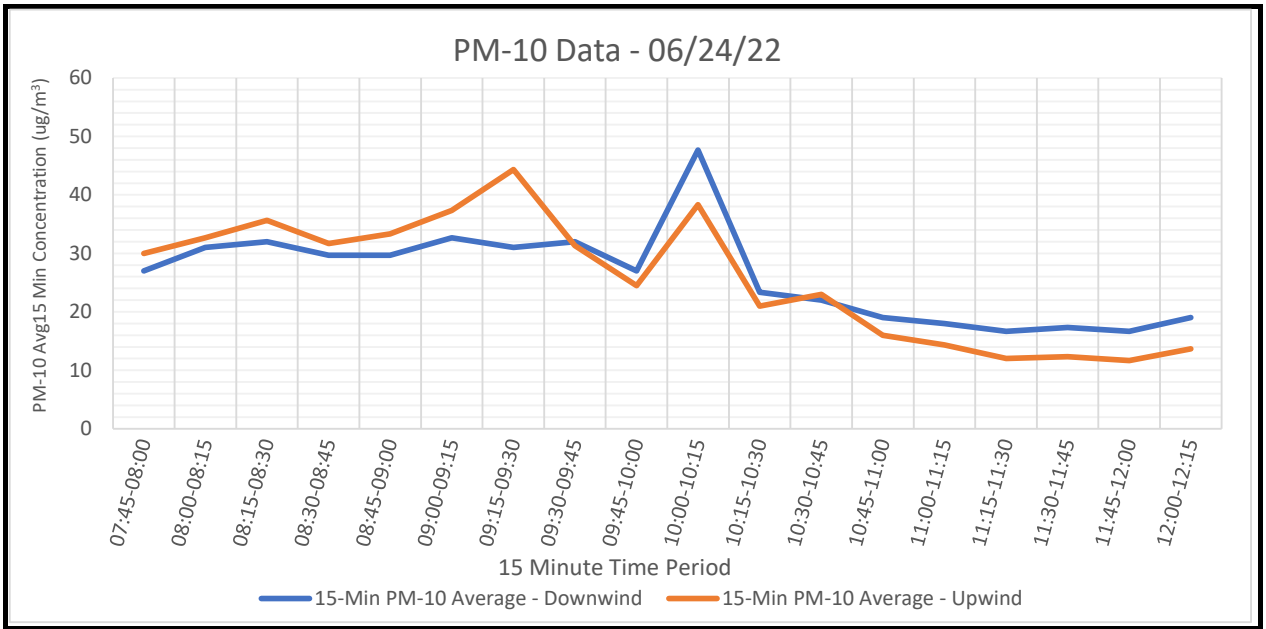
Wednesday, June 22, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00	20.00	21.00
08:00-08:15	21.00	23.67
08:15-08:30	25.67	23.67
08:30-08:45	24.33	23.33
08:45-09:00	34.33	22.67
09:00-09:15	29.00	21.33
09:15-09:30	25.00	21.33
09:30-09:45	27.00	23.00
09:45-10:00	29.50	23.00
10:00-10:15	34.33	22.33
10:15-10:30	30.67	23.33
10:30-10:45	28.67	21.33
10:45-11:00	45.67	22.67
11:00-11:15	35.67	24.33
11:15-11:30	73.00	24.00
11:30-11:45	47.67	25.33
11:45-12:00	30.33	24.33
12:00-12:15	31.33	24.33
12:15-12:30	78.67	25.00
12:30-12:45	40.33	26.00
12:45-13:00	61.00	26.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



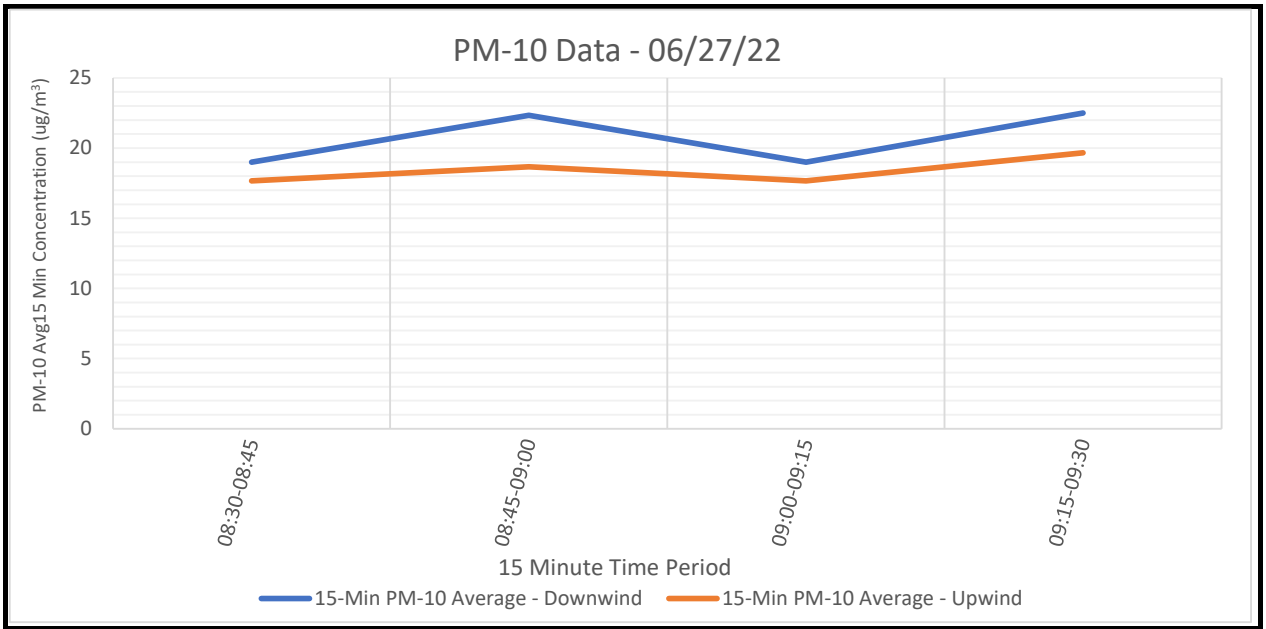
Thursday, June 23, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:45-10:00	21.00	9.00
10:00-10:15	10.67	9.00
10:15-10:30	18.67	8.00
10:30-10:45	60.33	8.67
10:45-11:00	60.67	9.00
11:00-11:15	15.33	7.00
11:15-11:30	16.33	8.33
11:30-11:45	15.00	7.33
11:45-12:00	15.50	7.50
12:00-12:15	15.67	8.67
12:15-12:30	9.00	9.00
12:30-12:45	10.67	10.67
12:45-13:00	12.67	13.00
13:00-13:15	22.67	12.67
13:15-13:30	17.00	14.33
13:30-13:45	42.67	6.33
13:45-14:00	12.50	6.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



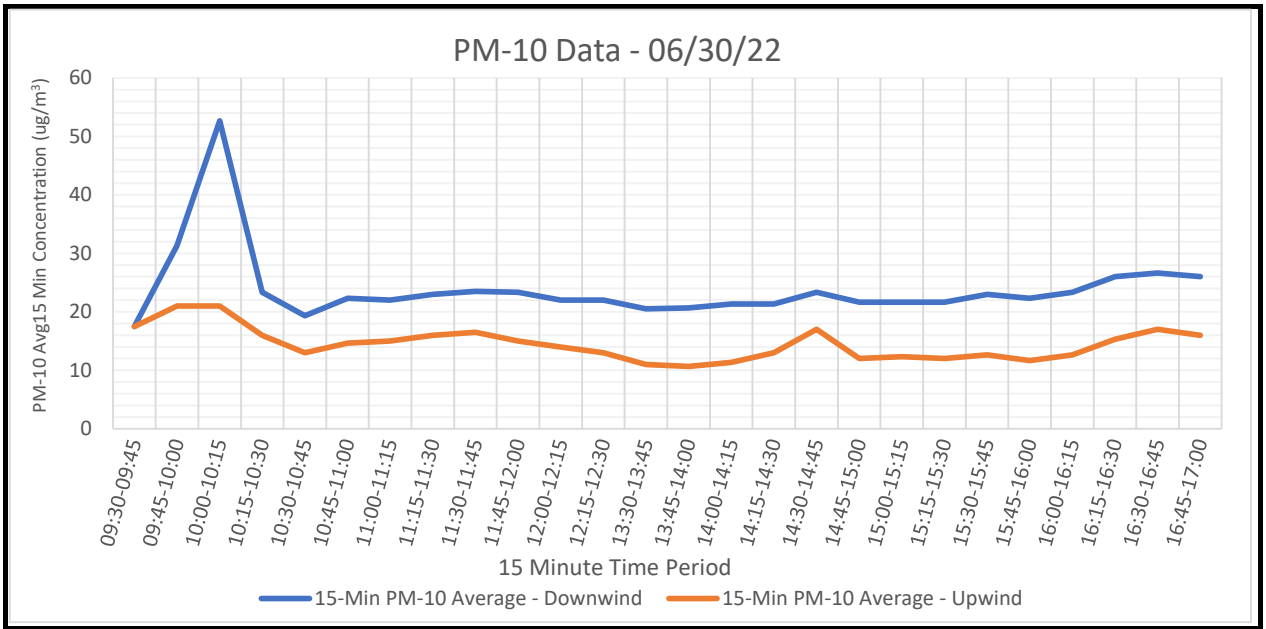
Friday, June 24, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00	27.00	30.00
08:00-08:15	31.00	32.67
08:15-08:30	32.00	35.67
08:30-08:45	29.67	31.67
08:45-09:00	29.67	33.33
09:00-09:15	32.67	37.33
09:15-09:30	31.00	44.33
09:30-09:45	32.00	31.33
09:45-10:00	27.00	24.50
10:00-10:15	47.67	38.33
10:15-10:30	23.33	21.00
10:30-10:45	22.00	23.00
10:45-11:00	19.00	16.00
11:00-11:15	18.00	14.33
11:15-11:30	16.67	12.00
11:30-11:45	17.33	12.33
11:45-12:00	16.67	11.67
12:00-12:15	19.00	13.67

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



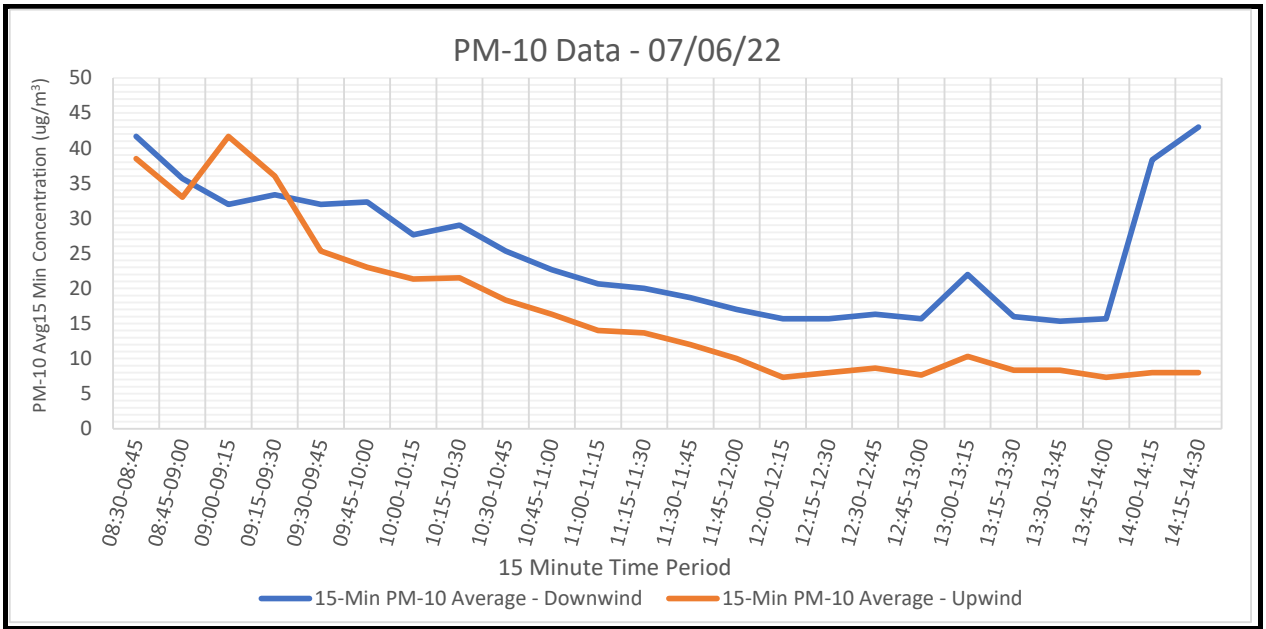
Monday, June 27, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	19.00	17.67
08:45-09:00	22.33	18.67
09:00-09:15	19.00	17.67
09:15-09:30	22.50	19.67

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



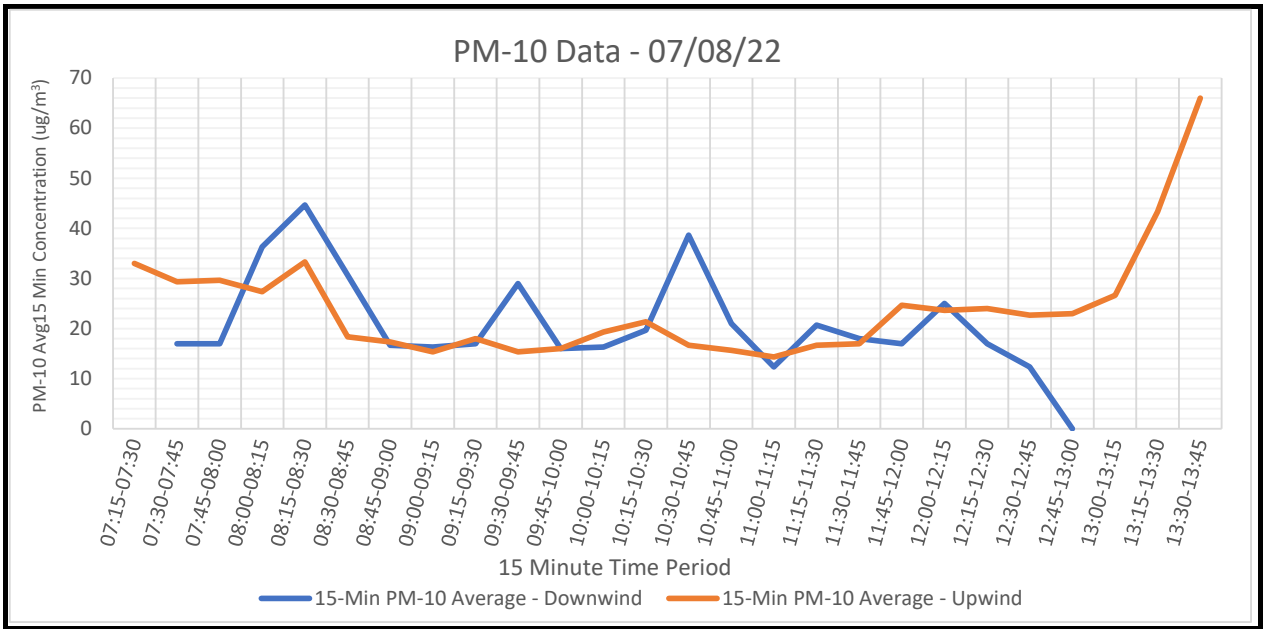
Thursday, June 30, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:30-09:45	17.50	17.50
09:45-10:00	31.33	21.00
10:00-10:15	52.67	21.00
10:15-10:30	23.33	16.00
10:30-10:45	19.33	13.00
10:45-11:00	22.33	14.67
11:00-11:15	22.00	15.00
11:15-11:30	23.00	16.00
11:30-11:45	23.50	16.50
11:45-12:00	23.33	15.00
12:00-12:15	22.00	14.00
12:15-12:30	22.00	13.00
13:30-13:45	20.50	11.00
13:45-14:00	20.67	10.67
14:00-14:15	21.33	11.33
14:15-14:30	21.33	13.00
14:30-14:45	23.33	17.00
14:45-15:00	21.67	12.00
15:00-15:15	21.67	12.33
15:15-15:30	21.67	12.00
15:30-15:45	23.00	12.67
15:45-16:00	22.33	11.67
16:00-16:15	23.33	12.67
16:15-16:30	26.00	15.33
16:30-16:45	26.67	17.00
16:45-17:00	26.00	16.00

Daily CAMP Monitoring Results Building
127 Manhole and Duct Bank Installation



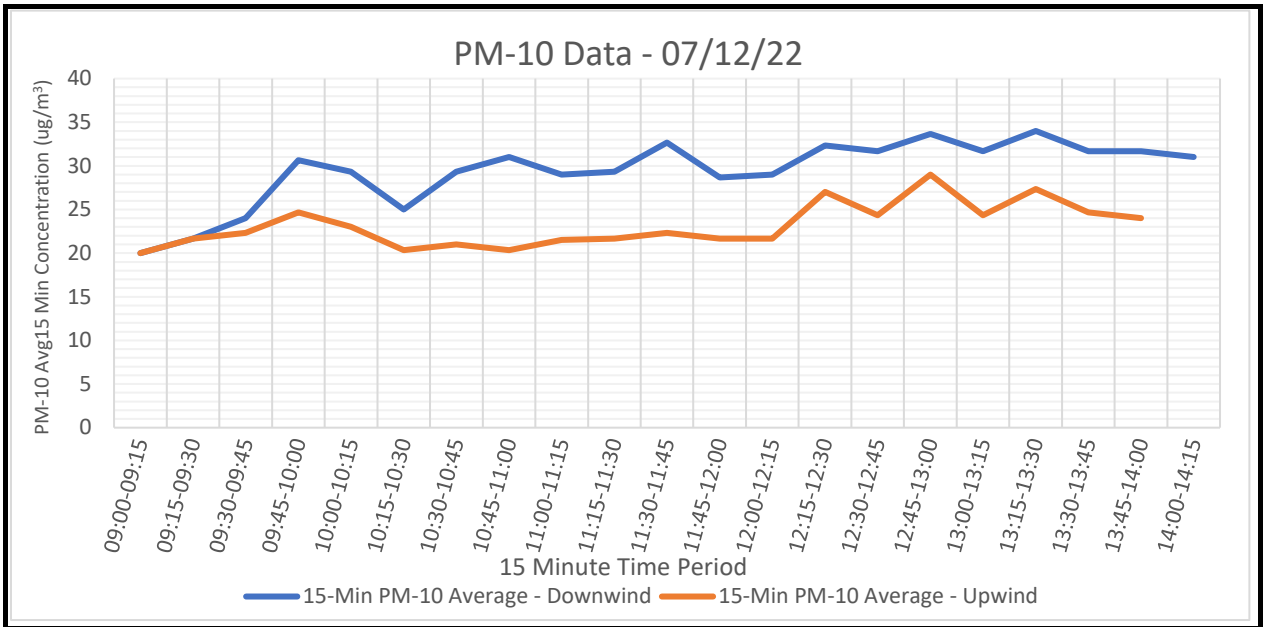
Wednesday, July 06, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	41.67	38.50
08:45-09:00	35.67	33.00
09:00-09:15	32.00	41.67
09:15-09:30	33.33	36.00
09:30-09:45	32.00	25.33
09:45-10:00	32.33	23.00
10:00-10:15	27.67	21.33
10:15-10:30	29.00	21.50
10:30-10:45	25.33	18.33
10:45-11:00	22.67	16.33
11:00-11:15	20.67	14.00
11:15-11:30	20.00	13.67
11:30-11:45	18.67	12.00
11:45-12:00	17.00	10.00
12:00-12:15	15.67	7.33
12:15-12:30	15.67	8.00
12:30-12:45	16.33	8.67
12:45-13:00	15.67	7.67
13:00-13:15	22.00	10.33
13:15-13:30	16.00	8.33
13:30-13:45	15.33	8.33
13:45-14:00	15.67	7.33
14:00-14:15	38.33	8.00
14:15-14:30	43.00	8.00

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



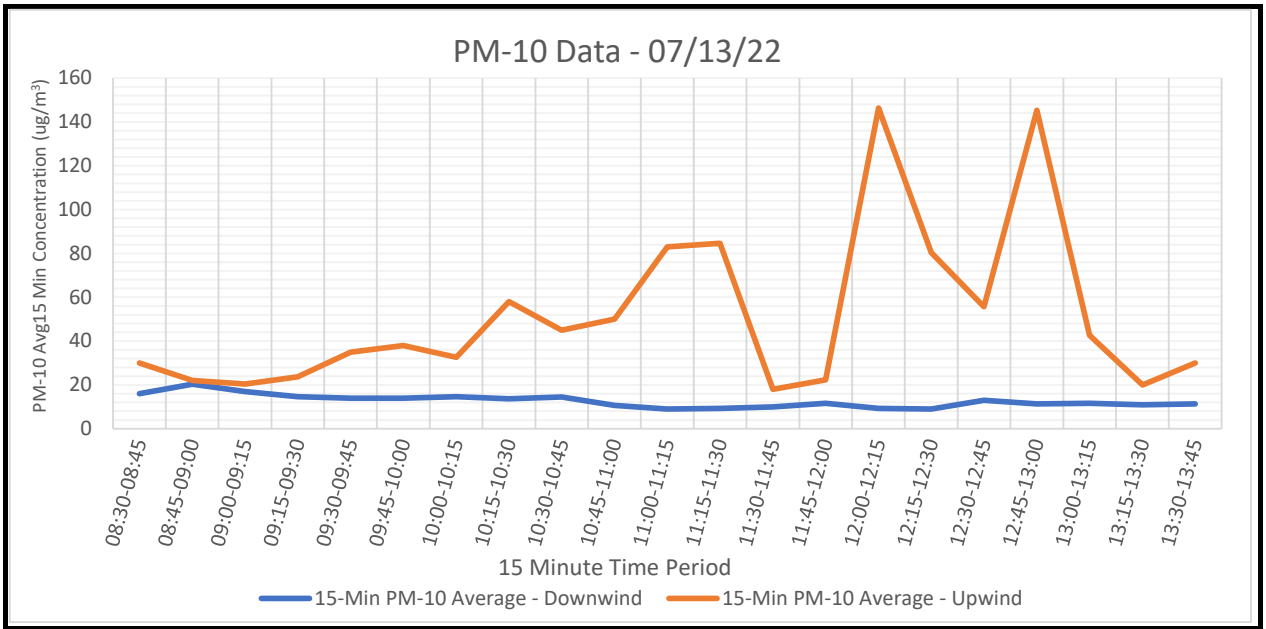
Friday, July 08, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30		33.00
07:30-07:45	17.00	29.33
07:45-08:00	17.00	29.67
08:00-08:15	36.33	27.33
08:15-08:30	44.67	33.33
08:30-08:45	30.67	18.33
08:45-09:00	16.67	17.33
09:00-09:15	16.33	15.33
09:15-09:30	17.00	18.00
09:30-09:45	29.00	15.33
09:45-10:00	16.00	16.00
10:00-10:15	16.33	19.33
10:15-10:30	19.67	21.33
10:30-10:45	38.67	16.67
10:45-11:00	21.00	15.67
11:00-11:15	12.33	14.33
11:15-11:30	20.67	16.67
11:30-11:45	18.00	17.00
11:45-12:00	17.00	24.67
12:00-12:15	25.00	23.67
12:15-12:30	17.00	24.00
12:30-12:45	12.33	22.67
12:45-13:00		23.00
13:00-13:15		26.67
13:15-13:30		43.33
13:30-13:45		66.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



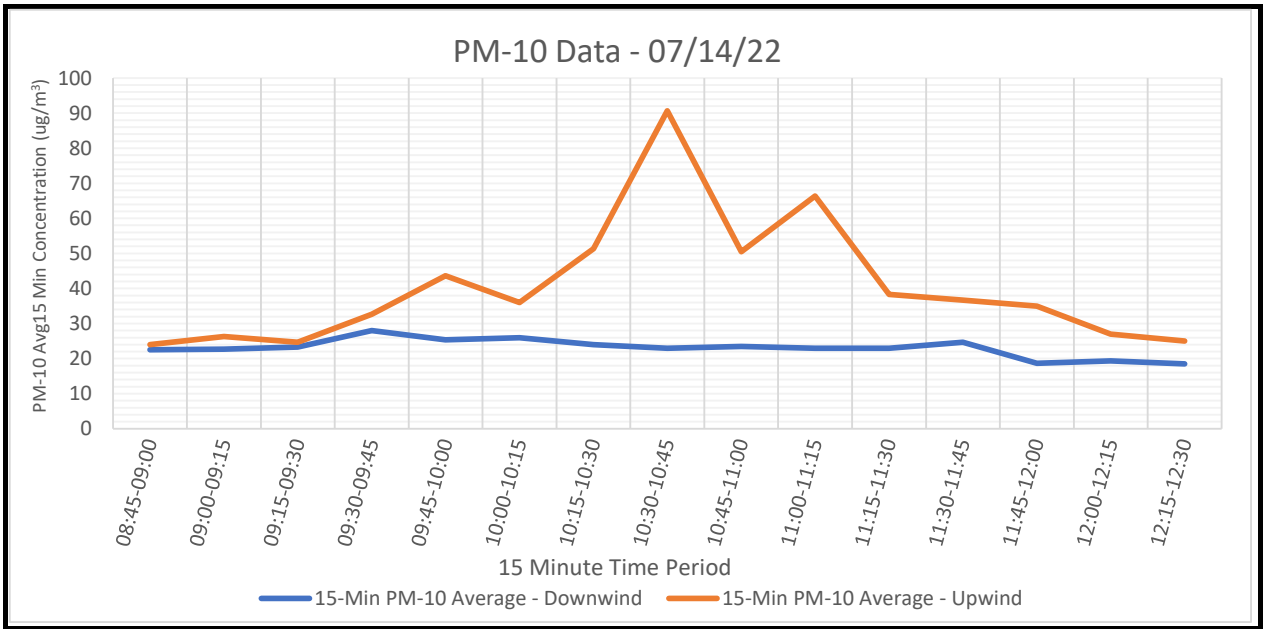
Tuesday, July 12, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:00-09:15	20.00	20.00
09:15-09:30	21.67	21.67
09:30-09:45	24.00	22.33
09:45-10:00	30.67	24.67
10:00-10:15	29.33	23.00
10:15-10:30	25.00	20.33
10:30-10:45	29.33	21.00
10:45-11:00	31.00	20.33
11:00-11:15	29.00	21.50
11:15-11:30	29.33	21.67
11:30-11:45	32.67	22.33
11:45-12:00	28.67	21.67
12:00-12:15	29.00	21.67
12:15-12:30	32.33	27.00
12:30-12:45	31.67	24.33
12:45-13:00	33.67	29.00
13:00-13:15	31.67	24.33
13:15-13:30	34.00	27.33
13:30-13:45	31.67	24.67
13:45-14:00	31.67	24.00
14:00-14:15	31.00	

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



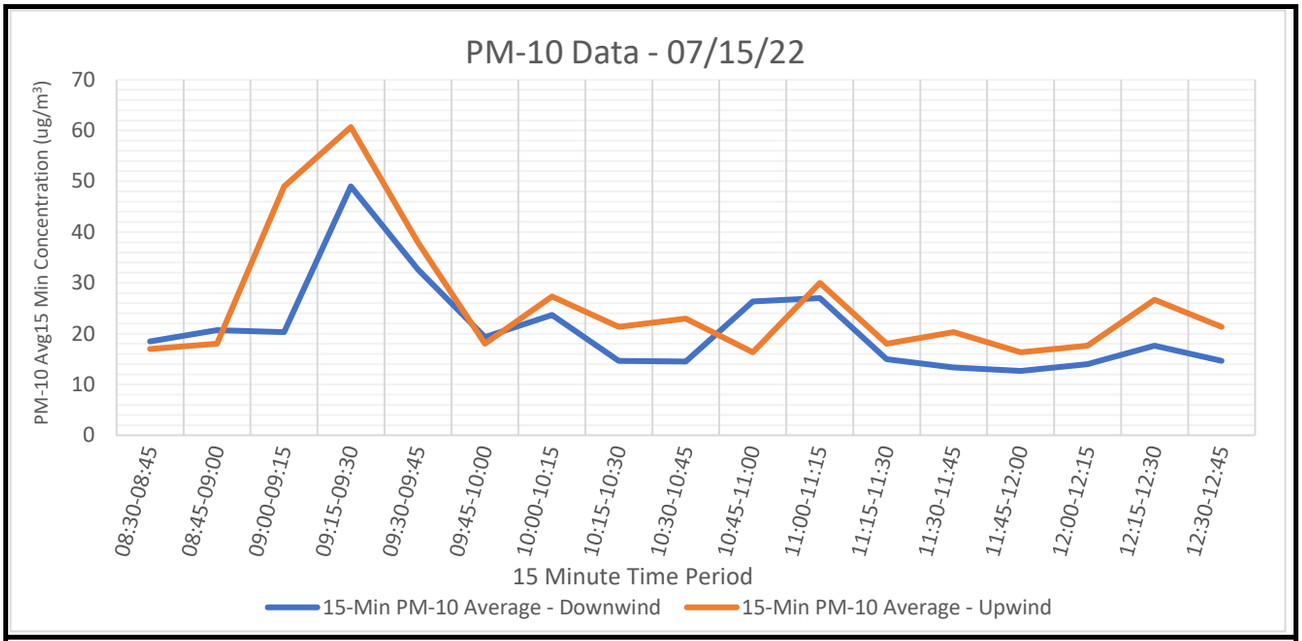
Wednesday, July 13, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	16.00	30.00
08:45-09:00	20.33	22.00
09:00-09:15	17.00	20.33
09:15-09:30	14.67	23.67
09:30-09:45	14.00	35.00
09:45-10:00	14.00	38.00
10:00-10:15	14.67	32.67
10:15-10:30	13.67	58.00
10:30-10:45	14.50	45.00
10:45-11:00	10.67	50.00
11:00-11:15	9.00	83.00
11:15-11:30	9.33	84.67
11:30-11:45	10.00	18.00
11:45-12:00	11.67	22.33
12:00-12:15	9.33	146.33
12:15-12:30	9.00	80.33
12:30-12:45	13.00	55.67
12:45-13:00	11.33	145.33
13:00-13:15	11.67	42.67
13:15-13:30	11.00	20.00
13:30-13:45	11.33	30.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



Thursday, July 14, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:45-09:00	22.50	24.00
09:00-09:15	22.67	26.33
09:15-09:30	23.33	24.67
09:30-09:45	28.00	32.67
09:45-10:00	25.33	43.67
10:00-10:15	26.00	36.00
10:15-10:30	24.00	51.33
10:30-10:45	23.00	90.67
10:45-11:00	23.50	50.50
11:00-11:15	23.00	66.33
11:15-11:30	23.00	38.33
11:30-11:45	24.67	36.67
11:45-12:00	18.67	35.00
12:00-12:15	19.33	27.00
12:15-12:30	18.50	25.00

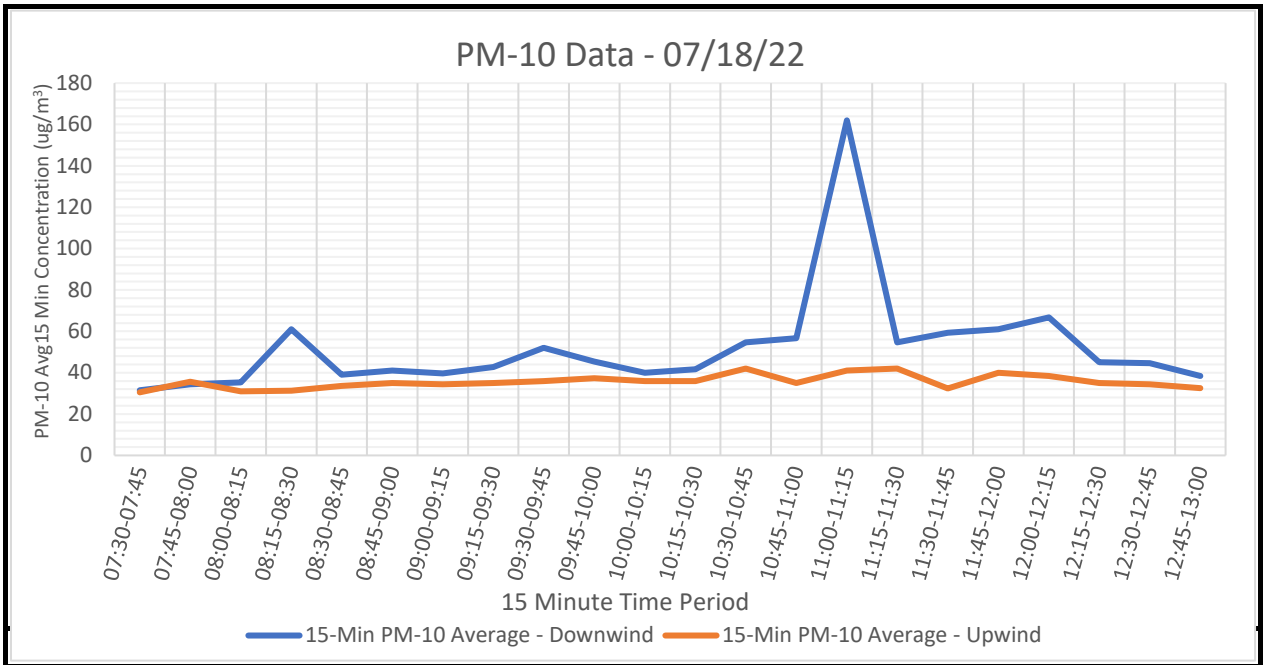
Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



Friday, July 15, 2022

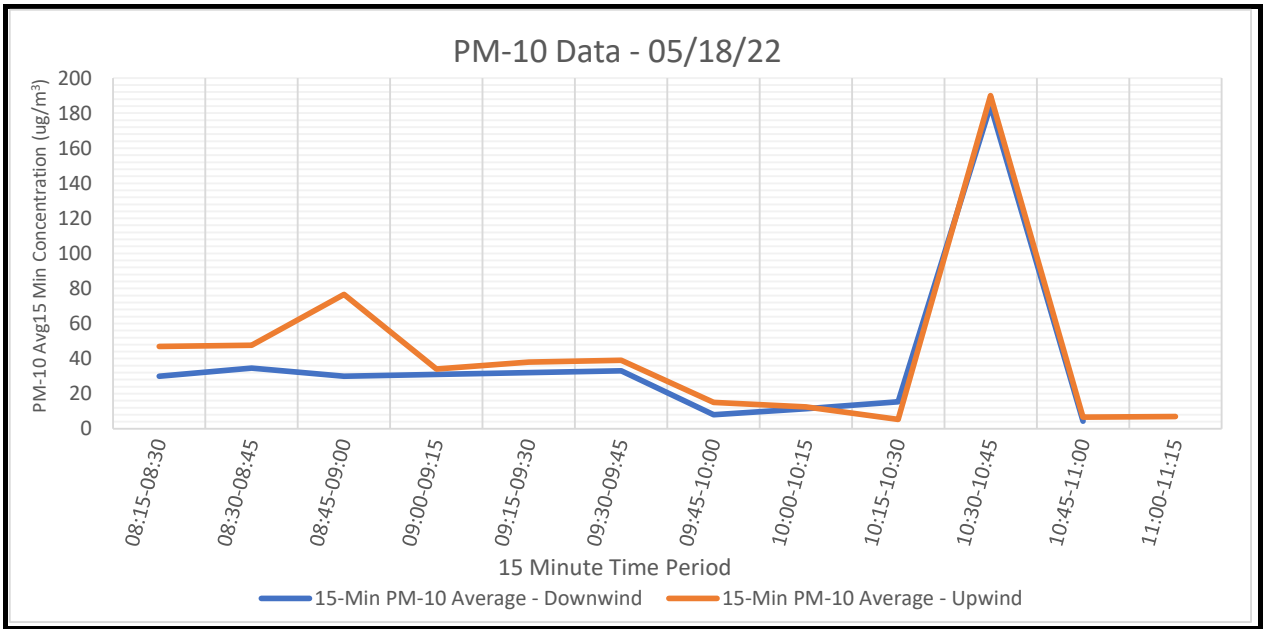
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:30-08:45	18.50	17.00
08:45-09:00	20.67	18.00
09:00-09:15	20.33	49.00
09:15-09:30	49.00	60.67
09:30-09:45	32.67	38.00
09:45-10:00	19.33	18.00
10:00-10:15	23.67	27.33
10:15-10:30	14.67	21.33
10:30-10:45	14.50	23.00
10:45-11:00	26.33	16.33
11:00-11:15	27.00	30.00
11:15-11:30	15.00	18.00
11:30-11:45	13.33	20.33
11:45-12:00	12.67	16.33
12:00-12:15	14.00	17.67
12:15-12:30	17.67	26.67
12:30-12:45	14.67	21.33

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



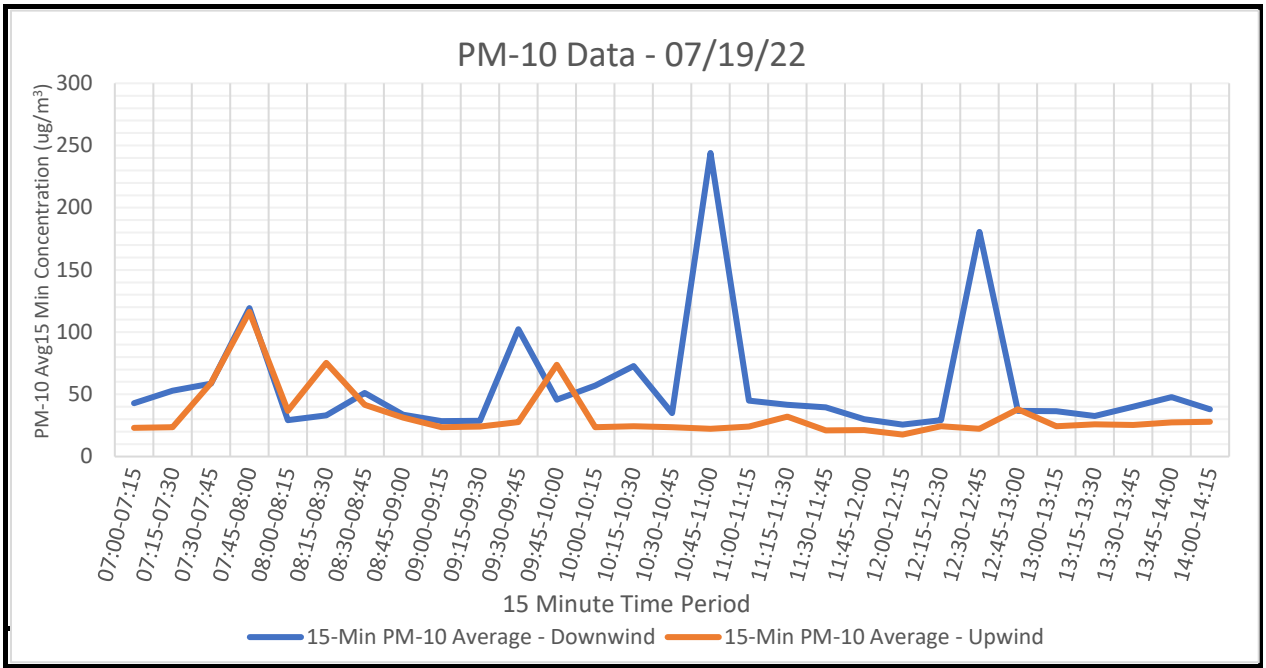
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:30-07:45	31.50	30.50
07:45-08:00	34.33	35.67
08:00-08:15	35.33	31.00
08:15-08:30	61.00	31.33
08:30-08:45	39.00	33.67
08:45-09:00	41.00	35.00
09:00-09:15	39.67	34.33
09:15-09:30	42.67	35.00
09:30-09:45	52.00	36.00
09:45-10:00	45.33	37.33
10:00-10:15	40.00	36.00
10:15-10:30	41.67	36.00
10:30-10:45	54.67	42.00
10:45-11:00	56.67	35.00
11:00-11:15	162.00	41.00
11:15-11:30	54.67	42.00
11:30-11:45	59.33	32.33
11:45-12:00	61.00	40.00
12:00-12:15	66.67	38.33
12:15-12:30	45.00	35.00
12:30-12:45	44.67	34.33
12:45-13:00	38.33	32.50

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



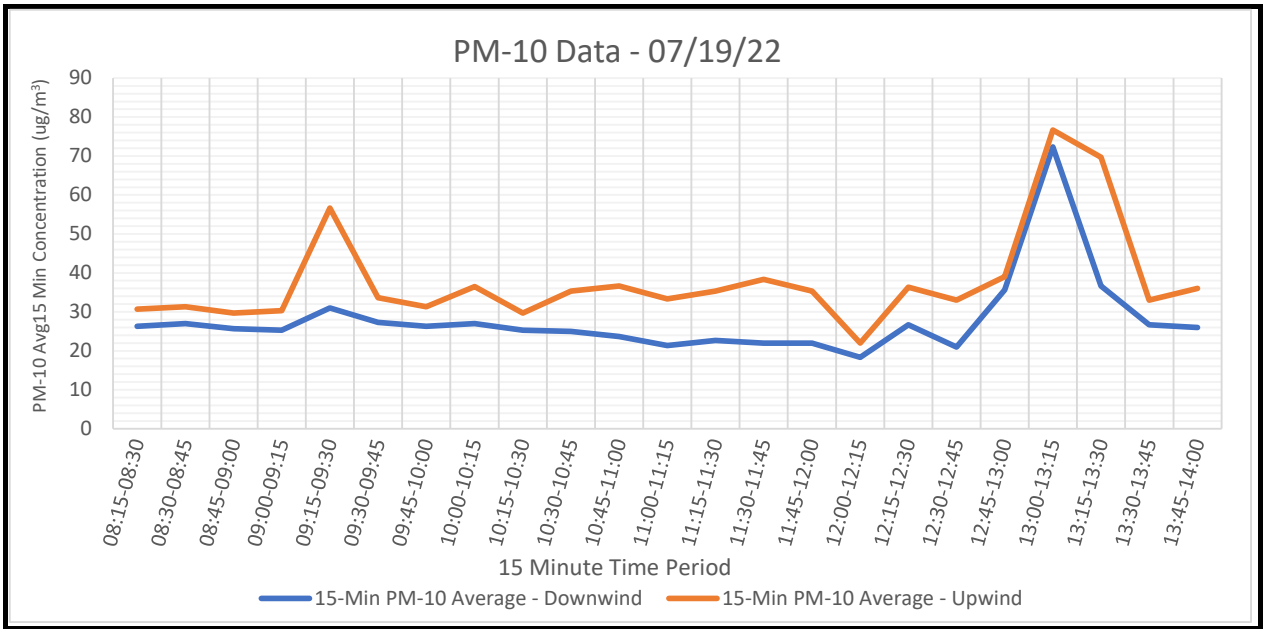
Wednesday, May 18, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	30.00	47.00
08:30-08:45	34.67	47.67
08:45-09:00	30.00	76.67
09:00-09:15	31.00	34.00
09:15-09:30	32.00	38.00
09:30-09:45	33.00	39.00
09:45-10:00	8.00	15.00
10:00-10:15	11.50	12.50
10:15-10:30	15.33	5.33
10:30-10:45	184.33	190.00
10:45-11:00	4.33	6.67
11:00-11:15		7.00

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



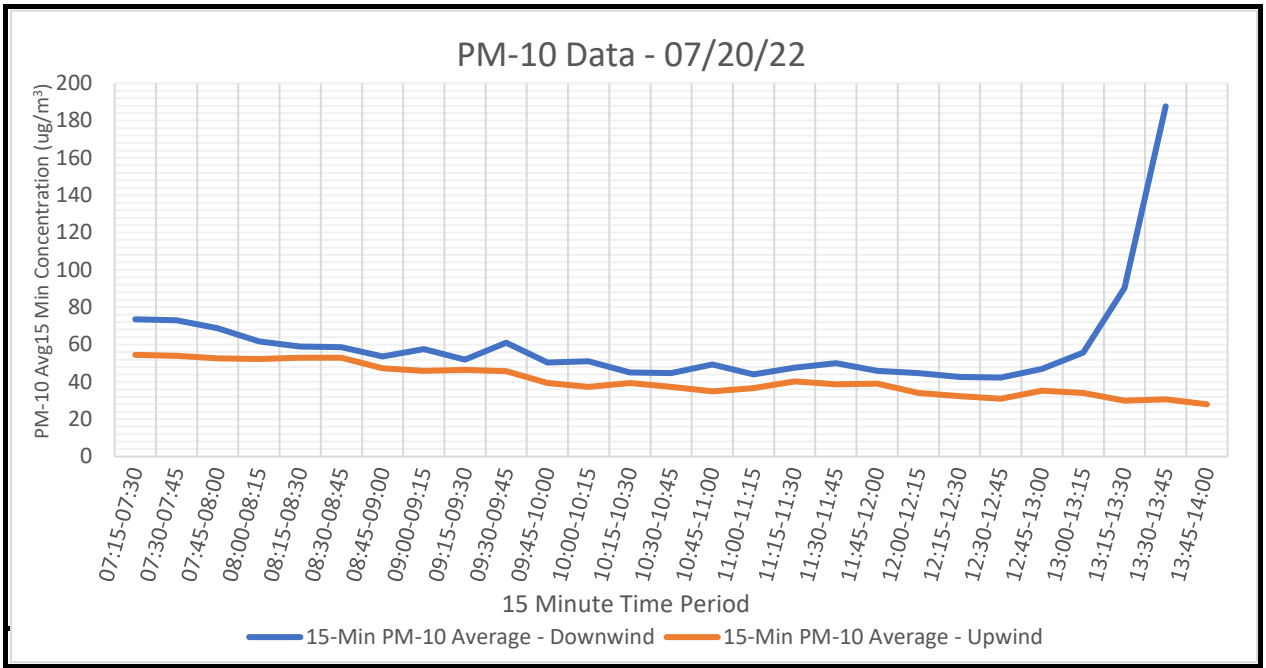
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:00-07:15	43.00	23.00
07:15-07:30	53.00	23.67
07:30-07:45	58.67	59.00
07:45-08:00	119.33	116.33
08:00-08:15	29.33	36.67
08:15-08:30	33.00	75.33
08:30-08:45	51.00	41.67
08:45-09:00	33.67	31.33
09:00-09:15	28.50	23.50
09:15-09:30	28.67	24.00
09:30-09:45	102.33	27.67
09:45-10:00	45.67	73.67
10:00-10:15	57.00	23.67
10:15-10:30	72.67	24.33
10:30-10:45	35.00	23.67
10:45-11:00	244.00	22.33
11:00-11:15	45.00	24.00
11:15-11:30	41.67	32.00
11:30-11:45	39.67	21.00
11:45-12:00	30.00	21.33
12:00-12:15	25.67	17.67
12:15-12:30	29.33	24.33
12:30-12:45	180.67	22.33
12:45-13:00	36.67	38.00
13:00-13:15	36.33	24.33
13:15-13:30	32.67	26.00
13:30-13:45	40.00	25.33
13:45-14:00	47.67	27.33
14:00-14:15	38.00	28.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



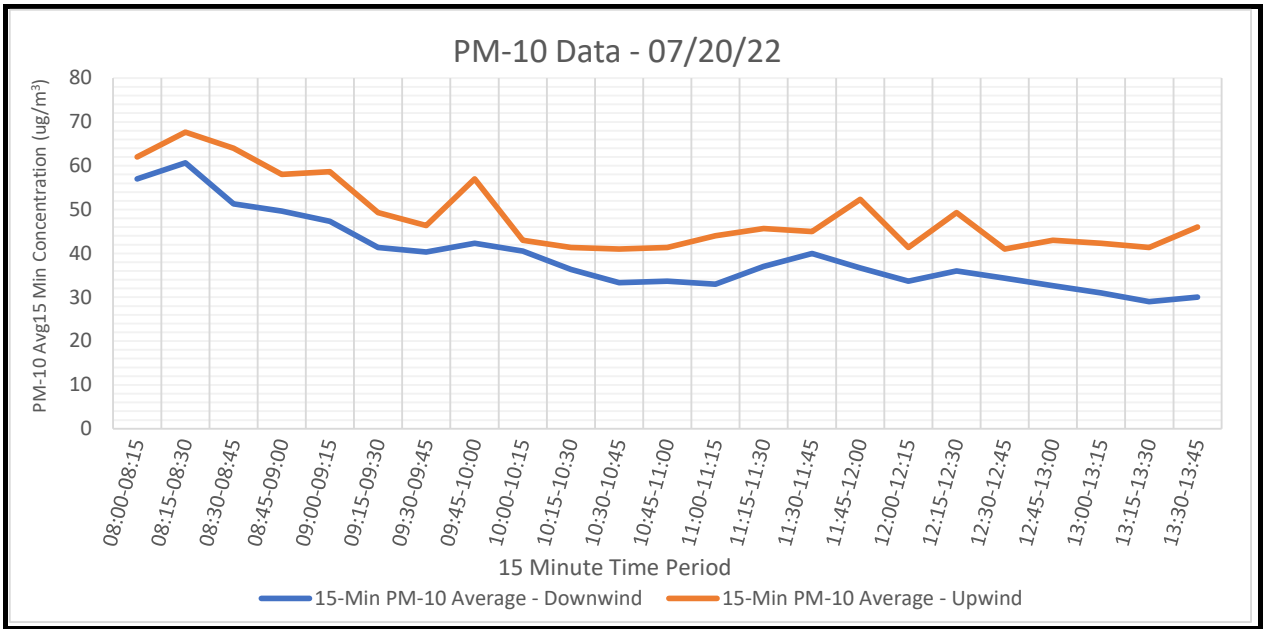
Tuesday, July 19, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	26.33	30.67
08:30-08:45	27.00	31.33
08:45-09:00	25.67	29.67
09:00-09:15	25.33	30.33
09:15-09:30	31.00	56.67
09:30-09:45	27.33	33.67
09:45-10:00	26.33	31.33
10:00-10:15	27.00	36.50
10:15-10:30	25.33	29.67
10:30-10:45	25.00	35.33
10:45-11:00	23.67	36.67
11:00-11:15	21.33	33.33
11:15-11:30	22.67	35.33
11:30-11:45	22.00	38.33
11:45-12:00	22.00	35.33
12:00-12:15	18.33	22.00
12:15-12:30	26.67	36.33
12:30-12:45	21.00	33.00
12:45-13:00	35.67	39.00
13:00-13:15	72.33	76.67
13:15-13:30	36.67	69.67
13:30-13:45	26.67	33.00
13:45-14:00	26.00	36.00

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



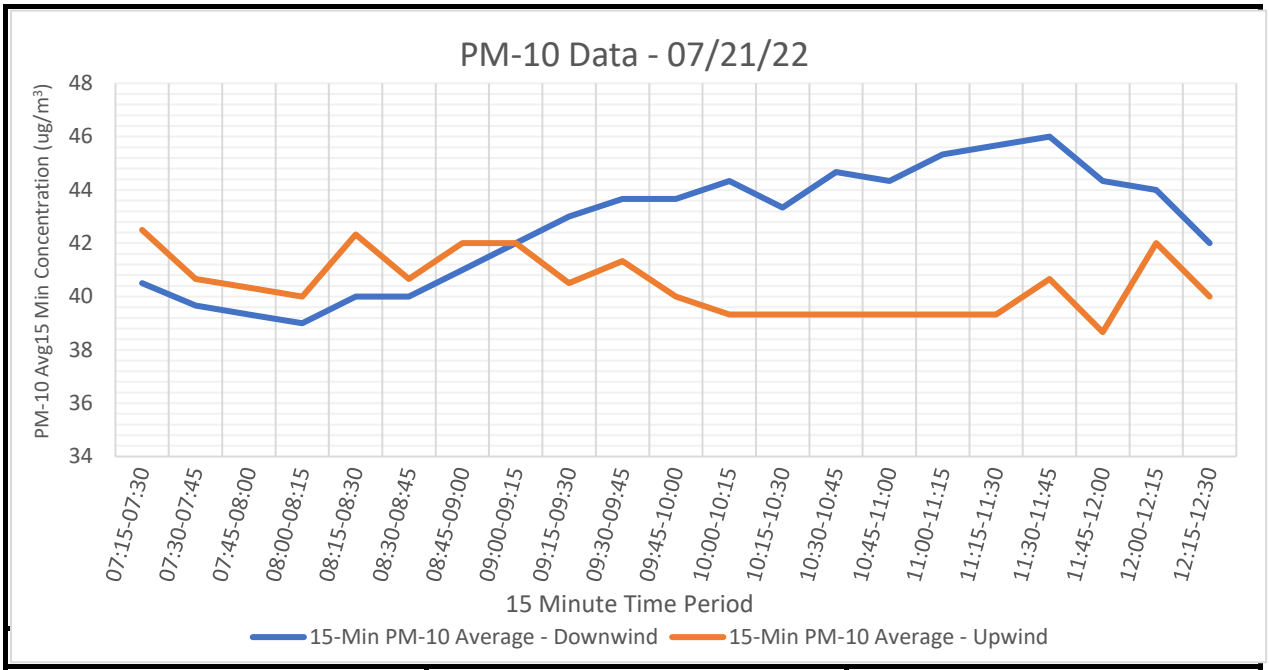
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:15-07:30	73.50	54.50
07:30-07:45	73.00	54.00
07:45-08:00	68.67	52.67
08:00-08:15	61.67	52.33
08:15-08:30	59.00	53.00
08:30-08:45	58.67	53.00
08:45-09:00	53.67	47.33
09:00-09:15	57.67	46.00
09:15-09:30	52.00	46.50
09:30-09:45	61.00	45.67
09:45-10:00	50.33	39.33
10:00-10:15	51.00	37.33
10:15-10:30	45.00	39.33
10:30-10:45	44.67	37.33
10:45-11:00	49.33	35.00
11:00-11:15	44.00	36.67
11:15-11:30	47.67	40.33
11:30-11:45	50.00	38.67
11:45-12:00	46.00	39.00
12:00-12:15	44.67	34.00
12:15-12:30	42.67	32.33
12:30-12:45	42.33	31.00
12:45-13:00	47.00	35.33
13:00-13:15	55.67	34.00
13:15-13:30	90.33	30.00
13:30-13:45	187.67	30.67
13:45-14:00		28.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



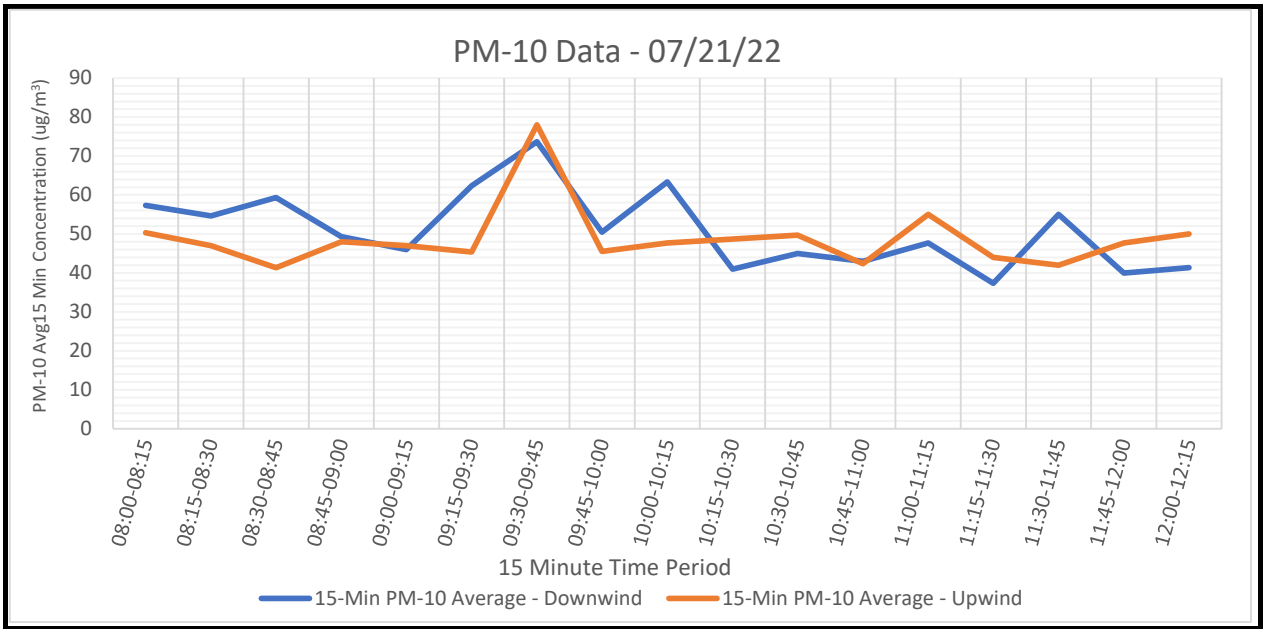
Wednesday, July 20, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	57.00	62.00
08:15-08:30	60.67	67.67
08:30-08:45	51.33	64.00
08:45-09:00	49.67	58.00
09:00-09:15	47.33	58.67
09:15-09:30	41.33	49.33
09:30-09:45	40.33	46.33
09:45-10:00	42.33	57.00
10:00-10:15	40.50	43.00
10:15-10:30	36.33	41.33
10:30-10:45	33.33	41.00
10:45-11:00	33.67	41.33
11:00-11:15	33.00	44.00
11:15-11:30	37.00	45.67
11:30-11:45	40.00	45.00
11:45-12:00	36.67	52.33
12:00-12:15	33.67	41.33
12:15-12:30	36.00	49.33
12:30-12:45	34.33	41.00
12:45-13:00	32.67	43.00
13:00-13:15	31.00	42.33
13:15-13:30	29.00	41.33
13:30-13:45	30.00	46.00

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Installation



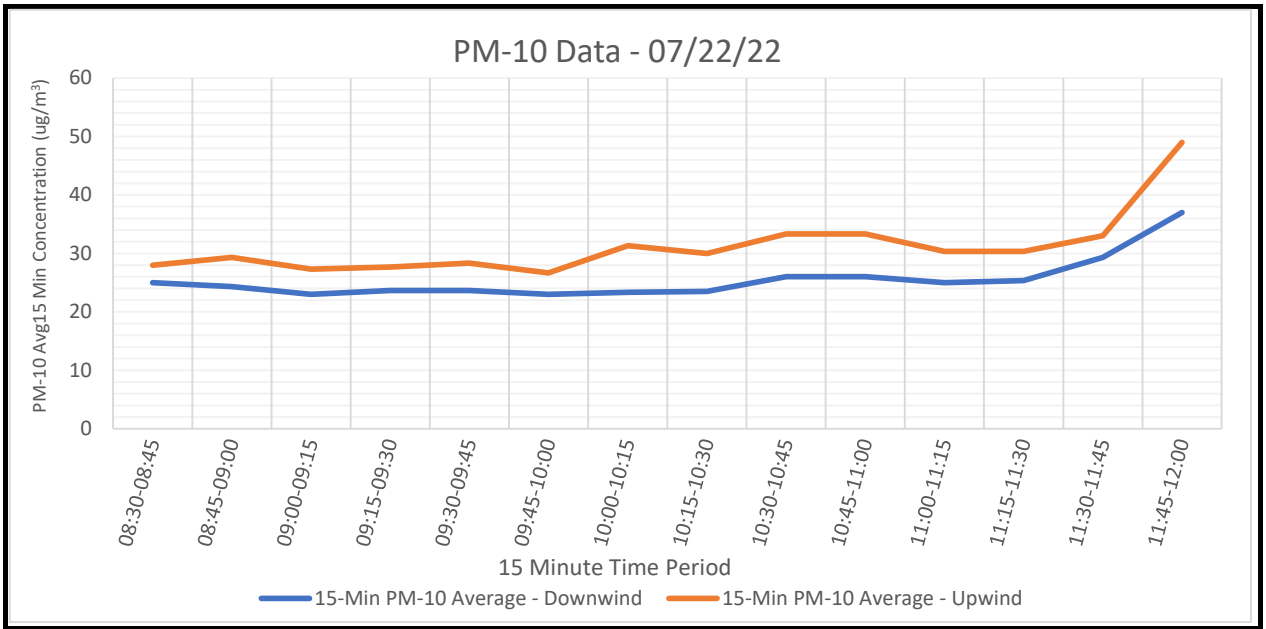
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:15-07:30	40.50	42.50
07:30-07:45	39.67	40.67
07:45-08:00	39.33	40.33
08:00-08:15	39.00	40.00
08:15-08:30	40.00	42.33
08:30-08:45	40.00	40.67
08:45-09:00	41.00	42.00
09:00-09:15	42.00	42.00
09:15-09:30	43.00	40.50
09:30-09:45	43.67	41.33
09:45-10:00	43.67	40.00
10:00-10:15	44.33	39.33
10:15-10:30	43.33	39.33
10:30-10:45	44.67	39.33
10:45-11:00	44.33	39.33
11:00-11:15	45.33	39.33
11:15-11:30	45.67	39.33
11:30-11:45	46.00	40.67
11:45-12:00	44.33	38.67
12:00-12:15	44.00	42.00
12:15-12:30	42.00	40.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



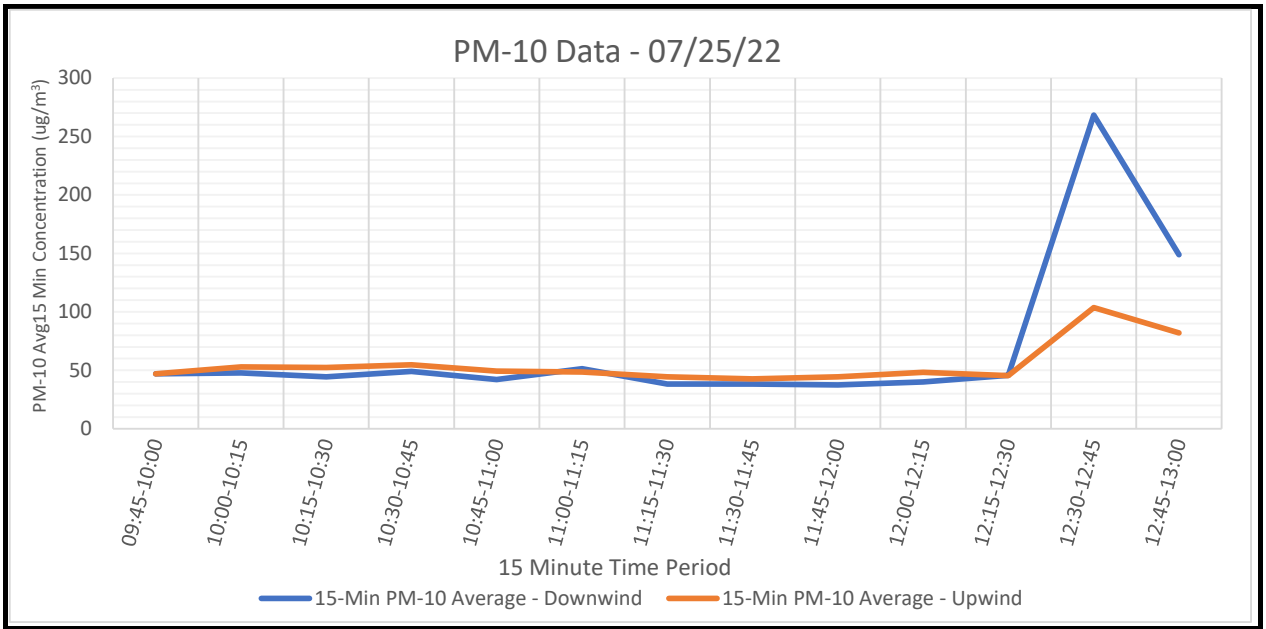
Thursday, July 21, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	57.33	50.33
08:15-08:30	54.67	47.00
08:30-08:45	59.33	41.33
08:45-09:00	49.33	48.00
09:00-09:15	46.00	47.00
09:15-09:30	62.33	45.33
09:30-09:45	73.67	78.00
09:45-10:00	50.50	45.50
10:00-10:15	63.33	47.67
10:15-10:30	41.00	48.67
10:30-10:45	45.00	49.67
10:45-11:00	43.00	42.33
11:00-11:15	47.67	55.00
11:15-11:30	37.33	44.00
11:30-11:45	55.00	42.00
11:45-12:00	40.00	47.67
12:00-12:15	41.33	50.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



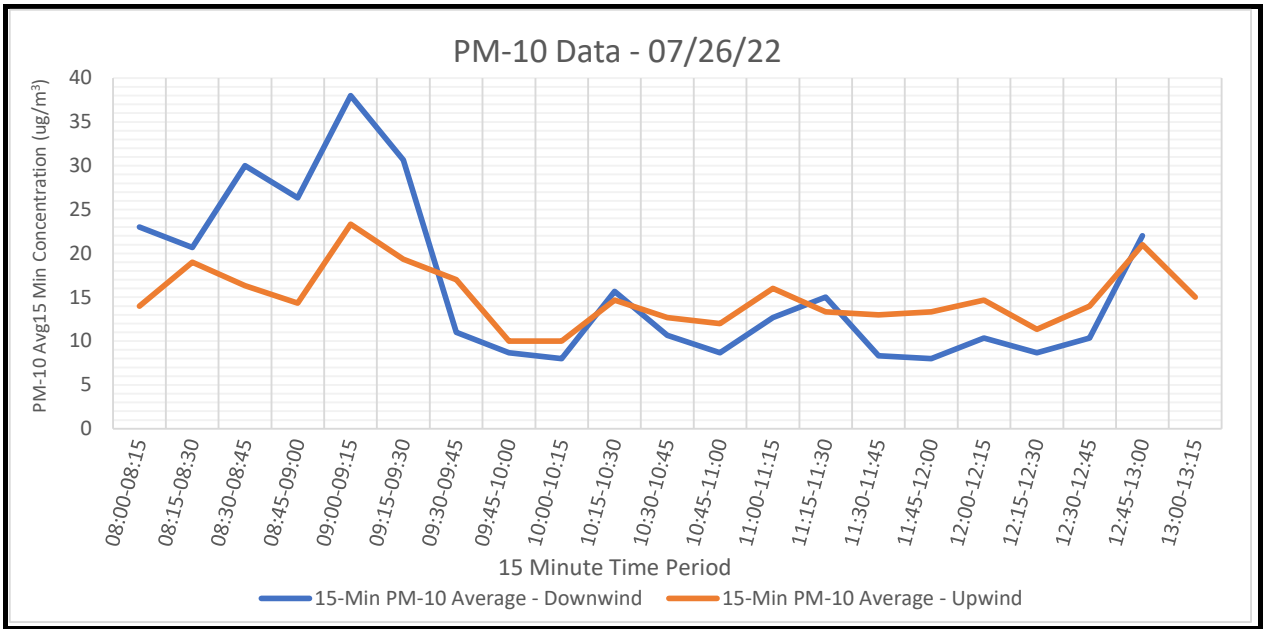
Friday, July 22, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	25.00	28.00
08:45-09:00	24.33	29.33
09:00-09:15	23.00	27.33
09:15-09:30	23.67	27.67
09:30-09:45	23.67	28.33
09:45-10:00	23.00	26.67
10:00-10:15	23.33	31.33
10:15-10:30	23.50	30.00
10:30-10:45	26.00	33.33
10:45-11:00	26.00	33.33
11:00-11:15	25.00	30.33
11:15-11:30	25.33	30.33
11:30-11:45	29.33	33.00
11:45-12:00	37.00	49.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



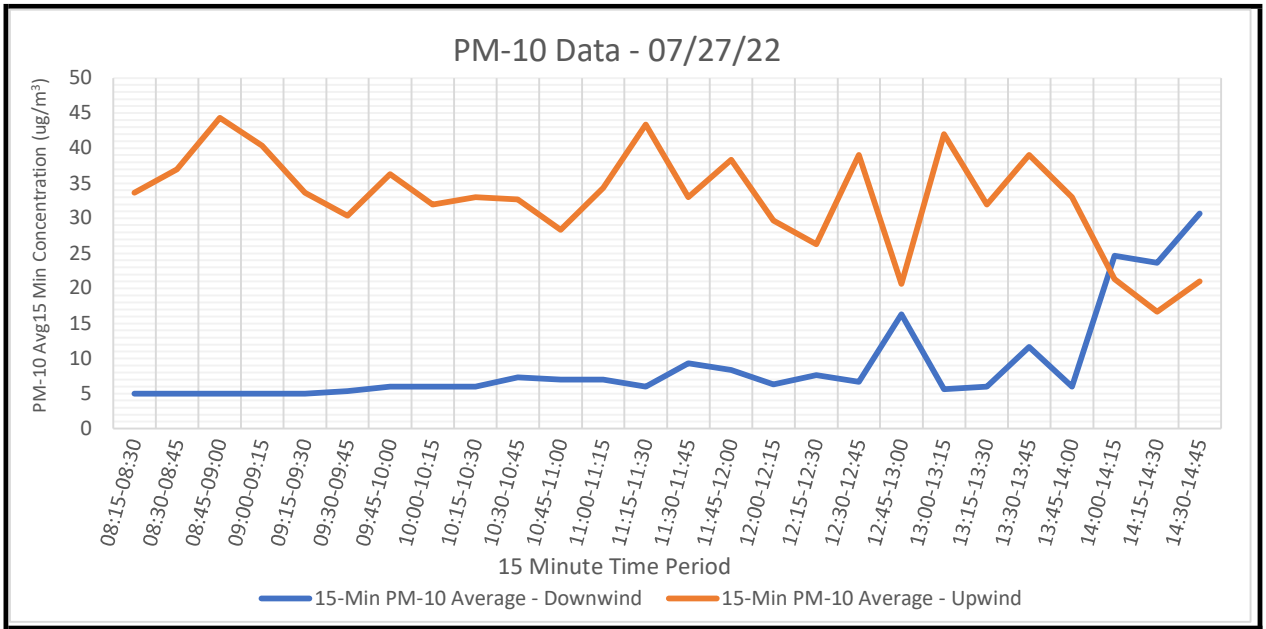
Monday, July 25, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:45-10:00	47.00	47.00
10:00-10:15	47.67	53.00
10:15-10:30	44.33	52.33
10:30-10:45	49.00	54.67
10:45-11:00	42.00	49.33
11:00-11:15	51.33	48.67
11:15-11:30	38.33	44.33
11:30-11:45	38.33	42.67
11:45-12:00	37.50	44.50
12:00-12:15	40.00	48.33
12:15-12:30	45.67	45.33
12:30-12:45	268.33	103.67
12:45-13:00	149.00	82.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



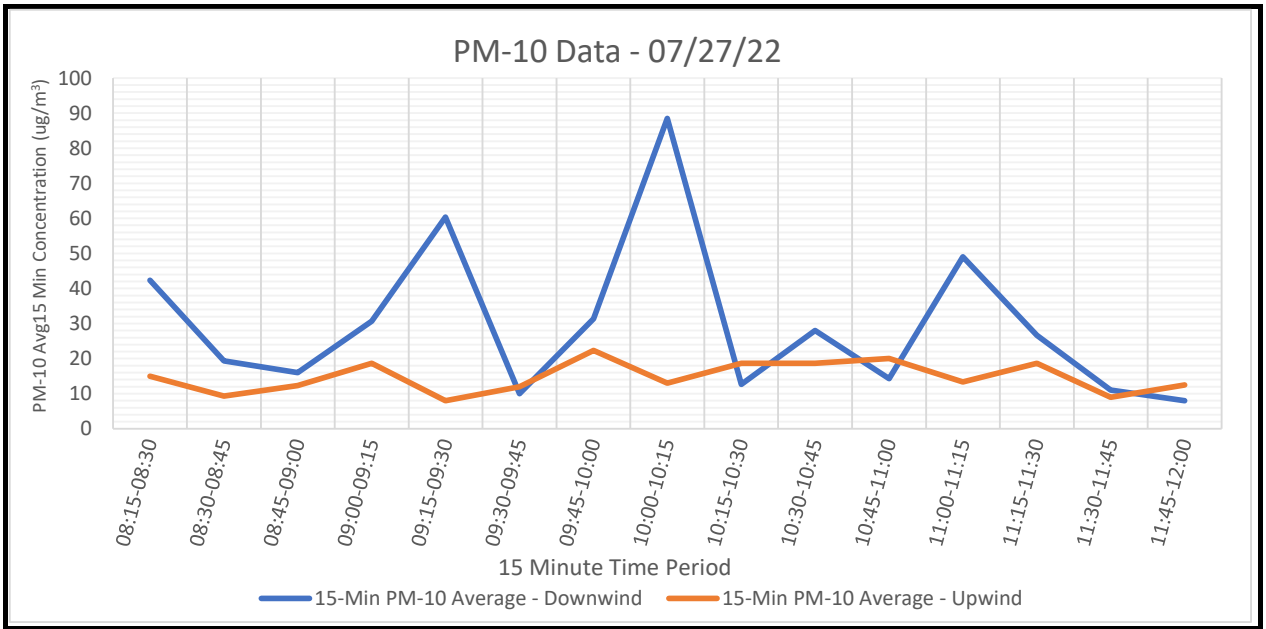
Tuesday, July 26, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	23.00	14.00
08:15-08:30	20.67	19.00
08:30-08:45	30.00	16.33
08:45-09:00	26.33	14.33
09:00-09:15	38.00	23.33
09:15-09:30	30.67	19.33
09:30-09:45	11.00	17.00
09:45-10:00	8.67	10.00
10:00-10:15	8.00	10.00
10:15-10:30	15.67	14.67
10:30-10:45	10.67	12.67
10:45-11:00	8.67	12.00
11:00-11:15	12.67	16.00
11:15-11:30	15.00	13.33
11:30-11:45	8.33	13.00
11:45-12:00	8.00	13.33
12:00-12:15	10.33	14.67
12:15-12:30	8.67	11.33
12:30-12:45	10.33	14.00
12:45-13:00	22.00	21.00
13:00-13:15		15.00

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Inspection



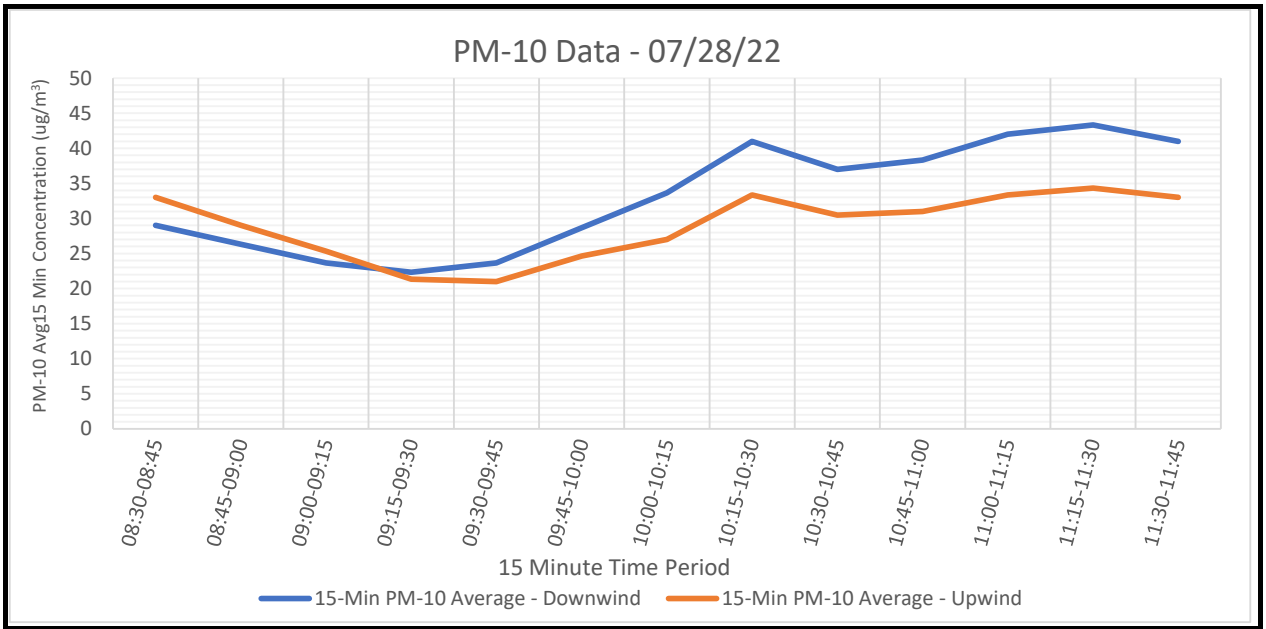
Wednesday, July 27, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	5.00	33.67
08:30-08:45	5.00	37.00
08:45-09:00	5.00	44.33
09:00-09:15	5.00	40.33
09:15-09:30	5.00	33.67
09:30-09:45	5.33	30.33
09:45-10:00	6.00	36.33
10:00-10:15	6.00	32.00
10:15-10:30	6.00	33.00
10:30-10:45	7.33	32.67
10:45-11:00	7.00	28.33
11:00-11:15	7.00	34.33
11:15-11:30	6.00	43.33
11:30-11:45	9.33	33.00
11:45-12:00	8.33	38.33
12:00-12:15	6.33	29.67
12:15-12:30	7.67	26.33
12:30-12:45	6.67	39.00
12:45-13:00	16.33	20.67
13:00-13:15	5.67	42.00
13:15-13:30	6.00	32.00
13:30-13:45	11.67	39.00
13:45-14:00	6.00	33.00
14:00-14:15	24.67	21.33
14:15-14:30	23.67	16.67

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



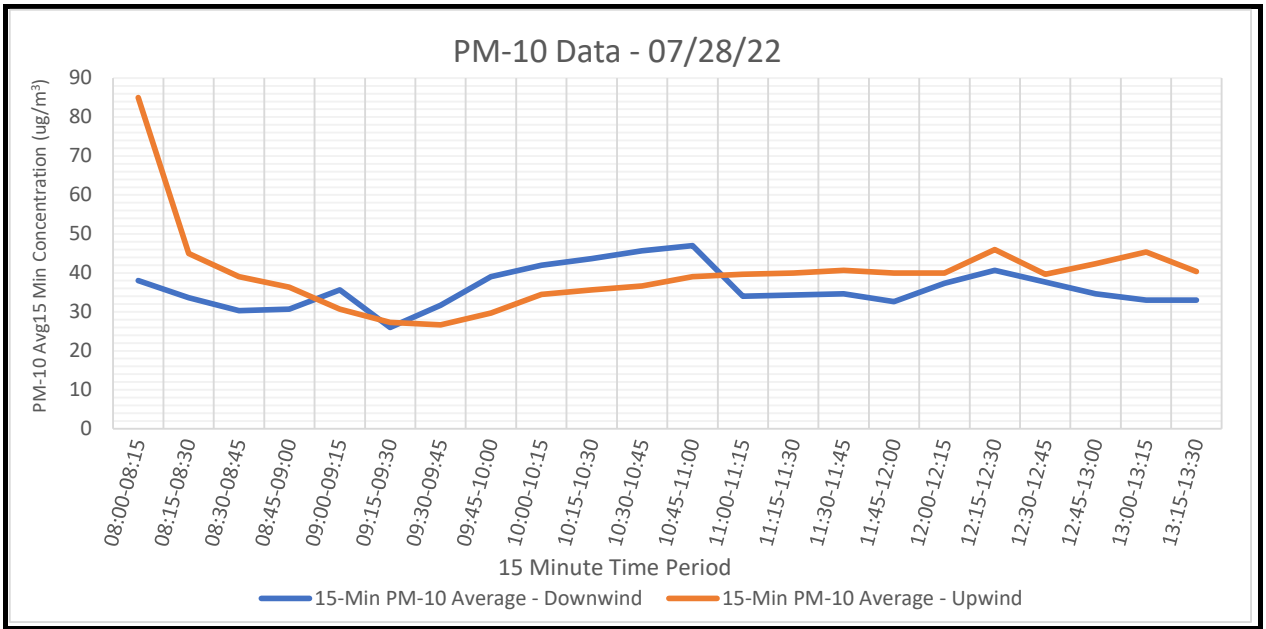
Wednesday, July 27, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	42.33	15.00
08:30-08:45	19.33	9.33
08:45-09:00	16.00	12.33
09:00-09:15	30.67	18.67
09:15-09:30	60.33	8.00
09:30-09:45	10.00	12.00
09:45-10:00	31.33	22.33
10:00-10:15	88.50	13.00
10:15-10:30	12.67	18.67
10:30-10:45	28.00	18.67
10:45-11:00	14.33	20.00
11:00-11:15	49.00	13.33
11:15-11:30	26.67	18.67
11:30-11:45	11.00	9.00
11:45-12:00	8.00	12.50

Daily CAMP Monitoring Results
Building 127 Manhole and Duct Bank Inspection



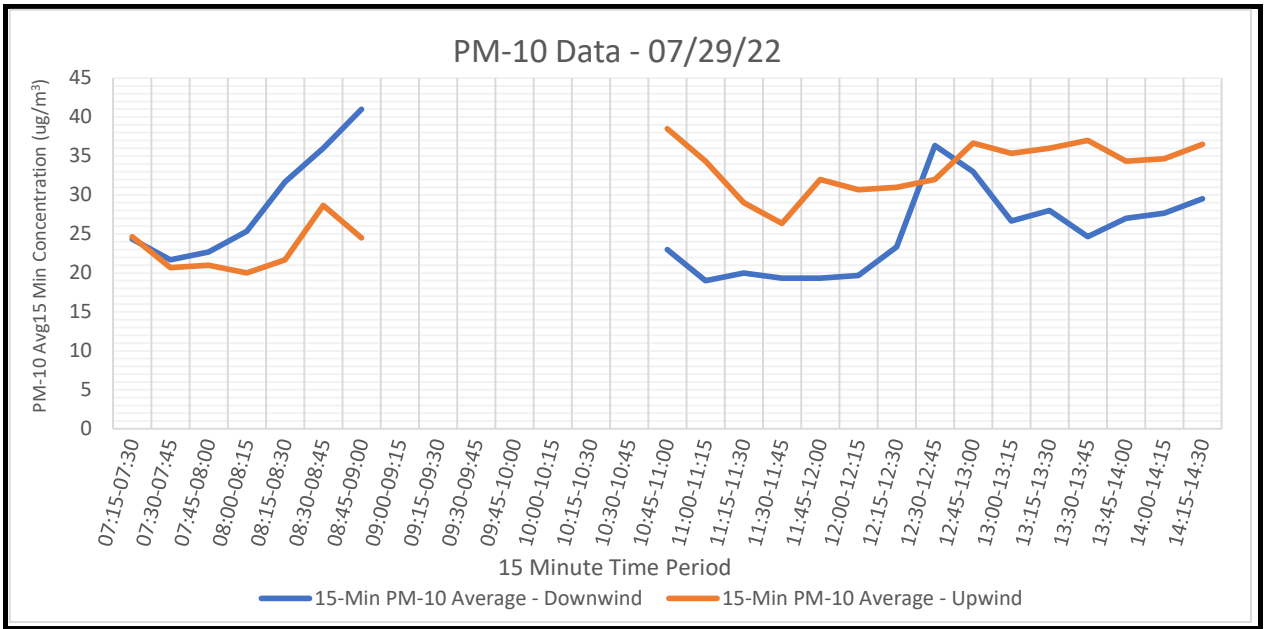
Thursday, July 28, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:30-08:45	29.00	33.00
08:45-09:00	26.33	29.00
09:00-09:15	23.67	25.33
09:15-09:30	22.33	21.33
09:30-09:45	23.67	21.00
09:45-10:00	28.67	24.67
10:00-10:15	33.67	27.00
10:15-10:30	41.00	33.33
10:30-10:45	37.00	30.50
10:45-11:00	38.33	31.00
11:00-11:15	42.00	33.33
11:15-11:30	43.33	34.33
11:30-11:45	41.00	33.00

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



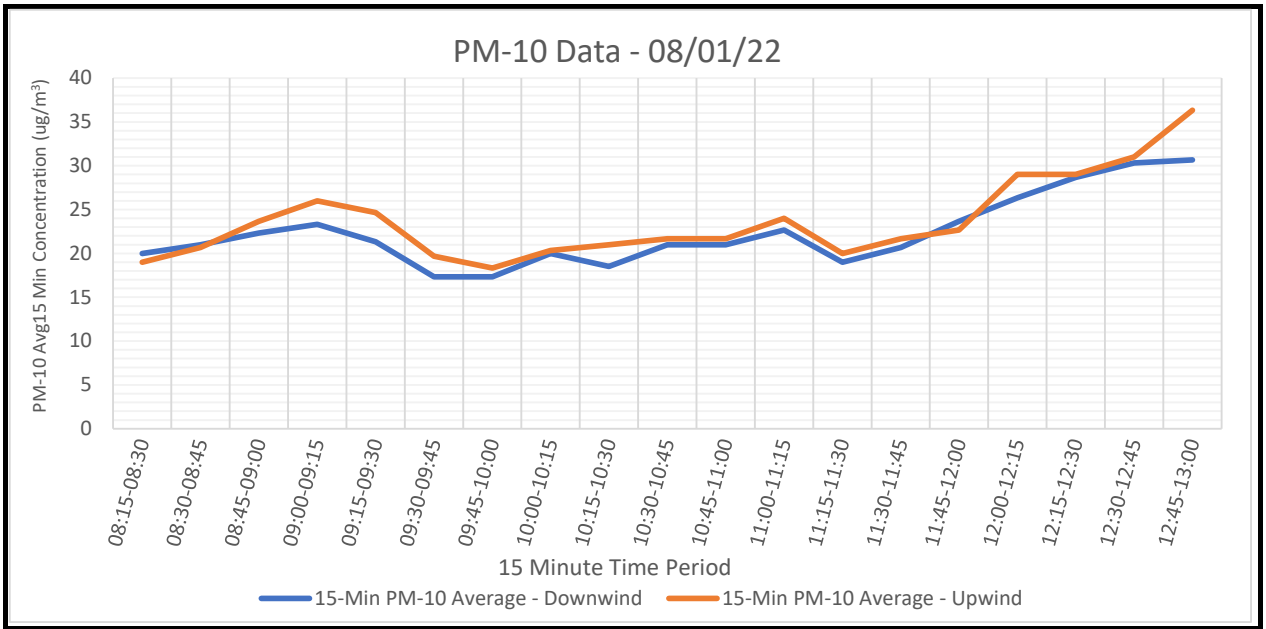
Thursday, July 28, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	38.00	85.00
08:15-08:30	33.67	45.00
08:30-08:45	30.33	39.00
08:45-09:00	30.67	36.33
09:00-09:15	35.67	30.67
09:15-09:30	26.00	27.33
09:30-09:45	31.67	26.67
09:45-10:00	39.00	29.67
10:00-10:15	42.00	34.50
10:15-10:30	43.67	35.67
10:30-10:45	45.67	36.67
10:45-11:00	47.00	39.00
11:00-11:15	34.00	39.67
11:15-11:30	34.33	40.00
11:30-11:45	34.67	40.67
11:45-12:00	32.67	40.00
12:00-12:15	37.33	40.00
12:15-12:30	40.67	46.00
12:30-12:45	37.67	39.67
12:45-13:00	34.67	42.33
13:00-13:15	33.00	45.33
13:15-13:30	33.00	40.33

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



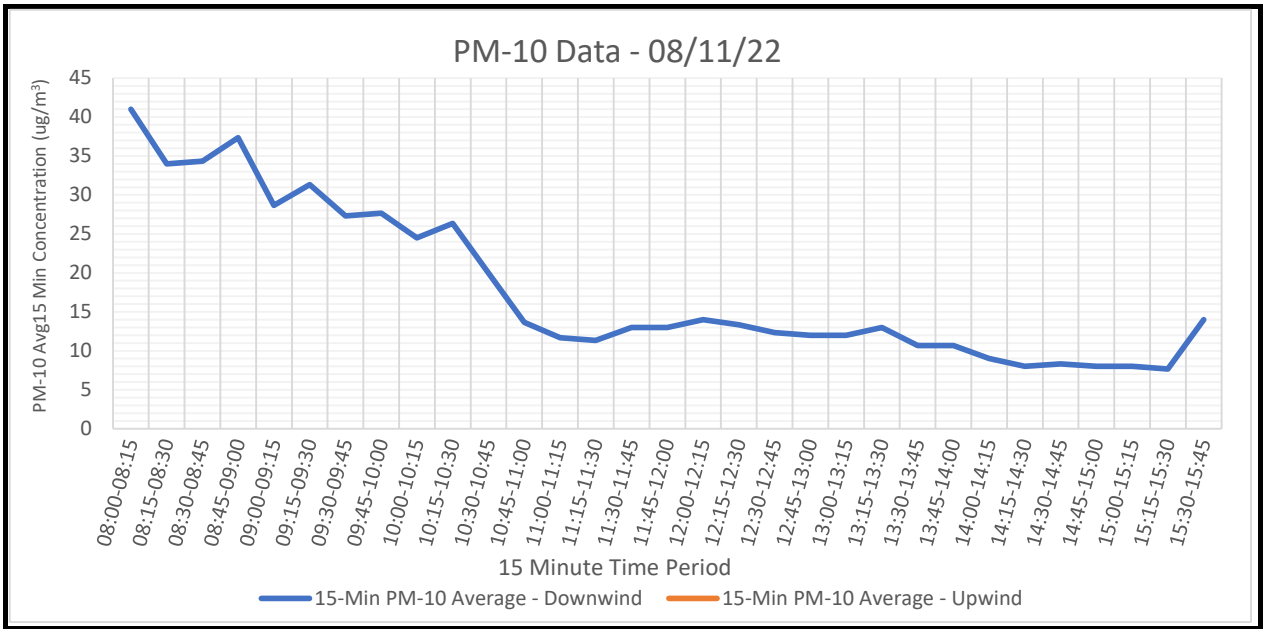
Friday, July 29, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30	24.33	24.67
07:30-07:45	21.67	20.67
07:45-08:00	22.67	21.00
08:00-08:15	25.33	20.00
08:15-08:30	31.67	21.67
08:30-08:45	36.00	28.67
08:45-09:00	41.00	24.50
09:00-10:45	N/A	N/A
10:45-11:00	23.00	38.50
11:00-11:15	19.00	34.33
11:15-11:30	20.00	29.00
11:30-11:45	19.33	26.33
11:45-12:00	19.33	32.00
12:00-12:15	19.67	30.67
12:15-12:30	23.33	31.00
12:30-12:45	36.33	32.00
12:45-13:00	33.00	36.67
13:00-13:15	26.67	35.33
13:15-13:30	28.00	36.00
13:30-13:45	24.67	37.00
13:45-14:00	27.00	34.33
14:00-14:15	27.67	34.67
14:15-14:30	29.50	36.50

Daily CAMP Monitoring Results
Berth 9-11 Small Boat Basin



Monday, August 01, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	20.00	19.00
08:30-08:45	21.00	20.67
08:45-09:00	22.33	23.67
09:00-09:15	23.33	26.00
09:15-09:30	21.33	24.67
09:30-09:45	17.33	19.67
09:45-10:00	17.33	18.33
10:00-10:15	20.00	20.33
10:15-10:30	18.50	21.00
10:30-10:45	21.00	21.67
10:45-11:00	21.00	21.67
11:00-11:15	22.67	24.00
11:15-11:30	19.00	20.00
11:30-11:45	20.67	21.67
11:45-12:00	23.67	22.67
12:00-12:15	26.33	29.00
12:15-12:30	28.67	29.00
12:30-12:45	30.33	31.00
12:45-13:00	30.67	36.33

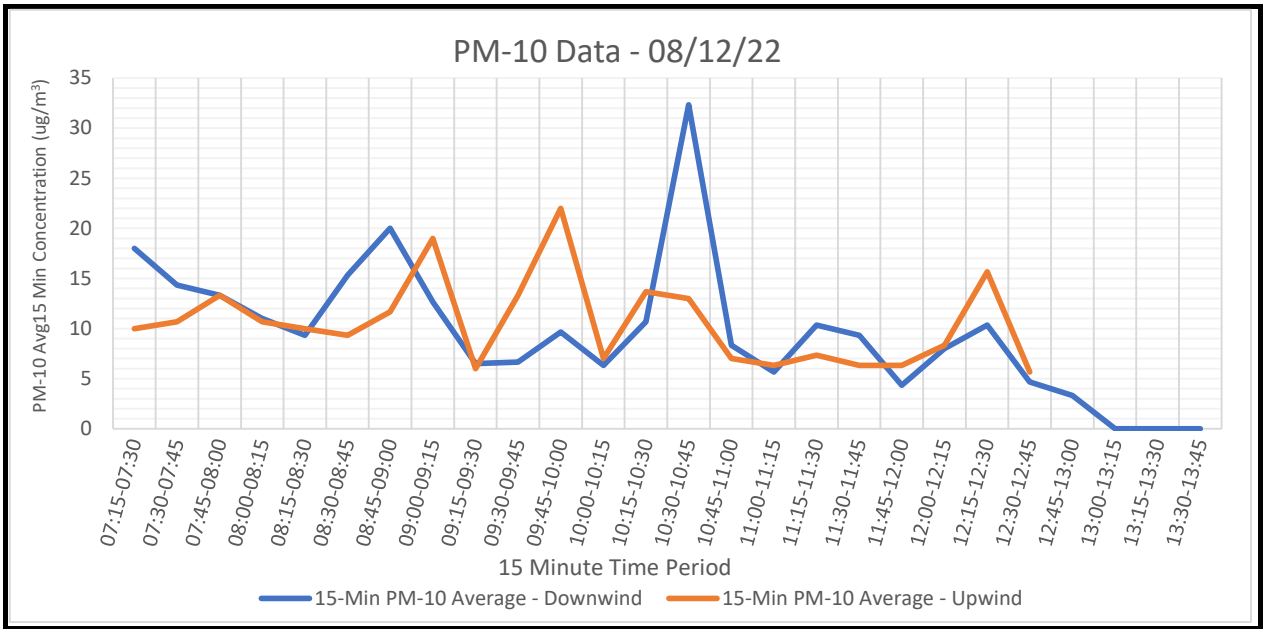
Daily CAMP Monitoring Results
Building 5 Parking Lot



Thursday, August 11, 2022

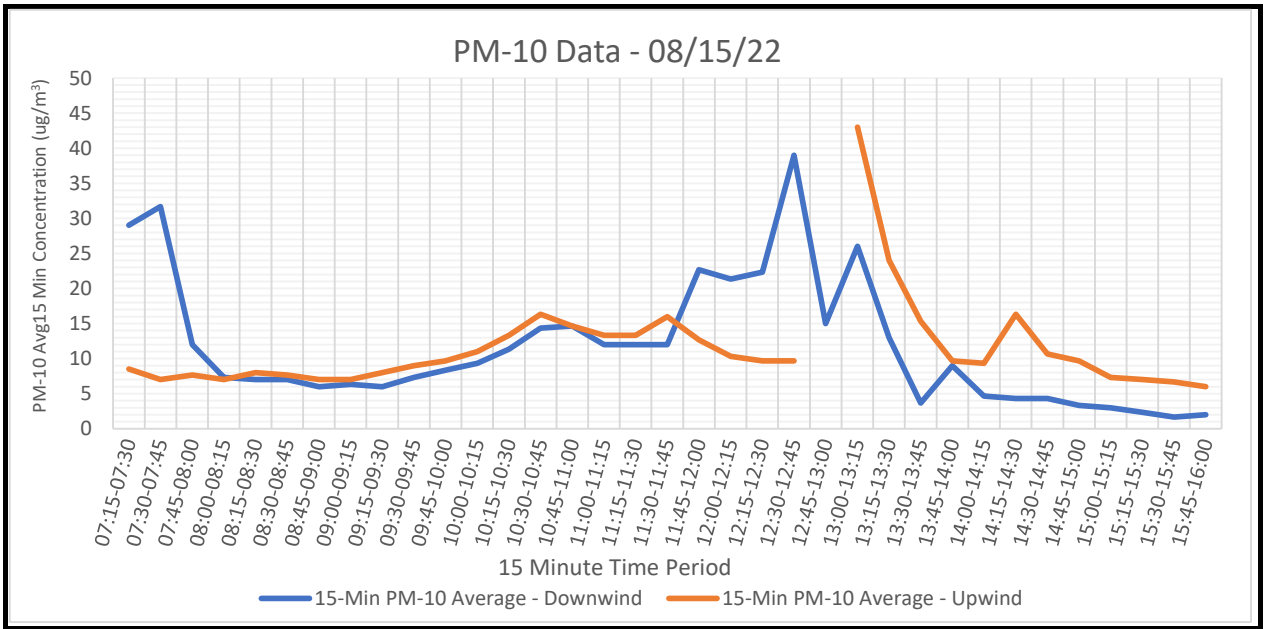
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:00-08:15	41.00	
08:15-08:30	34.00	
08:30-08:45	34.33	
08:45-09:00	37.33	
09:00-09:15	28.67	
09:15-09:30	31.33	
09:30-09:45	27.33	
09:45-10:00	27.67	
10:00-10:15	24.50	
10:15-10:30	26.33	
10:30-10:45	20.00	
10:45-11:00	13.67	
11:00-11:15	11.67	
11:15-11:30	11.33	
11:30-11:45	13.00	
11:45-12:00	13.00	
12:00-12:15	14.00	
12:15-12:30	13.33	
12:30-12:45	12.33	
12:45-13:00	12.00	
13:00-13:15	12.00	
13:15-13:30	13.00	
13:30-13:45	10.67	
13:45-14:00	10.67	
14:00-14:15	9.00	
14:15-14:30	8.00	
14:30-14:45	8.33	
14:45-15:00	8.00	
15:00-15:15	8.00	
15:15-15:30	7.67	
15:30-15:45	14.00	

Daily CAMP Monitoring Results
Building 5 Parking Lot



Friday, August 12, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30	18.00	10.00
07:30-07:45	14.33	10.67
07:45-08:00	13.33	13.33
08:00-08:15	11.00	10.67
08:15-08:30	9.33	10.00
08:30-08:45	15.33	9.33
08:45-09:00	20.00	11.67
09:00-09:15	12.67	19.00
09:15-09:30	6.50	6.00
09:30-09:45	6.67	13.33
09:45-10:00	9.67	22.00
10:00-10:15	6.33	7.00
10:15-10:30	10.67	13.67
10:30-10:45	32.33	13.00
10:45-11:00	8.33	7.00
11:00-11:15	5.67	6.33
11:15-11:30	10.33	7.33
11:30-11:45	9.33	6.33
11:45-12:00	4.33	6.33
12:00-12:15	8.00	8.33
12:15-12:30	10.33	15.67
12:30-12:45	4.67	5.67
12:45-13:00	3.33	

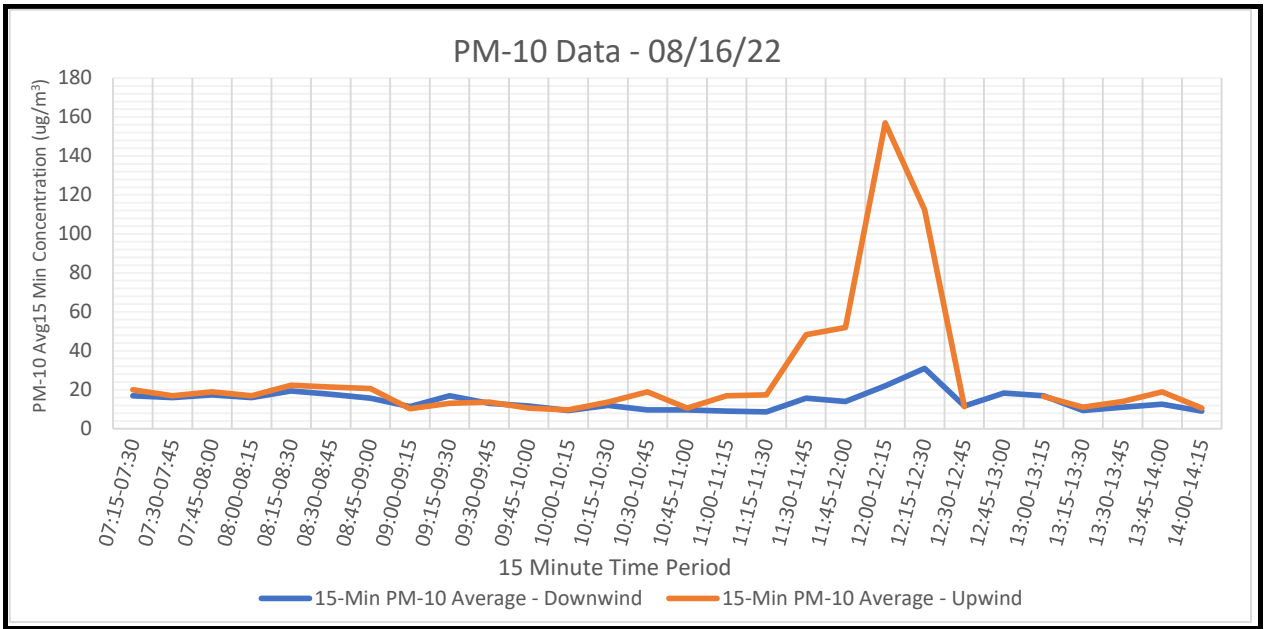
Daily CAMP Monitoring Results
Building 5 Parking Lot



Monday, August 15, 2022

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:15-07:30	29.00	8.50
07:30-07:45	31.67	7.00
07:45-08:00	12.00	7.67
08:00-08:15	7.33	7.00
08:15-08:30	7.00	8.00
08:30-08:45	7.00	7.67
08:45-09:00	6.00	7.00
09:00-09:15	6.33	7.00
09:15-09:30	6.00	8.00
09:30-09:45	7.33	9.00
09:45-10:00	8.33	9.67
10:00-10:15	9.33	11.00
10:15-10:30	11.33	13.33
10:30-10:45	14.33	16.33
10:45-11:00	14.67	14.67
11:00-11:15	12.00	13.33
11:15-11:30	12.00	13.33
11:30-11:45	12.00	16.00
11:45-12:00	22.67	12.67
12:00-12:15	21.33	10.33
12:15-12:30	22.33	9.67
12:30-12:45	39.00	9.67
12:45-13:00	15.00	
13:00-13:15	26.00	43.00
13:15-13:30	13.00	24.00
13:30-13:45	3.67	15.33
13:45-14:00	9.00	9.67
14:00-14:15	4.67	9.33
14:15-14:30	4.33	16.33
14:30-14:45	4.33	10.67
14:45-15:00	3.33	9.67
15:00-15:15	3.00	7.33
15:15-15:30	2.33	7.00
15:30-15:45	1.67	6.67
15:45-16:00	2.00	6.00

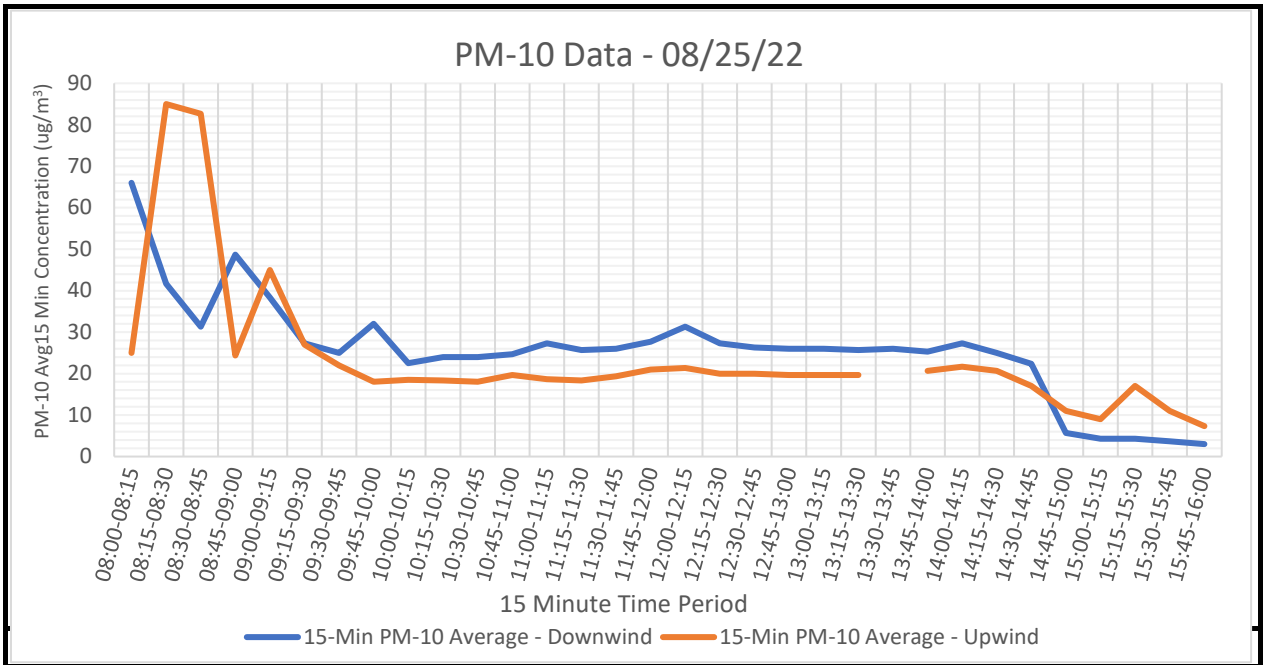
Daily CAMP Monitoring Results
Building 5 Parking Lot



Tuesday, August 16, 2022

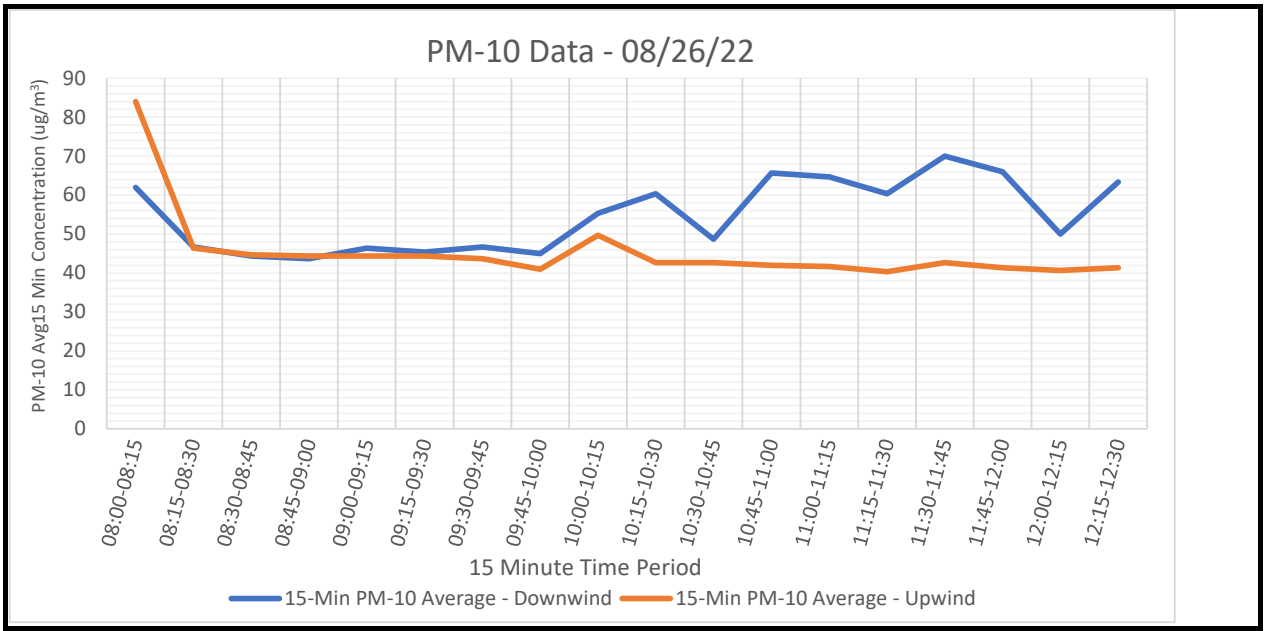
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:15-07:30	17.00	20.00
07:30-07:45	16.00	17.00
07:45-08:00	17.33	19.00
08:00-08:15	16.00	17.00
08:15-08:30	19.33	22.33
08:30-08:45	17.67	21.33
08:45-09:00	15.67	20.67
09:00-09:15	11.33	10.33
09:15-09:30	17.00	13.00
09:30-09:45	13.00	13.67
09:45-10:00	11.67	10.67
10:00-10:15	9.33	9.67
10:15-10:30	12.00	13.67
10:30-10:45	9.67	19.00
10:45-11:00	9.67	10.67
11:00-11:15	9.00	17.00
11:15-11:30	8.67	17.33
11:30-11:45	15.67	48.33
11:45-12:00	14.00	52.00
12:00-12:15	22.00	157.00
12:15-12:30	31.00	112.33
12:30-12:45	11.67	11.33
12:45-13:00	18.33	
13:00-13:15	17.00	16.67
13:15-13:30	9.33	11.00
13:30-13:45	11.00	14.00
13:45-14:00	12.67	19.00
14:00-14:15	9.00	10.67

Daily CAMP Monitoring Results
Building 5 Parking Lot



15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:00-08:15	66.00	25.00
08:15-08:30	41.67	85.00
08:30-08:45	31.33	82.67
08:45-09:00	48.67	24.33
09:00-09:15	38.33	45.00
09:15-09:30	27.33	27.00
09:30-09:45	25.00	22.00
09:45-10:00	32.00	18.00
10:00-10:15	22.50	18.50
10:15-10:30	24.00	18.33
10:30-10:45	24.00	18.00
10:45-11:00	24.67	19.67
11:00-11:15	27.33	18.67
11:15-11:30	25.67	18.33
11:30-11:45	26.00	19.33
11:45-12:00	27.67	21.00
12:00-12:15	31.33	21.33
12:15-12:30	27.33	20.00
12:30-12:45	26.33	20.00
12:45-13:00	26.00	19.67
13:00-13:15	26.00	19.67
13:15-13:30	25.67	19.67
13:30-13:45	26.00	
13:45-14:00	25.33	20.67
14:00-14:15	27.33	21.67
14:15-14:30	25.00	20.67
14:30-14:45	22.33	17.00
14:45-15:00	5.67	11.00
15:00-15:15	4.33	9.00
15:15-15:30	4.33	17.00
15:30-15:45	3.67	11.00
15:45-16:00	3.00	7.33

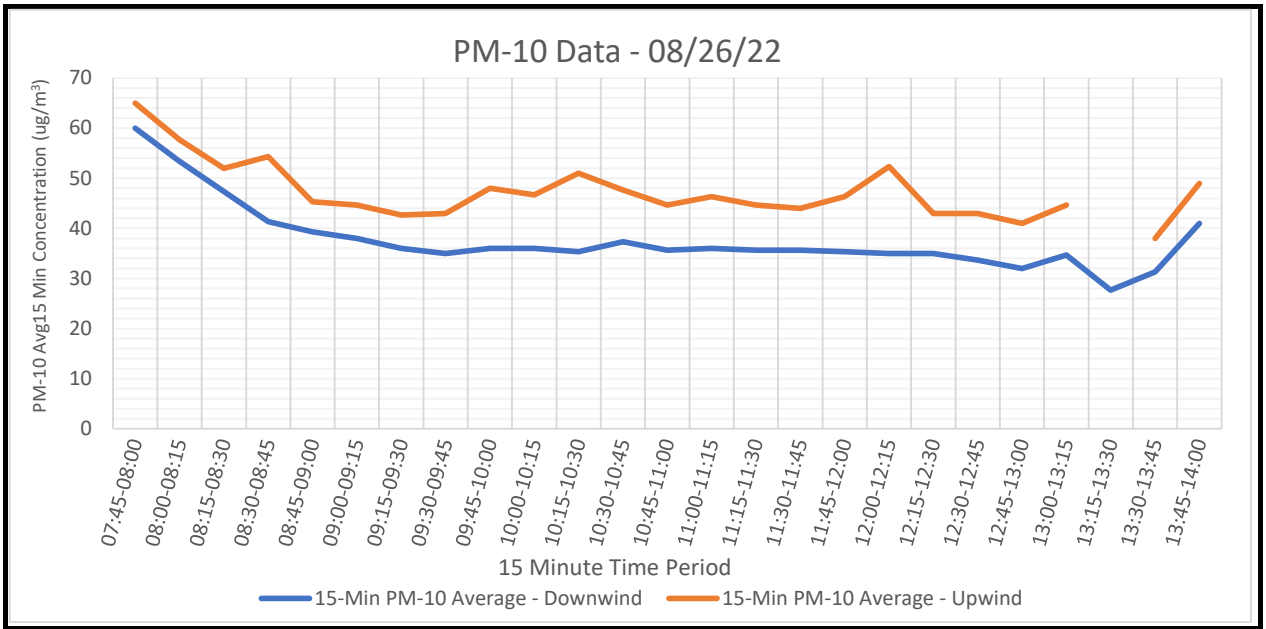
Daily CAMP Monitoring Results
Security Gate Geotech



Friday, August 26, 2022

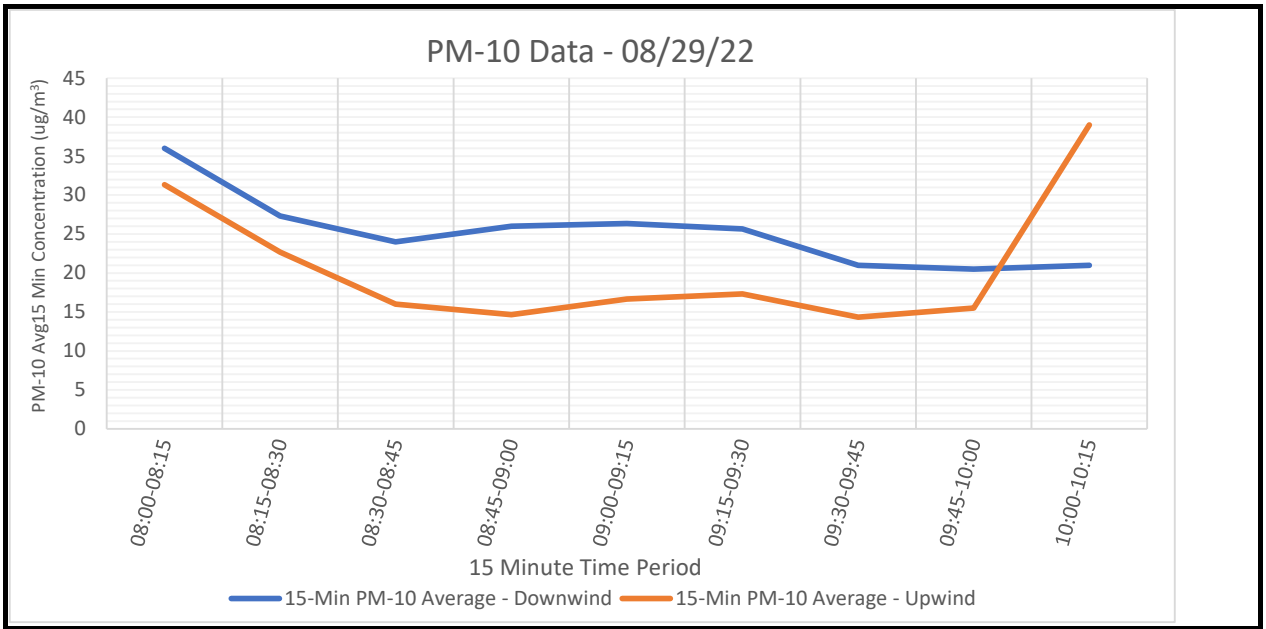
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:00-08:15	62.00	84.00
08:15-08:30	46.67	46.33
08:30-08:45	44.33	44.67
08:45-09:00	43.67	44.33
09:00-09:15	46.33	44.33
09:15-09:30	45.33	44.33
09:30-09:45	46.67	43.67
09:45-10:00	45.00	41.00
10:00-10:15	55.33	49.67
10:15-10:30	60.33	42.67
10:30-10:45	48.67	42.67
10:45-11:00	65.67	42.00
11:00-11:15	64.67	41.67
11:15-11:30	60.33	40.33
11:30-11:45	70.00	42.67
11:45-12:00	66.00	41.33
12:00-12:15	50.00	40.67
12:15-12:30	63.33	41.33

Daily CAMP Monitoring Results
Building 5 Parking Lot



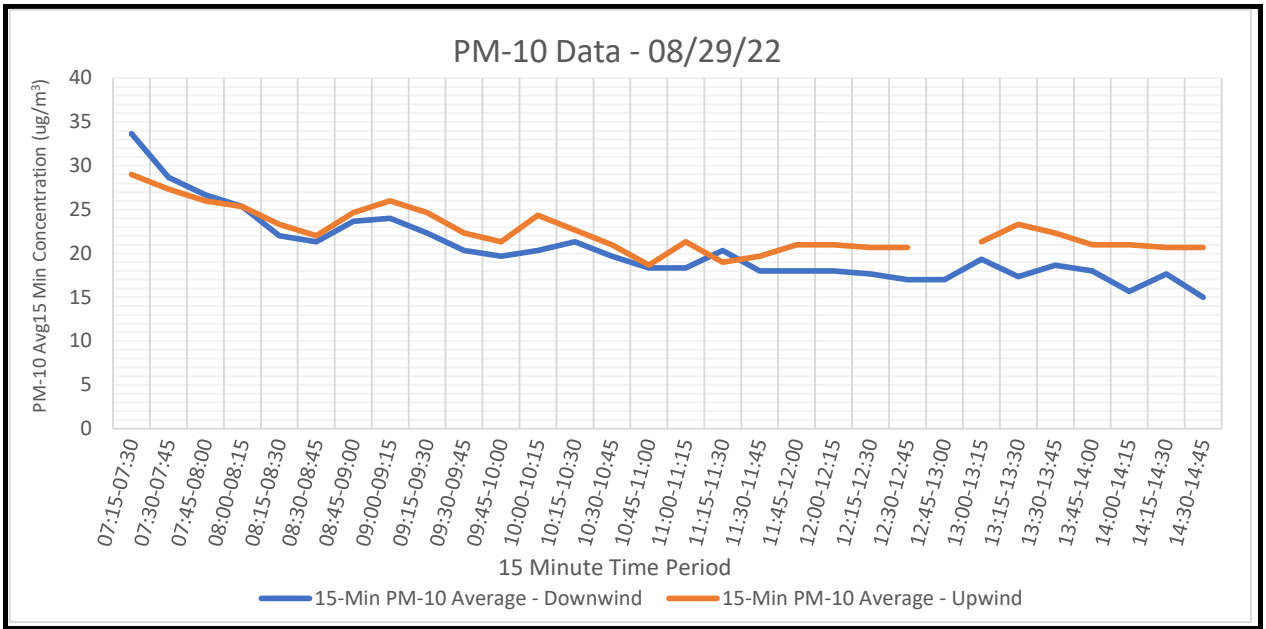
Friday, August 26, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:45-08:00	60.00	65.00
08:00-08:15	53.33	57.67
08:15-08:30	47.33	52.00
08:30-08:45	41.33	54.33
08:45-09:00	39.33	45.33
09:00-09:15	38.00	44.67
09:15-09:30	36.00	42.67
09:30-09:45	35.00	43.00
09:45-10:00	36.00	48.00
10:00-10:15	36.00	46.67
10:15-10:30	35.33	51.00
10:30-10:45	37.33	47.67
10:45-11:00	35.67	44.67
11:00-11:15	36.00	46.33
11:15-11:30	35.67	44.67
11:30-11:45	35.67	44.00
11:45-12:00	35.33	46.33
12:00-12:15	35.00	52.33
12:15-12:30	35.00	43.00
12:30-12:45	33.67	43.00
12:45-13:00	32.00	41.00
13:00-13:15	34.67	44.67
13:15-13:30	27.67	
13:30-13:45	31.33	38.00
13:45-14:00	41.00	49.00

Daily CAMP Monitoring Results
Security Booth Geotech



Monday, August 29, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:00-08:15	36.00	31.33
08:15-08:30	27.33	22.67
08:30-08:45	24.00	16.00
08:45-09:00	26.00	14.67
09:00-09:15	26.33	16.67
09:15-09:30	25.67	17.33
09:30-09:45	21.00	14.33
09:45-10:00	20.50	15.50
10:00-10:15	21.00	39.00

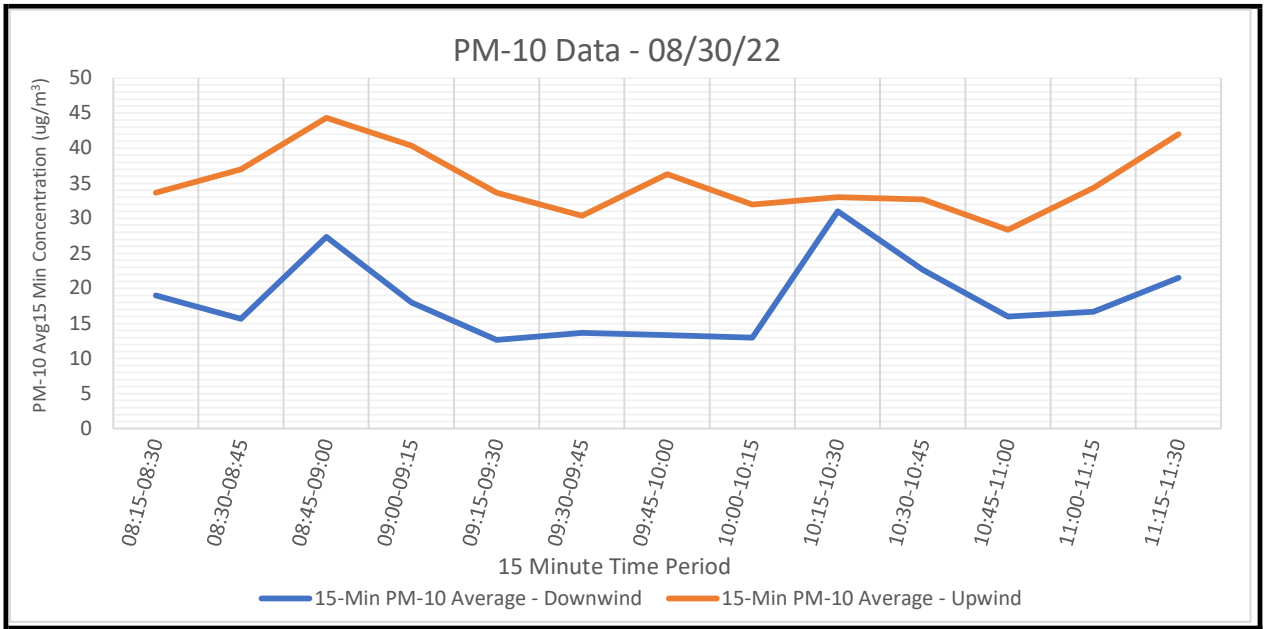
Daily CAMP Monitoring Results
Building 5 Parking Lot



Monday, August 29, 2022

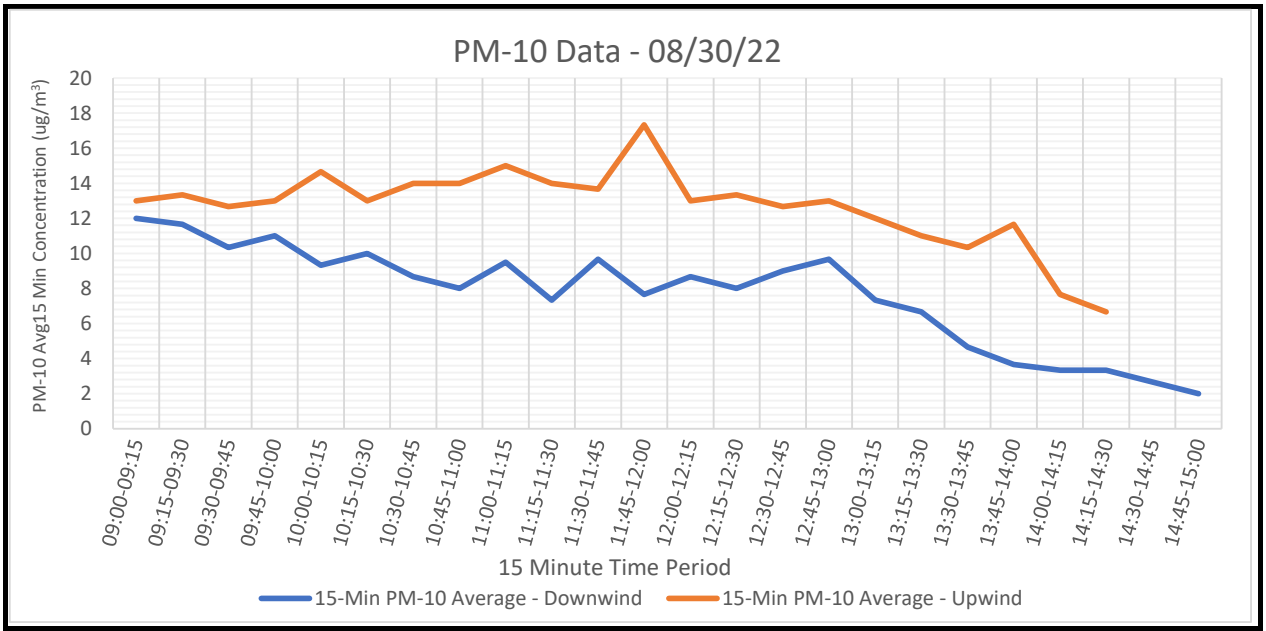
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:15-07:30	33.67	29.00
07:30-07:45	28.67	27.33
07:45-08:00	26.67	26.00
08:00-08:15	25.33	25.33
08:15-08:30	22.00	23.33
08:30-08:45	21.33	22.00
08:45-09:00	23.67	24.67
09:00-09:15	24.00	26.00
09:15-09:30	22.33	24.67
09:30-09:45	20.33	22.33
09:45-10:00	19.67	21.33
10:00-10:15	20.33	24.33
10:15-10:30	21.33	22.67
10:30-10:45	19.67	21.00
10:45-11:00	18.33	18.67
11:00-11:15	18.33	21.33
11:15-11:30	20.33	19.00
11:30-11:45	18.00	19.67
11:45-12:00	18.00	21.00
12:00-12:15	18.00	21.00
12:15-12:30	17.67	20.67
12:30-12:45	17.00	20.67
12:45-13:00	17.00	
13:00-13:15	19.33	21.33
13:15-13:30	17.33	23.33
13:30-13:45	18.67	22.33
13:45-14:00	18.00	21.00
14:00-14:15	15.67	21.00
14:15-14:30	17.67	20.67
14:30-14:45	15.00	20.67

Daily CAMP Monitoring Results
Backflow Preventer



Tuesday, August 30, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
08:15-08:30	19.00	33.67
08:30-08:45	15.67	37.00
08:45-09:00	27.33	44.33
09:00-09:15	18.00	40.33
09:15-09:30	12.67	33.67
09:30-09:45	13.67	30.33
09:45-10:00	13.33	36.33
10:00-10:15	13.00	32.00
10:15-10:30	31.00	33.00
10:30-10:45	22.67	32.67
10:45-11:00	16.00	28.33
11:00-11:15	16.67	34.33
11:15-11:30	21.50	42.00

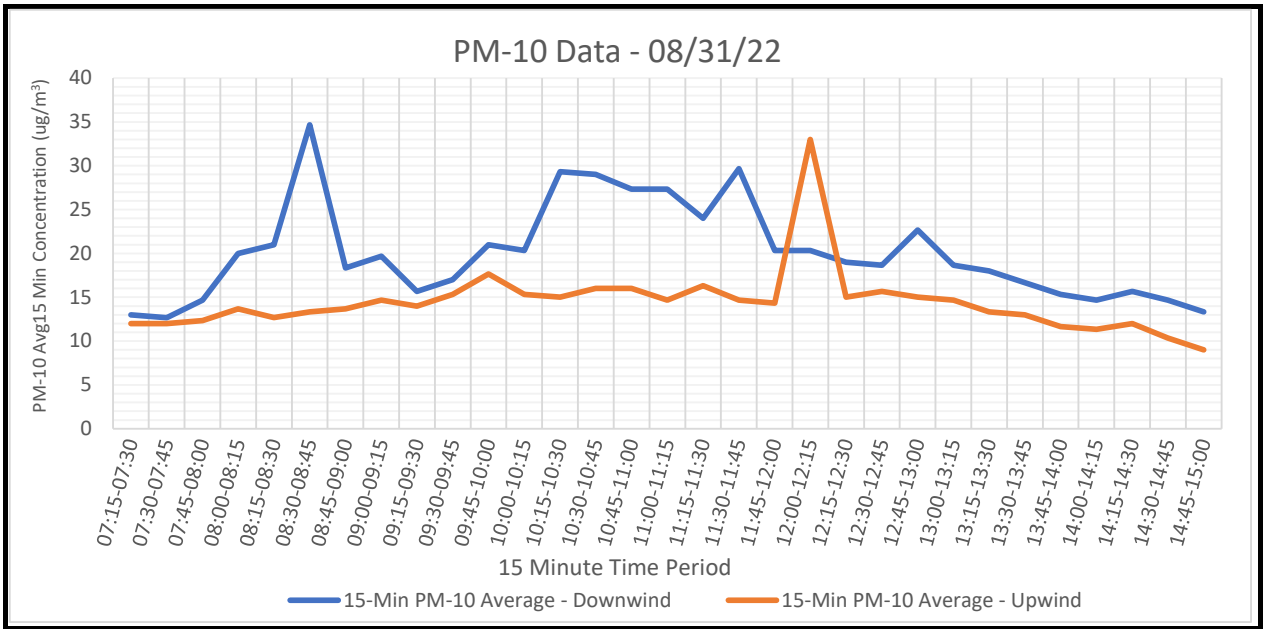
Daily CAMP Monitoring Results
Building 5 Parking Lot



Tuesday, August 30, 2022

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
09:00-09:15	12.00	13.00
09:15-09:30	11.67	13.33
09:30-09:45	10.33	12.67
09:45-10:00	11.00	13.00
10:00-10:15	9.33	14.67
10:15-10:30	10.00	13.00
10:30-10:45	8.67	14.00
10:45-11:00	8.00	14.00
11:00-11:15	9.50	15.00
11:15-11:30	7.33	14.00
11:30-11:45	9.67	13.67
11:45-12:00	7.67	17.33
12:00-12:15	8.67	13.00
12:15-12:30	8.00	13.33
12:30-12:45	9.00	12.67
12:45-13:00	9.67	13.00
13:00-13:15	7.33	12.00
13:15-13:30	6.67	11.00
13:30-13:45	4.67	10.33
13:45-14:00	3.67	11.67
14:00-14:15	3.33	7.67
14:15-14:30	3.33	6.67
	N/A	N/A
14:45-15:00	2.00	6.00

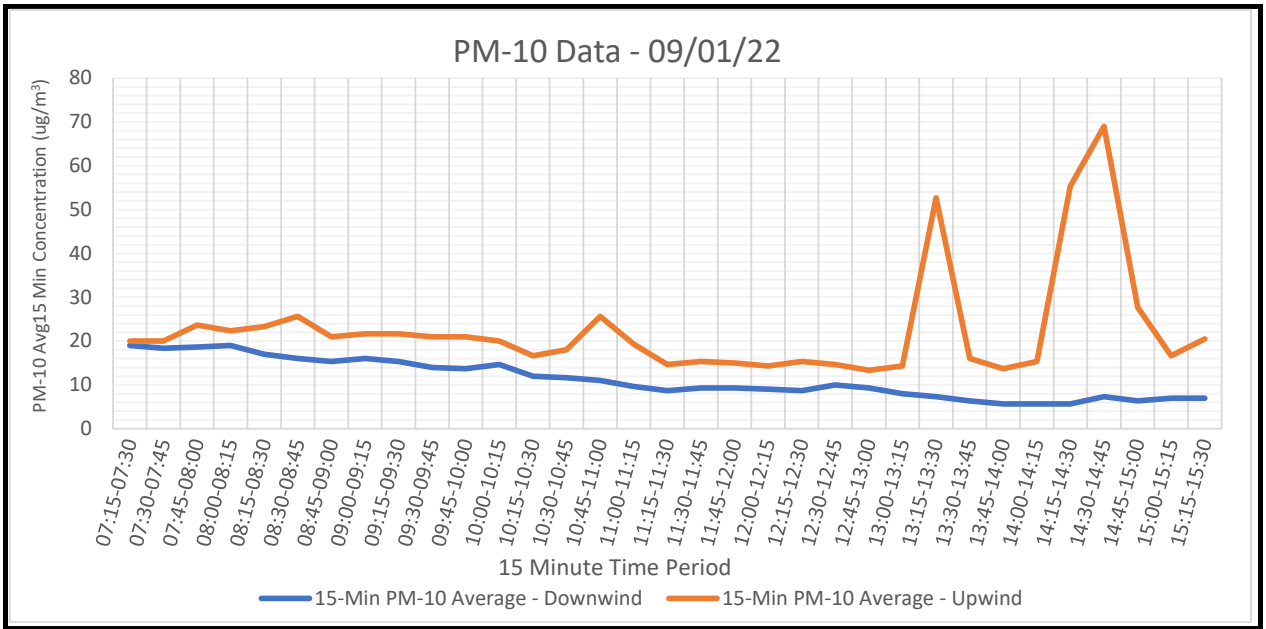
Daily CAMP Monitoring Results
Building 5 Parking Lot



Wednesday, August 31, 2022

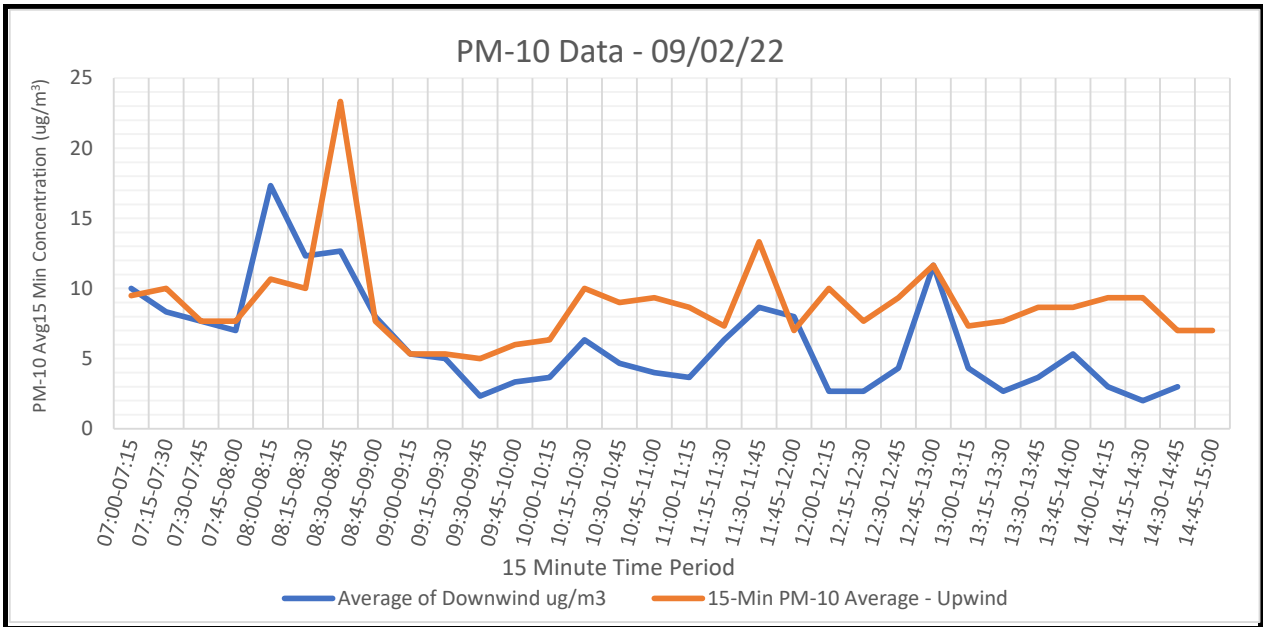
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:15-07:30	13.00	12.00
07:30-07:45	12.67	12.00
07:45-08:00	14.67	12.33
08:00-08:15	20.00	13.67
08:15-08:30	21.00	12.67
08:30-08:45	34.67	13.33
08:45-09:00	18.33	13.67
09:00-09:15	19.67	14.67
09:15-09:30	15.67	14.00
09:30-09:45	17.00	15.33
09:45-10:00	21.00	17.67
10:00-10:15	20.33	15.33
10:15-10:30	29.33	15.00
10:30-10:45	29.00	16.00
10:45-11:00	27.33	16.00
11:00-11:15	27.33	14.67
11:15-11:30	24.00	16.33
11:30-11:45	29.67	14.67
11:45-12:00	20.33	14.33
12:00-12:15	20.33	33.00
12:15-12:30	19.00	15.00
12:30-12:45	18.67	15.67
12:45-13:00	22.67	15.00
13:00-13:15	18.67	14.67
13:15-13:30	18.00	13.33
13:30-13:45	16.67	13.00
13:45-14:00	15.33	11.67
14:00-14:15	14.67	11.33
14:15-14:30	15.67	12.00
14:30-14:45	14.67	10.33
14:45-15:00	13.33	9.00

Daily CAMP Monitoring Results
Building 5 Parking Lot



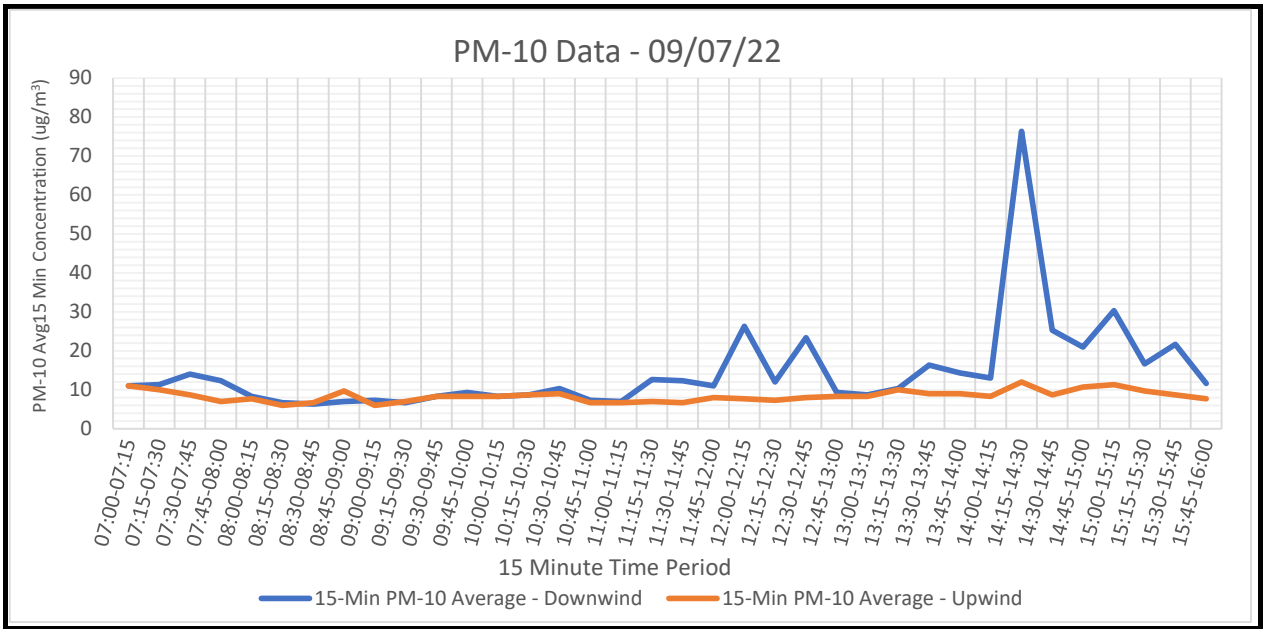
Thursday, September 01, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30	19.00	20.00
07:30-07:45	18.33	20.00
07:45-08:00	18.67	23.67
08:00-08:15	19.00	22.33
08:15-08:30	17.00	23.33
08:30-08:45	16.00	25.67
08:45-09:00	15.33	21.00
09:00-09:15	16.00	21.67
09:15-09:30	15.33	21.67
09:30-09:45	14.00	21.00
09:45-10:00	13.67	21.00
10:00-10:15	14.67	20.00
10:15-10:30	12.00	16.67
10:30-10:45	11.67	18.00
10:45-11:00	11.00	25.67
11:00-11:15	9.67	19.33
11:15-11:30	8.67	14.67
11:30-11:45	9.33	15.33
11:45-12:00	9.33	15.00
12:00-12:15	9.00	14.33
12:15-12:30	8.67	15.33
12:30-12:45	10.00	14.67
12:45-13:00	9.33	13.33
13:00-13:15	8.00	14.33
13:15-13:30	7.33	52.67
13:30-13:45	6.33	16.00
13:45-14:00	5.67	13.67
14:00-14:15	5.67	15.33
14:15-14:30	5.67	55.33
14:30-14:45	7.33	69.00
14:45-15:00	6.33	27.67
15:00-15:15	7.00	16.67
15:15-15:30	7.00	20.50

Daily CAMP Monitoring Results
Building 5 Parking Lot



Friday, September 2, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:00-07:15	10.00	9.50
07:15-07:30	8.33	10.00
07:30-07:45	7.67	7.67
07:45-08:00	7.00	7.67
08:00-08:15	17.33	10.67
08:15-08:30	12.33	10.00
08:30-08:45	12.67	23.33
08:45-09:00	8.00	7.67
09:00-09:15	5.33	5.33
09:15-09:30	5.00	5.33
09:30-09:45	2.33	5.00
09:45-10:00	3.33	6.00
10:00-10:15	3.67	6.33
10:15-10:30	6.33	10.00
10:30-10:45	4.67	9.00
10:45-11:00	4.00	9.33
11:00-11:15	3.67	8.67
11:15-11:30	6.33	7.33
11:30-11:45	8.67	13.33
11:45-12:00	8.00	7.00
12:00-12:15	2.67	10.00
12:15-12:30	2.67	7.67
12:30-12:45	4.33	9.33
12:45-13:00	11.67	11.67
13:00-13:15	4.33	7.33
13:15-13:30	2.67	7.67
13:30-13:45	3.67	8.67
13:45-14:00	5.33	8.67
14:00-14:15	3.00	9.33
14:15-14:30	2.00	9.33
14:30-14:45	3.00	7.00
14:45-15:00		7.00

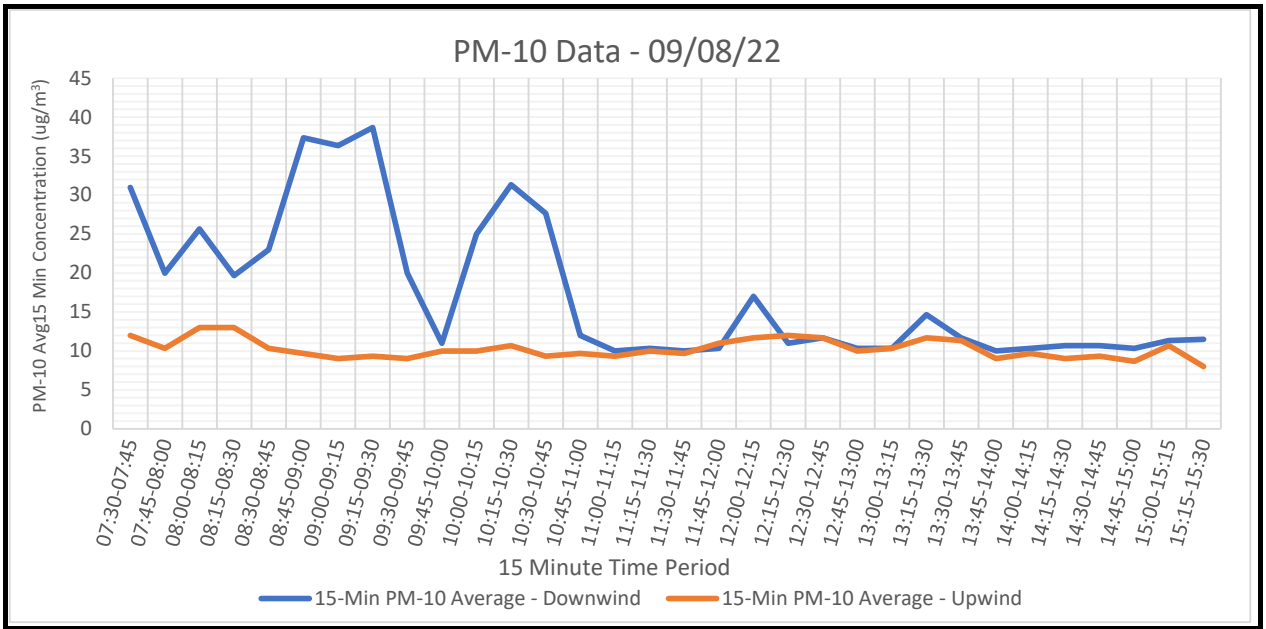
Daily CAMP Monitoring Results
Building 5 Parking Lot



Wednesday, September 07, 2022

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:00-07:15	11.00	11.00
07:15-07:30	11.33	10.00
07:30-07:45	14.00	8.67
07:45-08:00	12.33	7.00
08:00-08:15	8.33	7.67
08:15-08:30	6.67	6.00
08:30-08:45	6.33	6.67
08:45-09:00	7.00	9.67
09:00-09:15	7.33	6.00
09:15-09:30	6.67	7.00
09:30-09:45	8.33	8.33
09:45-10:00	9.33	8.33
10:00-10:15	8.33	8.33
10:15-10:30	8.67	8.67
10:30-10:45	10.33	9.00
10:45-11:00	7.33	6.67
11:00-11:15	7.00	6.67
11:15-11:30	12.67	7.00
11:30-11:45	12.33	6.67
11:45-12:00	11.00	8.00
12:00-12:15	26.33	7.67
12:15-12:30	12.00	7.33
12:30-12:45	23.33	8.00
12:45-13:00	9.33	8.33
13:00-13:15	8.67	8.33
13:15-13:30	10.33	10.00
13:30-13:45	16.33	9.00
13:45-14:00	14.33	9.00
14:00-14:15	13.00	8.33
14:15-14:30	76.33	12.00
14:30-14:45	25.33	8.67
14:45-15:00	21.00	10.67
15:00-15:15	30.33	11.33
15:15-15:30	16.67	9.67
15:30-15:45	21.67	8.67

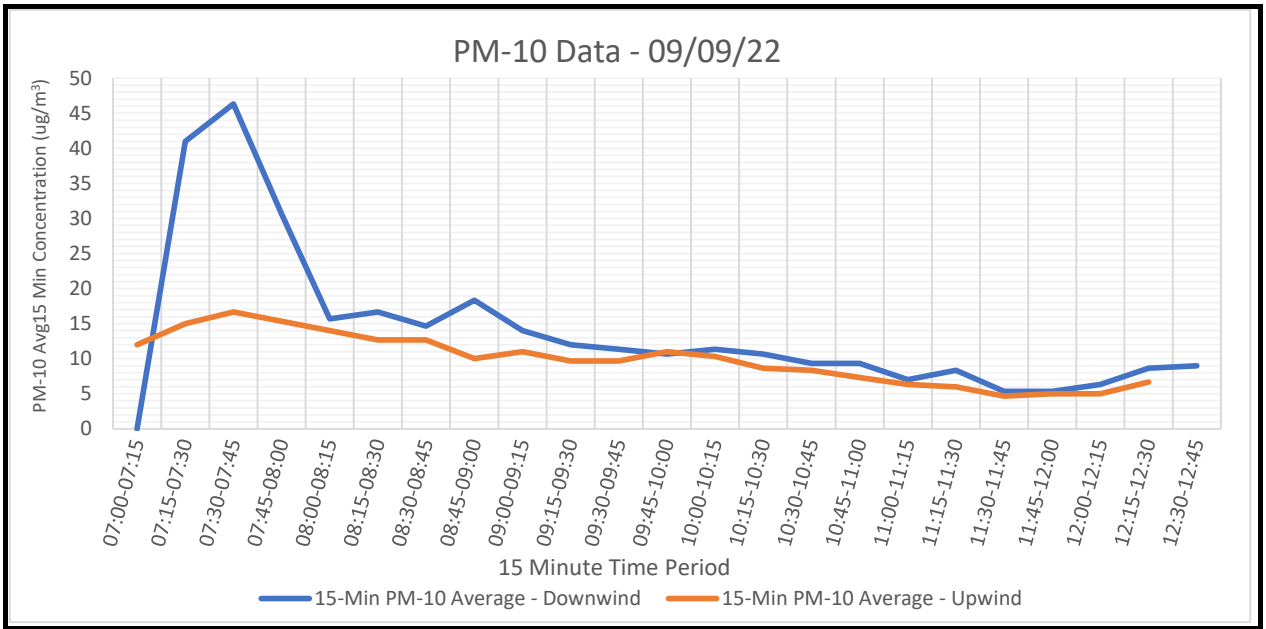
Daily CAMP Monitoring Results
Building 5 Parking Lot



Thursday, September 08, 2022

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:30-07:45	31.00	12.00
07:45-08:00	20.00	10.33
08:00-08:15	25.67	13.00
08:15-08:30	19.67	13.00
08:30-08:45	23.00	10.33
08:45-09:00	37.33	9.67
09:00-09:15	36.33	9.00
09:15-09:30	38.67	9.33
09:30-09:45	20.00	9.00
09:45-10:00	11.00	10.00
10:00-10:15	25.00	10.00
10:15-10:30	31.33	10.67
10:30-10:45	27.67	9.33
10:45-11:00	12.00	9.67
11:00-11:15	10.00	9.33
11:15-11:30	10.33	10.00
11:30-11:45	10.00	9.67
11:45-12:00	10.33	11.00
12:00-12:15	17.00	11.67
12:15-12:30	11.00	12.00
12:30-12:45	11.67	11.67
12:45-13:00	10.33	10.00
13:00-13:15	10.33	10.33
13:15-13:30	14.67	11.67
13:30-13:45	11.67	11.33
13:45-14:00	10.00	9.00
14:00-14:15	10.33	9.67
14:15-14:30	10.67	9.00
14:30-14:45	10.67	9.33
14:45-15:00	10.33	8.67
15:00-15:15	11.33	10.67
15:15-15:30	11.50	8.00

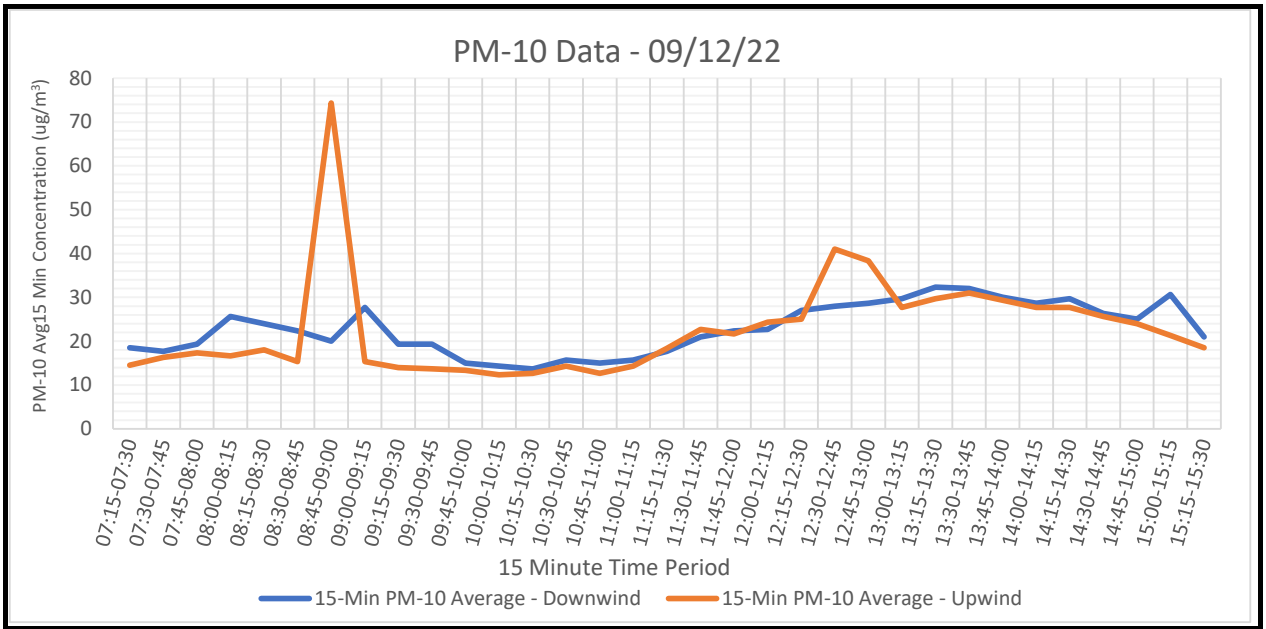
Daily CAMP Monitoring Results
Building 5 Parking Lot



Friday, September 09, 2022

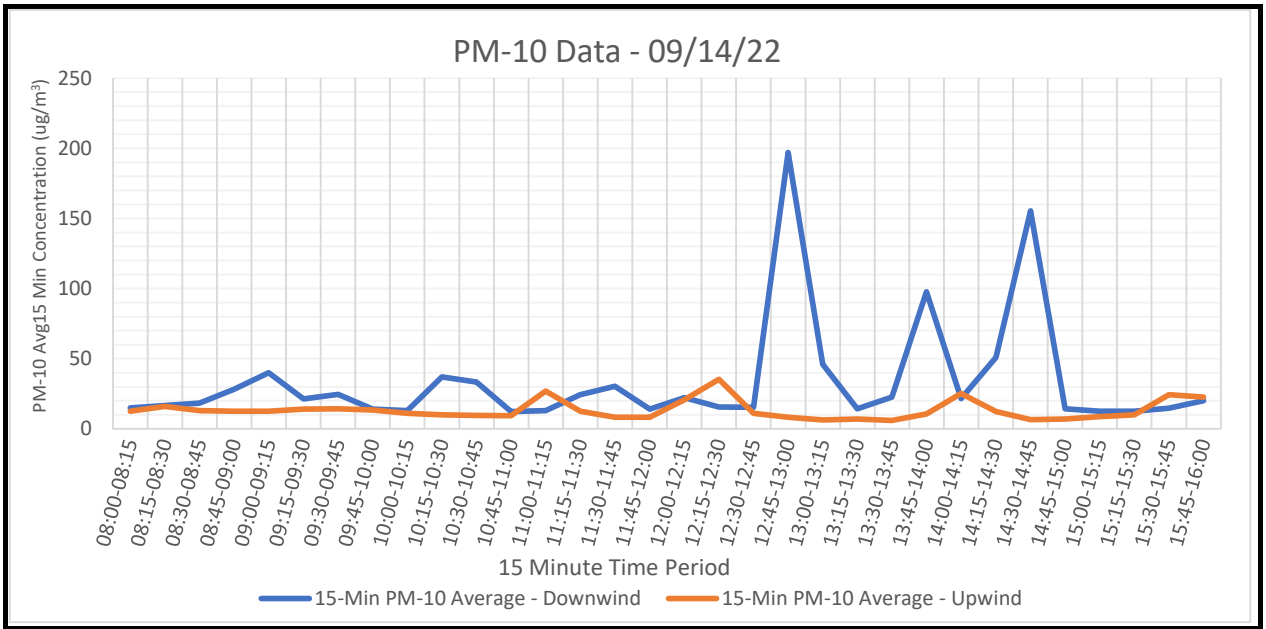
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
07:00-07:15		12.00
07:15-07:30	41.00	15.00
07:30-07:45	46.33	16.67
07:45-08:00	30.67	15.33
08:00-08:15	15.67	14.00
08:15-08:30	16.67	12.67
08:30-08:45	14.67	12.67
08:45-09:00	18.33	10.00
09:00-09:15	14.00	11.00
09:15-09:30	12.00	9.67
09:30-09:45	11.33	9.67
09:45-10:00	10.67	11.00
10:00-10:15	11.33	10.33
10:15-10:30	10.67	8.67
10:30-10:45	9.33	8.33
10:45-11:00	9.33	7.33
11:00-11:15	7.00	6.33
11:15-11:30	8.33	6.00
11:30-11:45	5.33	4.67
11:45-12:00	5.33	5.00
12:00-12:15	6.33	5.00
12:15-12:30	8.67	6.67
12:30-12:45	9.00	

Daily CAMP Monitoring Results
Building 5 Parking Lot



Monday, September 12, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
07:15-07:30	18.50	14.50
07:30-07:45	17.67	16.33
07:45-08:00	19.33	17.33
08:00-08:15	25.67	16.67
08:15-08:30	24.00	18.00
08:30-08:45	22.33	15.33
08:45-09:00	20.00	74.33
09:00-09:15	27.67	15.33
09:15-09:30	19.33	14.00
09:30-09:45	19.33	13.67
09:45-10:00	15.00	13.33
10:00-10:15	14.33	12.33
10:15-10:30	13.67	12.67
10:30-10:45	15.67	14.33
10:45-11:00	15.00	12.67
11:00-11:15	15.67	14.33
11:15-11:30	17.67	18.33
11:30-11:45	21.00	22.67
11:45-12:00	22.33	21.67
12:00-12:15	22.67	24.33
12:15-12:30	27.00	25.00
12:30-12:45	28.00	41.00
12:45-13:00	28.67	38.33
13:00-13:15	29.67	27.67
13:15-13:30	32.33	29.67
13:30-13:45	32.00	31.00
13:45-14:00	30.00	29.33
14:00-14:15	28.67	27.67
14:15-14:30	29.67	27.67
14:30-14:45	26.33	25.67
14:45-15:00	25.00	24.00
15:00-15:15	30.67	21.33
15:15-15:30	21.00	18.50

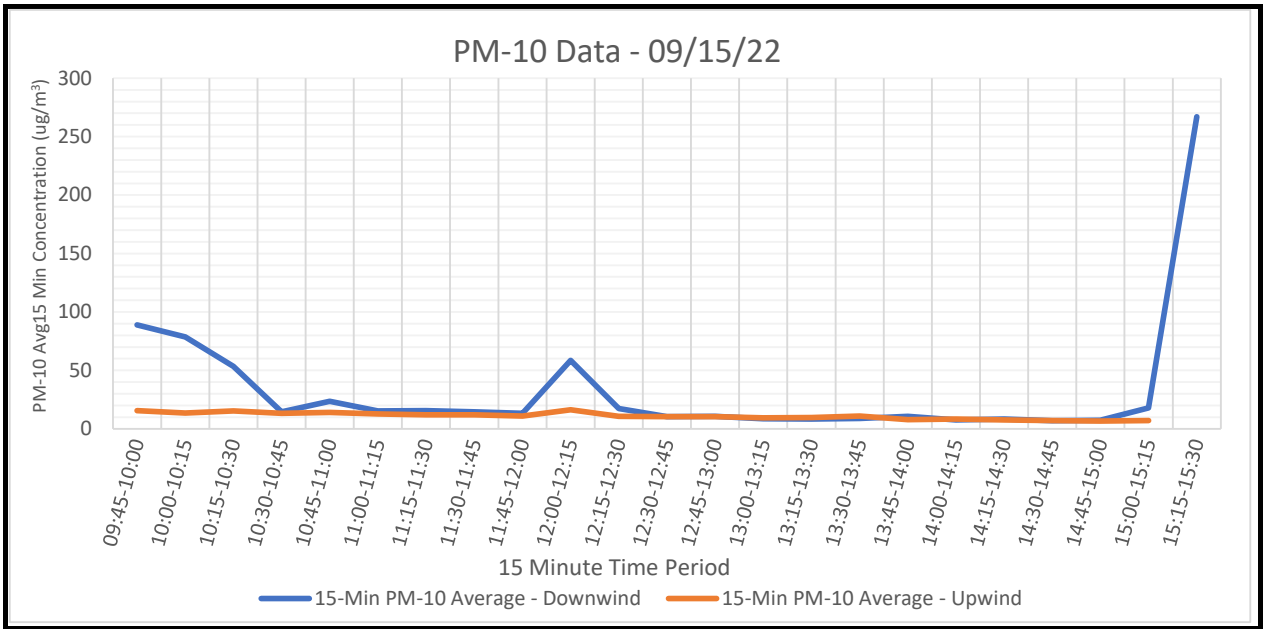
Daily CAMP Monitoring Results
Building 5 Parking Lot



Wednesday, September 14, 2022

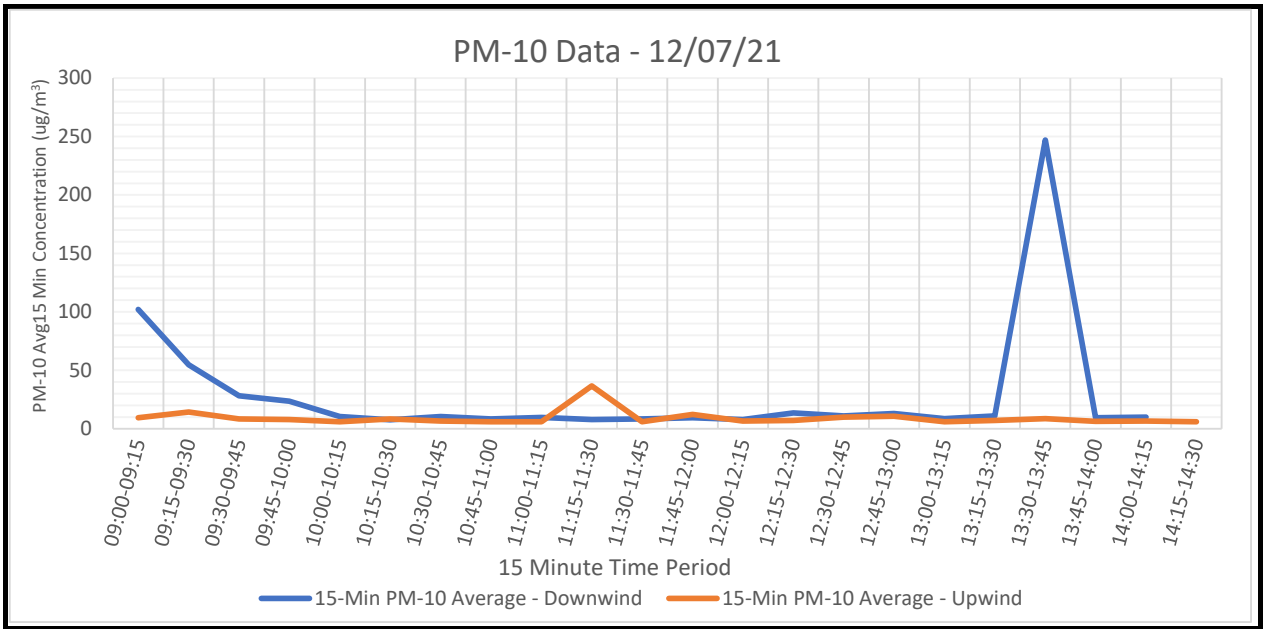
15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
08:00-08:15	15.00	12.50
08:15-08:30	16.67	16.00
08:30-08:45	18.33	13.00
08:45-09:00	28.33	12.67
09:00-09:15	40.00	12.67
09:15-09:30	21.33	14.00
09:30-09:45	24.67	14.33
09:45-10:00	14.00	13.33
10:00-10:15	13.00	11.00
10:15-10:30	37.00	10.00
10:30-10:45	33.33	9.67
10:45-11:00	12.33	9.33
11:00-11:15	13.00	27.00
11:15-11:30	24.33	12.67
11:30-11:45	30.33	8.33
11:45-12:00	14.00	8.33
12:00-12:15	22.33	20.67
12:15-12:30	15.67	35.33
12:30-12:45	15.33	11.00
12:45-13:00	197.00	8.33
13:00-13:15	46.00	6.33
13:15-13:30	14.33	7.00
13:30-13:45	22.67	6.00
13:45-14:00	97.67	10.67
14:00-14:15	21.67	25.33
14:15-14:30	51.00	12.33
14:30-14:45	155.33	6.67
14:45-15:00	14.33	7.00
15:00-15:15	12.67	8.67
15:15-15:30	12.67	10.00
15:30-15:45	14.67	24.33
15:45-16:00	20.00	22.67

Daily CAMP Monitoring Results
Building 5 Parking Lot



Thursday, September 15, 2022		
15-MIN TIME PERIODS	**DOWNWIND PM-10 (ug/mg^3)**	**UPWIND PM-10 (ug/mg^3)**
09:45-10:00	89.00	15.67
10:00-10:15	78.67	13.67
10:15-10:30	53.33	15.33
10:30-10:45	14.67	13.33
10:45-11:00	23.67	14.00
11:00-11:15	15.33	12.67
11:15-11:30	15.67	12.00
11:30-11:45	14.67	12.00
11:45-12:00	13.33	11.00
12:00-12:15	58.67	16.33
12:15-12:30	17.33	10.67
12:30-12:45	10.33	10.33
12:45-13:00	10.67	10.33
13:00-13:15	8.67	9.33
13:15-13:30	8.33	9.67
13:30-13:45	9.00	11.00
13:45-14:00	10.67	8.00
14:00-14:15	7.67	8.33
14:15-14:30	8.33	7.67
14:30-14:45	7.00	7.00
14:45-15:00	7.33	6.67
15:00-15:15	18.00	7.00
15:15-15:30	267.00	

Daily CAMP Monitoring Results
Building 12 Shut-Off Valve Replacement



Tuesday, December 07, 2021

15-MIN TIME PERIODS	DOWNWIND PM-10 (ug/mg^3)	UPWIND PM-10 (ug/mg^3)
09:00-09:15	102.00	9.33
09:15-09:30	54.67	14.33
09:30-09:45	28.33	8.33
09:45-10:00	23.67	8.00
10:00-10:15	10.33	6.00
10:15-10:30	7.67	8.33
10:30-10:45	10.33	6.67
10:45-11:00	8.33	6.00
11:00-11:15	9.67	6.00
11:15-11:30	8.00	36.67
11:30-11:45	8.33	6.00
11:45-12:00	9.33	12.33
12:00-12:15	8.00	6.67
12:15-12:30	13.67	7.00
12:30-12:45	11.00	10.00
12:45-13:00	13.00	10.67
13:00-13:15	8.67	6.00
13:15-13:30	11.00	7.00
13:30-13:45	247.00	8.67
13:45-14:00	9.33	6.33
14:00-14:15	10.00	6.67
14:15-14:30		6.00

APPENDIX G

Updated Site Management Plan

CORE ENVIRONMENTAL CONSULTANTS

BROOKLYN NAVY YARD INDUSTRIAL PARK

KINGS COUNTY

BROOKLYN, NEW YORK

SITE MANAGEMENT PLAN

NYSDEC Site Number: V00120

Prepared for:

Brooklyn Navy Yard Development Corporation
63 Flushing Avenue, Unit 300
Brooklyn, New York 11205

Prepared by:

CORE Environmental Consultants, Inc.
22-48 119th Street
College Point, New York 11356

Revisions to Final Approved Site Management Plan:

Revision No.	Date Submitted	Summary of Revision	NYSDEC Approval Date
0	06/29/2018	Original	07/12/2018
1	02/25/2022	Updated to include previously excluded areas	

FEBRUARY 2022

SITE MANAGEMENT PLAN
Brooklyn Navy Yard Industrial Park
63 Flushing Avenue
Brooklyn, New York 11205
Site No. V00120

Prepared for:

Brooklyn Navy Yard Development Corporation
63 Flushing Avenue, Unit 300
Brooklyn, New York 11205

Prepared by:

CORE Environmental Consultants, Inc.
22-48 119th Street
College Point, New York 11356

February 25, 2022

PROFESSIONAL ENGINEER CERTIFICATION

I, Elizabeth Tramposch, certify that I am currently a New York State Registered Professional Engineer as defined in Title 6 of the New York Codes, Rules and Regulations Part 375 (6 NYCRR 375) and that this Site Management Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER-10/Technical Guidance for Site Investigation and Remediation (DER-10).

NYS Professional Engineer Number (Stamp)	Date	Signature
	02/25/2022	Elizabeth Tramposch

TABLE OF CONTENTS

FIGURES

APPENDICES

LIST OF ACRONYMS

AS	Air Sparging
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
C/D	Construction and Demolition
CFR	Code of Federal Regulation
CLP	Contract Laboratory Program
COC	Certificate of Completion
COPC	Constituent of Potential Concern
CO2	Carbon Dioxide
CP	Commissioner Policy
DER	Division of Environmental Remediation
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
GHG	Green House Gas
GWE&T	Groundwater Extraction and Treatment
HASP	Health and Safety Plan
IC	Institutional Control
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PID	Photoionization Detector
PRP	Potentially Responsible Party
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RP	Remedial Party
RSO	Remedial System Optimization
SAC	State Assistance Contract
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SMP	Soil Management Plan
SOP	Standard Operating Procedures
SOW	Statement of Work

SPDES	State Pollutant Discharge Elimination System
SSDS	Sub-slab Depressurization System
SVE	Soil Vapor Extraction
VI	Soil Vapor Intrusion
SVMS	Soil Vapor Mitigation System
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program

EXECUTIVE SUMMARY

The following provides a brief summary of the controls implemented for the Site, as well as the inspections, monitoring, maintenance and reporting activities required by this Site Management Plan:

Site Identification:	V00120 Brooklyn Navy Yard Industrial Park, 63 Flushing Avenue, Brooklyn, New York

Institutional Controls

1. The remedial party or Site owner must complete an annual periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3) and submit to the New York State Department of Environmental Conservation (NYSDEC);
2. The property may be used for commercial use, which also permits industrial uses;
3. All ECs must be maintained as specified in this SMP;
4. All ECs must be inspected at a frequency and in a manner defined in this SMP;
5. The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by NYSDEC, the New York State Department of Health (NYSDOH), or the New York City Department of Health;
6. Data and information pertinent to Site management must be reported annually and in a manner as defined in this SMP;
7. Prior to any non-emergency breach of the cover system, building construction, or any other activity that may increase the potential for people to come into contact with the remaining contamination at the Site, NYSDEC will be contacted, and the details of the situation relayed through a “Change of Use” notification;
8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
9. Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
10. Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
11. Vegetable gardens and farming, other than rooftop farming, on the Site are prohibited; and
12. The future decommissioning of 16 transformer substations.

Engineering Controls

Site-wide protective cover system

Type	Frequency
Inspections	
Site-wide protective cover system	Annually
Maintenance	
Site-wide protective cover system	As needed
Reporting	
Periodic Review Report	Annually

* Further descriptions of the above requirements are provided in detail in later sections of this SMP.

This SMP details the Site-specific implementation procedures that are required by the Environmental Easement to manage remaining contamination at the Site until such time said Environmental Easement can be extinguished. All future activities that will disturb remaining contamination at the Site must be conducted in accordance with this SMP.

- Subsurface intrusive activities, such as soil boring installation or excavation, are controlled by procedures documented in the Excavation Work Plan (EWP), included as Appendix E of this SMP.
- Procedures for monitoring the Site-wide cover are discussed in Section 4.0.
- Tenant activities and requirements are discussed in Section 6.0.

1.0 INTRODUCTION

1.1 GENERAL

This Site Management Plan (SMP) was prepared by CORE Environmental Consultants, Inc. (CORE), on behalf of the Brooklyn Navy Yard Development Corporation (BNYDC) as a required element of the remedial program for the Brooklyn Navy Yard Industrial Park (BNYIP) located in Brooklyn, New York (hereinafter referred to as the "Site"). A Site Location Map is presented as Figure 1. The Site is currently in the New York State Voluntary Cleanup Program (VCP) (Site No. V00120) administered by New York State Department of Environmental Conservation (NYSDEC). This SMP was prepared in accordance with NYSDEC's *DER-10/Technical Guidance for Site Investigation and Remediation* (DER-10), dated May 2010, and other guidelines provided by NYSDEC.

BNYDC entered into a Voluntary Cleanup Agreement (VCA) on May 5, 1998 with NYSDEC to remediate the Site, which includes an approximately 152-acre portion of a parcel in Brooklyn, Kings County, New York. On July 12, 2018, NYSDEC issued an Assignable Release and Covenant Not to Sue letter to the BNYDC for the majority of the VCP site (the Release Letter). All six dry docks currently located on Site were removed from the VCA parcel boundaries due to their potential to be considered "lands under water." Piers D and G were excepted due to their current state of disrepair and plans to remove, while Pier C was excepted as a result of active construction.

In addition, because remedial work was not completed at certain locations within the Site before the termination of the VCA on June 30, 2018, , the Environmental Easement, dated June 26, 2018, the original SMP, and the Release Letter, excluded the following parcels:

1) Substation H, a.k.a. Drum Storage C;

2) Building 77, a.k.a. Substation 22; and

3) BNY Tower Associates LLC, a.k.a. Dock 72, a.k.a. Substation 4

On February 1, 2022, BNYDC entered into an Administrative Order on Consent with the NYSDEC (Index No. R2-20190708-219), which requires that the EE and this SMP be revised to include those three parcels. The 2018 Environmental Easement was amended on XX, 2022. The revised boundaries of the Site subject to this SMP are presented on Figure 2 and are more fully described in the updated metes and bounds Site description that is part of the amended Environmental Easement (EE), dated TBD, provided in Appendix A.

BNYDC implemented cleanup activities at Building 297/Substation H/Drum Storage C pursuant to the U.S. Environmental Protection Agency's (USEPA) self-implementing PCB cleanup regulations

in August 2018, as described in Section 2.4.4, and the Construction Completion Report included as Appendix I.

BNYDC implemented cleanup activities at Building 77/Substation 22 pursuant to the USEPA's performance-based PCB cleanup regulations in September 2018, as described in Section 2.4.5, and the Construction Completion Report included as Appendix J.

Substation 4 was previously located on Dock 72 and reportedly contained one (1) non-PCB pole mounted transformer which was removed in May 2010. BNY Tower Associates undertook development activities at Dock 72 and adjacent property between March 2016 and October 2019. The development project required excavation to install building foundation elements, subsurface utilities, and landscaped and parking areas of the site. Dock 72 included three work areas:

1. Dock 72 is the western extension of the site and includes the newly constructed office building (this area, within the building footprint, was excluded from the Voluntary Cleanup Agreement (VCA) parcel in June 2018).

2. The Triangle Lot is the central portion of the site east of Dock 72 and includes a newly paved parking lot. This area was included in the 2018 VCA parcel.

3. The GMD Lot is the northern extension of the site where construction included a paved parking lot above a subsurface stormwater detention system. This area was included in the 2018 VCA parcel.

From March 2016, Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C (Langan) oversaw such construction activities on behalf of by BNY Tower Associates, as described in Section 2.8.4. Langan's Construction Completion Report revised October 2021 and Construction Activity Report revised October 2021 are included in Appendix K.

After completion of the remedial work some impacts were left at this site, which is hereafter referred to as "remaining contamination". Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. An Environmental Easement granted to NYSDEC, and recorded with the New York City Register's Office, Kings Borough, requires compliance with this SMP and all ECs and ICs placed on the Site. This SMP addresses the means for implementing the ICs and ECs.

This SMP was prepared to manage remaining contamination at the Site until the Environmental Easement is extinguished in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36. This Plan has been approved by NYSDEC, and compliance with this Plan

is required by the grantor of the Environmental Easement and the grantor's successors and assigns. This SMP may only be revised with the approval of NYSDEC.

It is important to note that:

- This SMP details the Site-specific implementation procedures that are required by the Environmental Easement. Failure to properly implement the SMP is a violation of the Environmental Easement, which is grounds for revocation of the liability release;
- Failure to comply with this SMP is also a violation of ECL, Title 6 of the New York Codes, Rules and Regulations Part 375 (6 NYCRR 375) and the VCA (Index No. 02-0001-97-08; Site No. V00120) for the Site, and thereby subject to applicable penalties.

All reports associated with the Site can be viewed by contacting NYSDEC or its successor agency managing environmental issues in New York State or by visiting the document repository for the Site, located at:

Brooklyn Community Board 2
350 Jay Street, 8th Floor
Brooklyn, New York 11201
Phone: (718) 596-5410

A list of contacts for persons involved with the Site is provided in Appendix B of this SMP.

1.2 REVISIONS

Revisions to this plan will be proposed in writing to NYSDEC's project manager for the Site. Revisions will be necessary upon, but not limited to, the following occurrences:

- A change in media monitoring requirements;
- Post-remedial removal of contaminated sediment or soil; or
- Other significant change to the Site conditions.

In accordance with the Environmental Easement for the Site, NYSDEC will provide a notice of any approved changes to the SMP and append these notices to the SMP that is retained in its files.

1.3 NOTIFICATIONS

Notifications will be submitted by the property owner to NYSDEC, as needed, in accordance with NYSDEC's DER–10 for the following reasons:

- 60-day advance notice of any proposed changes in Site use that are required under the terms of the VCA, 6 NYCRR 375 and/or ECL, including the decommissioning or remediation of any substations identified in Section 2.7.3;
- 7-day advance notice of any field activity associated with the remedial program;
- 15-day advance notice of any proposed ground-intrusive activity pursuant to the Excavation Work Plan (EWP);
- Notice within 48 hours of any damage or defect to the foundation, structures, or ECs that reduces or has the potential to reduce the effectiveness of an EC, and likewise, any action to be taken to mitigate the damage or defect;
- By noon of the following day, verbal notice of any emergency, such as a fire, flood, or earthquake that reduces, or has the potential to reduce, the effectiveness of ECs in place at the Site, with written confirmation within seven days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public; and/or
- Follow-up status reports submitted to NYSDEC within 45 days on actions taken to respond to any emergency event requiring ongoing responsive action describing and documenting actions taken to restore the effectiveness of the ECs.

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

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

Currently, the notifications listed above can be made to:

Charles Post
Project Manager, Professional Geologist
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7016
(518) 402-9793
Charles.Post@dec.ny.gov

A full list of contacts for persons involved with the Site is provided in Appendix B of this SMP.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS AND REMEDIAL ACTIONS

2.1 SITE LOCATION AND DESCRIPTION

The Site is located in Brooklyn, Kings County, New York and is identified as Block 2023, Lot 1 by the New York City Department of Finance (see Figure 2). The Site is an approximately 150-acre portion of the lot that is bound by the East River to the north, Flushing Avenue to the south, Kent Avenue to the east, and Navy Street and the New York City Department of Environmental Protection (NYCDEP) Red Hook Wastewater Treatment Plant (WWTP) to the west. A Site Plan with surveyed Site boundaries is presented as Figure 2. The boundaries of the Site are more fully described in the metes and bounds survey of the Environmental Easement, provided in Appendix A. The owner of the Site parcel at the time of issuance of this SMP is the City of New York. The Site is developed and managed by the Brooklyn Navy Yard Development Corporation (BNYDC).

2.2 PHYSICAL SETTING

2.2.1 Land Use

The Site consists of 49 buildings, 9 open spaces, and 2 piers, and is currently leased to more than 400 small and midsized businesses. The Site is zoned M3-1 by the New York City Department of City Planning, indicating that it can be used for light and heavy manufacturing purposes. Site occupants are engaged in commercial and light manufacturing activities, such as clothing manufacturers, production and distribution of various goods, furniture refinishing, and printing.

The properties adjoining the Site, and in the neighborhood surrounding the Site, are zoned primarily for commercial and residential uses. The properties immediately south of the Site include primarily commercial and manufacturing properties such as self-storage, a door manufacturer, fruit and vegetable wholesaler, and various restaurants. The properties immediately east and west of the Site are primarily residential. The East River is immediately adjacent to the BNYIP on the northern parcel boundary.

2.2.2 Site Geology

According to several studies, the stratigraphy underlying the grade at the BNYIP consists of fill ranging from 1 to 25 feet below ground surface (bgs). Shallow fill (up to approximately 10 feet bgs) is consistent with urban fill, containing ash, coal waste, bricks, and concrete, etc. Underlying man-made fill is a layer of organic silt with peat lenses varying in thickness between 10 and 35 feet; a confining layer consisting of alternating layers of sand, silt, and clay between 10 and 50 feet thick; sand and gravel between 10 and 50 feet thick; and a blue clay confining layer between 20 and 45 feet thick. Immediately beneath the blue clay confining layer and above bedrock is a layer of sand, gravel, and boulders, between 10 and 15 feet thick (Wehran, 1988; HDR, 1998).

2.2.3 Hydrogeology

The water table as measured at monitoring wells near the Brooklyn Navy Yard basin fluctuate in response to tidal influence (Wehran, 1988; BBL, 1993). The tidal cycle of the East River has a mean range of approximately 4.2 feet, causing groundwater to flow into the Navy Yard basin during low tides and recharge as surface water level rises. It is probable that there is no prevailing direction of upper groundwater system adjacent to waterfront structures (perched groundwater), and that there is local mixing between the saline surface waters and local groundwater.

Water levels were measured during previous Site investigations (Wehran, 1988; BBL, 1993; HDR, 1998) in wells completed above the confining layer. The depth to groundwater at the Site ranged from 4 feet bgs to a maximum depth of 10 feet bgs across the Site. The shallow groundwater system flows from the surrounding highlands across the Site to the East River (generally northward flow direction). The hydraulic groundwater gradient and direction generally reflects the configuration of the surface topography at the Site.

Potable water is provided to the Site via the New York City municipal water supply system; no groundwater is used at the Site.

An historic groundwater contour map from Quay's 2007 Remedial Investigation is located in Appendix C.

2.3 PREVIOUS SITE INVESTIGATIONS

The following narrative provides a remedial history timeline and a brief summary of the available project records to document key investigative and remedial milestones for the Site.

The BNYDC, through planning for the redevelopment of specific parcels of property, has acquired numerous environmental Site assessments characterizing the Site. The following environmental assessments have been performed for the VCA parcel, but are not discussed in the following sections:

- Blasland, Bouck & Lee Engineering Consultants. 1991 &1992. "Phase I & II Assessments of Building #41." Final.
- ENSR Environmental, as summarized by Roux Associates, Inc. February 1995 "Summary of Additional Investigations at the Building No. 41 Facility." Final.
- Blasland, Bouck & Lee Engineering Consultants. March 1993. "Phase II Investigation of Cooling Water Tunnels and Dry Dock No. 2 Sampling." Final.
- Blasland, Bouck & Lee Engineering Consultants. July 1993. "Final Environmental Impact Statement, Brooklyn Navy Yard, Brooklyn, New York." Final.

- Fanning, Phillips and Molnar. May 1995. “Brooklyn Navy Yard Cogeneration Plant Project, Pipeline Route - Sampling Results.” Final.
- PMNC, A Joint Venture. February 1996. “Brooklyn Navy Yard Cogeneration Project 138 KV Underground Transmission Line Summary of Soil Testing Results.” Final.
- Soil Mechanics Environmental Services. August 2001. Soil and Ground water sampling at Operable Unit 1, Steiner Studios Inc.
- Whitman Companies Inc. November 2001. Site Investigation at Building 296 (operable Unit 1), Steiner Studios Inc.
- Roux Associates Inc. “Berth 17 and Berth 18 Summary of Investigation Report.” April 11, 2002.
- Environmental Resource Management. 2002. Phase I Environmental Assessment Report.
- Quay Consulting LLC. “Supplemental Site Investigation, Former Building 296, Operable Unit 1.” November 2002.
- Quay Consulting LLC. “Site Investigation for Operable Unit 2, Film Studio.” July 2003
- Quay Consulting LLC. “Proposed Market Avenue Redevelopment Site.” August 2005.

2.3.1 Electrical Transformer Substation C Investigation, Environmental Resources Management (November 1998)

The Environmental Resources Management (ERM) Supplemental Site assessment included collection of concrete surface wipe, sediment, and surface soil samples at former Substation C (Building 542). The substation was housed in a subsurface concrete vault. Historical figures and data relevant to the November 1998 supplemental Site assessment are included in Appendix C.

Two concrete wipe samples collected from transformer concrete surfaces within the subsurface vault contained PCBs at concentrations greater than the Site-specific goal of 10 micrograms (µg) per 100 square centimeters (cm^2). All four concrete wipe samples collected from the walls of the vault contained concentrations of PCBs in exceedence of the applicable 10 µg/100 cm^2 limit.

Four surficial soil samples were collected, one on each side of former Substation C. All four samples contained concentrations of PCBs at or above 1 part per million (ppm) of PCBs in surface soil. Sediment samples collected from the bottom and sidewalls of the subsurface vault contained PCBs at concentrations ranging from 2,100 to 5,300 milligrams per kilogram (mg/kg).

ERM concluded that remedial actions were required for transformer concrete surfaces and sediment, however that no further action was necessary for surface soil. At the time of the

investigation, the surface soil cleanup objective was 10 ppm, which was not exceeded in surface soil samples.

2.3.2 Phase II Investigation Report, Environmental Resources Management (May 2002)

The ERM investigation included the collection of sediment samples, installation of soil borings and collection of subsurface soil samples at former drum storage areas, surficial soil and concrete wipe samples for PCB analysis at current and former electrical transformer stations, and groundwater well installation and groundwater sample collection. Historical figures and data relevant to the May 2002 Phase II Investigation Report are included in Appendix C.

Drum Storage Areas

ERM investigated three former drum storage areas at the BNYIP, Drum Storage Areas C and D, and east of Building 664. Borings B-1 through B-3, B-8, and B-9 were installed at the former Drum Storage Area near Building 664; borings B-4 through B-6 were installed in the area of Former Drum Storage Area D. The majority of soil samples contained concentrations of semi-volatile organic compounds (SVOCs), primarily polycyclic aromatic hydrocarbons (PAHs), and metals, as well as some pesticides in exceedence of applicable NYSDEC Recommended Soil Cleanup Objectives (RSCOs) as listed in Technical and Administrative Guidance Memorandum (TAGM) 4046: *Determination of Soil Cleanup Objectives and Cleanup Levels*. Comparison to current NYSDEC Part 375 Commercial Use Soil Cleanup Objectives (SCOs) applicable to the BNYIP Site eliminates the majority of these exceedences. Samples collected at depths of 5 to 7 feet bgs and 8.5 to 9 feet bgs in soil boring B-8 at the former Drum Storage Area near Building 664 contained PCBs in exceedence of the Site-specific cleanup goal of 10 mg/kg in subsurface soils (12 mg/kg). PCBs were not detected in soil borings installed at former Drum Storage Area D at concentrations greater than the Site-specific cleanup goals.

Electrical Transformers

ERM evaluated PCB impacts at 28 transformer locations where oil-containing electrical transformers previously (or currently) contained concentrations of PCBs greater than 50 ppm. The transformers at 22 of the 28 locations are/were contained within structures and potential PCB impacts were limited to the containment structures and wipe analysis samples. Substations G, H, K, Q, 13, and 18 contained soil areas and therefore also required the collection of surficial soil samples. Wipe samples collected at six substations did not contain PCBs greater than 10 µg/100 cm^2 – Substations Q, 24, 28, Buildings 3 and 25, and Berth 8.

All surficial samples collected at Substations G, K, Q, 13, and 18 contained PCBs at concentrations greater than 1 ppm. Additional subsurface samples were collected from test pits installed at Substations G and K as a result of surficial sample concentrations greater than 10 ppm at those locations. Seven subsurface soil samples collected at Substation G and one collected at

Substation K contained PCBs at concentrations greater than 10 mg/kg. All exceedences were in soil samples collected between 1 and 2 or 2 and 3 feet bgs.

Groundwater

As part of the Phase II Investigation, ERM located five existing groundwater monitoring wells and installed three new wells. All eight wells were utilized to collect two rounds of groundwater analytical data – one at high tide and one at low tide. Groundwater samples collected during the Phase II contained several metals at concentrations greater than the applicable Class GA Groundwater Standards.

2.3.3 Site-Wide Investigation Report, Quay Consulting LLC (July 2007)

Quay Consulting LLC (Quay) conducted a Site-wide Remedial Investigation (RI) that consisted of soil boring installation and soil sample collection, installation of groundwater monitoring wells and groundwater sample collection, preparation of a Qualitative Human Health Exposure Assessment (HHEA) of potential exposure pathways, and an evaluation of ecological resources. The Site-Wide Investigation specifically evaluated Buildings 12, 37, 46, 123, 132, 234, and 313. Figures and tables containing data relevant to the Site-Wide Investigation Report are included in Appendix C.

Soil

Soil samples collected during the Site-wide investigation contained concentrations of metals and PAHs at concentrations greater than the applicable Part 375 Commercial Use SCOs, similar to those collected during the ERM 2002 Phase II. Metals and PAHs detected are consistent with the presence of urban fill underlying the Site.

Groundwater

One round of groundwater samples was collected from each of the 10 newly-installed groundwater monitoring wells during the investigation. Groundwater samples collected during the Phase II contained several metals at concentrations greater than the applicable Class GA Groundwater Standards. The results are typical of groundwater quality in historic fill such as that known to underlie the Site. As part of the investigation, depth to water measurements were collected at the 10 newly-installed groundwater monitoring wells to determine groundwater elevation and flow. The water table was measured between 3 feet and 9 feet bgs. Groundwater flow was determined to be generally north toward the East River, also reflecting topography at the Site.

Qualitative Human Health Exposure Assessment

Quay performed an HHEA to identify constituents of potential concern (COPCs) and determine potential exposure pathways to impacted media at the Site. Exposure pathways for impacted soil were determined to be inhalation of airborne particles and dermal contact/ingestion of soils. Quay determined that these are minimized by the existing cover at the Site composed of buildings, paved

areas, concrete, and millings, and that any potential subsurface intrusive activities would require community air monitoring and proper health and safety by workers.

2.3.4 Vegetative Area Delineation Remediation Work Plan, Quay Consulting LLC (November 2011)

Quay performed a Site-wide vegetated areas investigation to determine if the soil quality of surficial soil in existing vegetated areas meets NYSDEC Part 375 Commercial Use SCOs as required by the Decision Document for the Site. Twelve soil samples were collected from grade to 1 foot bgs in primarily the southern portion of the Site. Six of those soil samples contained one SVOC, benzo(a)pyrene, at concentrations greater than the Part 375 Commercial Use SCO. The highest concentration detected was 3.0 mg/kg in soil sample SS-08, collected in the landscaped area north of Building 275, with the remainder of exceedences ranging between 1.1 and 1.5 mg/kg. The remaining six soil samples did not contain any analytes at concentrations greater than the applicable Part 375 Commercial Use SCOs. Relevant figures and tables are included in Appendix C.

2.3.5 Vegetative Area Investigation, CORE Environmental Consultants, Inc. (November 2017)

CORE performed a visual assessment of vegetated areas at the BNYIP in February and March 2017. Based on the location of surface samples collected by Quay for the November 2011 Vegetative Area Delineation Remediation Work Plan, CORE identified a total of 15 surface soil sample locations in various vegetated areas throughout the Site. Soil from grade to 1 foot bgs was composited for analysis of Target Compound List (TCL) SVOCs, TCL pesticides/Aroclors, and Target Analyte List (TAL) metals plus cyanide. Discrete grab samples were collected at 6 inches bgs for analysis of TCL VOCs.

Analytical results were compared to NYSDEC Part 375 Commercial Use SCOs. The following exceedences were identified:

- B-2 – Arsenic was detected at a concentration of 34.9 mg/kg (Commercial Use SCO of 16 mg/kg);
- B-3 – Arsenic was detected at a concentration of 43.8 mg/kg and copper was detected at a concentration of 1,030 mg/kg (270 mg/kg);
- B-7 – Benzo(a)pyrene was detected at a concentration of 1.44 mg/kg (1 mg/kg);
- B-9 – Arsenic was detected at a concentration of 31.0 mg/kg, barium was detected at a concentration of 484 mg/kg (400 mg/kg), and copper was detected at a concentration of 680 mg/kg; and
- B-14 – Copper was detected at a concentration of 384 mg/kg.

NYSDEC and NYSDOH determined that exceedences identified during the Vegetative Area Investigation were in remote portions of the Site, were relatively small, and the exceedences were generally minor. Figures and information relevant to the CORE 2017 Vegetative Area Investigation are included in Appendix C.

2.3.6 Site Investigations for Adjacent Properties

In addition, the following environmental site assessments were conducted at properties adjacent to the VCA parcel:

- Wehran Engineering Consulting Engineers. November 1988. “The Site Environmental Assessment of the Brooklyn Navy Yard.” Final.
- Stone & Webster. 1990. “Site Assessment Report for Red Hook. Final.” EA Engineering, Science, and Technology. 1994a. “Work Plan for Environmental Baseline Survey Phase II at Naval Station - New York Sites (Brooklyn Naval Station).”
- EA Engineering, Science, and Technology. 1994b. “Field Sampling Plan for Environmental Baseline Survey Phase II at Naval Station - New York Sites (Brooklyn Naval Station).” Final.
- EA Engineering, Science, and Technology. 1996. “Remedial Action Completion Report for Remediation of Transformer Site Soil.” Final.
- HDR Consulting Engineers. “Supplemental Site Investigation.” June 1998.
- HDR Consulting Engineers. “Interim Remedial Measures.” June 1998.
- GEI Consultants. “Remedial Investigation Report, Nassau Gas Works.” December 2006.
- HydroQual Environmental Engineers and Scientists. “Remedial Investigation Report.” August 2007.

2.4 PREVIOUS REMEDIATION EVENTS

The following sections summarize remedial events that have occurred at the Site.

2.4.1 Electrical Transformer Substation C Final Remedial Action

PCB impacts related to Substation C (Building 542) were remediated between December 1998 and February 1999. During the initial phase of remedial activities, sediment in the subsurface vault was removed, and subsurface and above-grade concrete surfaces were cleaned. Post-cleaning wipe samples indicated that while above-grade concrete surfaces were below the applicable 10 µg/100 cm^2 cleanup objective, subsurface vault surfaces were not. The concrete surfaces within the subsurface vault were encapsulated with two solvent-resistant, water-repellant coatings of

contrasting colors and were marked with the M_L Mark. The subsurface vault was backfilled with clean fill and the access man-way was sealed. All remedial waste, including sediments and decontamination fluids, was disposed of as required by the Toxic Substances Control Act (TSCA). The areas have been covered with concrete and are being managed under Site Management. A Copy of the Substation C closure report is included in Appendix D.

2.4.2 Substation 9 (Building 128)

On September 15, 2010, TCI of New York drained the oil from three existing transformers (Units 94, 95, and 96) located within Substation 9/Building 128. The PCB oil was transported to TCI of Alabama, LLC. TCI of New York subsequently removed the three transformers from Site on March 3, 2012. The transformers were transported to TCI of Alabama, LLC. At the time of transformer removal, the concrete containment pads for Units 94, 95, and 96 were removed in addition to containment pads for five additional historical transformers. Concrete was sent to CWM Chemical Services, LLC of Model City, New York.

Following removal of the concrete, confirmatory soil samples were collected to determine whether PCB impacts existed below the containment pads. A total of nine soils samples were collected and submitted for analysis of PCBs, Target Analyte List (TAL) metals, and Target Compound List (TCL) semi-volatile organics (SVOCs). Analytical results indicated that soil beneath the former containment pads did not contain PCBs in exceedence of the applicable Part 375 Commercial Use SCO of 1 mg/kg. Concentrations of metals and SVOCs detected were consistent with urban fill identified throughout the Site.

A copy of the Substation 9/Building 128 remedial cleanup report containing appropriate Hazardous Waste Manifests is located in Appendix D.

2.4.3 Building 3 – First Floor

Remedial actions for the first-floor transformer room in Building 3 were performed on May 16, 17, and 18, 2018 by CORE and Triumvirate Environmental, Inc. (TEI). Remedial activities were performed in accordance with the NYSDEC-approved Remedial Design dated April 18, 2018.

Triumvirate performed a double wash/rinse on the concrete in accordance with Title 40 of the Code of Federal Regulations Part 761 (40 CFR 761) Subpart S. Simple Green® was utilized as the solvent during the wash. The area between the two former transformer berms was also washed.

The concrete was allowed to dry for 24 hours and two layers of solvent-resistant, water-repellant coatings of contrasting colors were applied to the concrete in accordance with 40 CR 761.30(p). The initial coat of blue-colored epoxy was applied to the historical transformer area on May 17, 2018 and allowed to cure for 24 hours. A second gray coat of epoxy was applied on May 18, 2018. The area between the two former transformer berms was also coated.

Two M_L Marks were placed at approximately eye level on the wall located immediately adjacent to the encapsulated area within the former transformer room. A BNYDC contact was identified on both labels.

Two 55-gallon drums of wash/rinse water were transported off-Site on June 5, 2018. The wastewater was characterized prior to removal from Site and was disposed of appropriately based on that characterization (hazardous for lead). A copy of the Building 3 Transformer Substation Closure Report containing appropriate documentation and manifests is located in Appendix D.

2.4.4 Building 297/Substation H

Substation H, a transformer substation located within and immediately adjacent to Building 297, contained several oil filled electrical transformers that historically contained PCBs. The area to the north of Substation H was utilized as a drum storage area (designated Drum Storage Area C) and is presumed to have stored drums containing PCB oil. The transformers associated with Substation H were decommissioned in 2010 and the building was demolished in 2015, with the building debris utilized to backfill the building footprint. Substation H (Building 297)/Drum Storage Area C are located southeast of Wallabout Road's intersection with Washington Avenue.

Surficial soil samples, installed soil borings, and excavated test pits in and around the Substation H/Drum Storage Area C areas were completed during a Phase II Site Investigation in 2002 to determine if operation of the historically PCB oil-filled electrical transformers associated with Substation H had resulted in spills or leaks that potentially impacted surrounding structures. Surficial and subsurface soil samples within Drum Storage Area C and Substation H/Building 297 contained concentrations of PCBs in exceedance of the 1 mg/kg cleanup criteria for surficial soils and 10 mg/kg for subsurface soils.

A Site characterization was completed in December 2017 by CORE. The proposed project area qualified for cleanup of a PCB-impacted site under USEPA self-implementing regulations for cleanup and disposal of PCB remediation waste (40 CFR 761) at a low-occupancy site. These soils required special handling and disposal under the Toxic Substances Control Act (TSCA). The proposed cleanup action involved excavation and disposal of PCB-impacted soil in the area of former Substation H/Drum Storage Area C.

CORE submitted the SICP and Form 7710-53 "Notification of PCB Activity" to the USEPA regional administration and NYSDEC in January 2018. The USEPA approved the BNYDC's application for cleanup and disposal of PCB remediation waste under 40 CFR 761.61(a) and the SICP on April 5, 2018.

Construction Plans and Specifications for the Remediation Project were prepared by CORE based on the USEPA-approved SICP. The excavation plan included nine (9) 20' x 20' grids with design

soil excavation depths ranging from 1' to 8' based on the observed depth of contamination during the site characterization performed by CORE. Soil generated from excavation activities was handled as two different waste streams, hazardous (>50 PPM PCBs and regulated by the Toxic Substances Control Act [TSCA]) and non-hazardous (<50 PPM PCBs), based on the Site Characterization samples collected by CORE prior to construction.

All hazardous and non-hazardous PCB-impacted soils within the project area were properly excavated, transported off-site, and disposed of at permitted disposal facilities. Confirmation endpoint and sidewall sampling demonstrated that all residual contamination had been removed from the project area, and the excavated area was returned to original grade using Site Management Plan approved, clean RCA fill. Upon Posillico's demobilization from the site, the final site cap was restored in accordance with the Brooklyn Navy Yard's Site Management Plan. The Construction Completion Report included as Appendix I.

2.4.5 Building 77/Substation 22

Substation 22, a former transformer substation located within Building 77, contained several oil-filled electrical transformers that historically contained PCBs. The transformers were located on a mezzanine above the first floor. The Substation 22 transformers concrete pad surfaces were found to have PCB contamination that exceeded the 40 CFR 761.79 Decontamination Standards and Procedures threshold of 10 µg/100 cm2. The Building 77/Substation 22 mezzanine remediation was completed in accordance with USEPA Performance-Based Cleanup and Disposal of PCB Remediation Waste (40 CFR 761(b)). All contaminated concrete generated from the slab remediation within the project area were properly transported off-site and disposed of at permitted disposal facilities. Confirmation sampling demonstrated that all residual contamination above 1 PPM total PCBs had been removed from the project area. All facilities erected were de-contaminated before the contractor demobilization from the site. Additionally, protective barriers were left in place while the slab was restored back to original specifications. The Construction Completion Report is included as Appendix J.

2.5 PCB-IMPACTED TRANSFORMER REMOVAL

Several PCB-impacted oils and the associated transformers have been removed from the Site. Hazardous waste manifests for PCB-impacted oils and transformers identified below are included in Appendix D.

- **Building 3** – Two tanker trucks of PCB-impacted oil were drained from the Building 3 rooftop transformers in September 2005. PCB oil was removed from the four interior units in September 2010 (Units 780, 815, 816, and 817). The four interior transformers were removed and disposed of in September 2010. Waste was transported to TCI of Alabama, LLC in Pell City Alabama, a United States Environmental Protection Agency (USEPA)-permitted PCB disposal facility.

- **Building 22** – Transformers were reportedly removed from the Site prior to the VCA.
- **Building 200** – One of three transformers (Unit 400) and three drums of PCB-containing oil were removed from Building 200 in January 2013. Waste was transported to TCI of Alabama, LLC. Two additional transformers (Units 399 and 919) containing less than 500 ppm of PCBs were also removed in January 2013 and shipped as non-hazardous waste to G&S Motor Equipment Company of Kearny, New Jersey.
- **Substation 1 (Building 4)** – Transformers were reportedly removed from the Site prior to the VCA.
- **Substation 13 (Building 249)** – Transformers were reportedly removed from the Site prior to the VCA.
- **Substation 25 (Building 131)** – All transformers have been removed from the Site. Twelve drums of PCB oil, one drum of PCB debris, and PCB transformer Unit 93 were transported to TCI of Alabama, LLC on December 11, 2015.
- **Substation D (Building 280)** – PCB transformer Units 438 and 439 were drained in September 2010 generating four drums of PCB oil. Both units were removed from Site in September 2010. Waste was transported to TCI of Alabama, LLC.
- **Substation 18 (Building 562)** – The single PCB transformer located at Substation 18 (Unit 436) was removed from the Site in September 2010. Waste was transported to TCI of Alabama, LLC.
- **Substation K and Building 292** – Several PCB-impacted transformers were drained in August 2010 (Units 59, 106, 8010, 8011, and 8012), generating two cargo tanks and 13 drums of PCB oil. Between August and September 2010, six PCB transformers were removed from the Site (Units 59, 431, 432, 8010, 8011, and 8012). Waste was transported to TCI of Alabama, LLC. Two additional PCB transformers were also removed from the Site in December 2013, and one was removed in July 2014. At least two additional PCB transformers were reportedly disposed of in 1997.
- **Substation L (Building 390)** – The PCB-impacted oil was drained from three PCB transformers at Building 390 in August and September 2010 (Units 160, 409, and 410). The three transformers were subsequently removed from Site in September 2010. Waste was transported to TCI of Alabama, LLC. Remaining PCB-impacted transformers were reportedly removed from the Site in 1997.
- **Substation Q (Building 668)** – The non-PCB transformer and 2,085 gallons of oil were removed form Site and transported as non-hazardous waste to TCI, Inc. of Hudson, New York in 2005.

2.6 REMEDIAL ACTION OBJECTIVES

The Remedial Action Objectives (RAOs) for the Site are as follows:

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Groundwater

RAOs for the protection of human health:

- Prevent ingestion of groundwater with impacts exceeding drinking water standards.

2.7 FINAL REMEDY

The final remedy for the Site includes the installation/maintenance of a Site-wide protective cover with ICs. Components of the remedy include:

- Site-wide Cover
  - Existing buildings, roads and parking lots (either paved or of compacted gravel) currently cover the majority of the Site and are considered an acceptable cover in their present state.
  - When Site redevelopment results in penetration of these areas, reconstruction will include a concrete or paving system at a minimum of 6 inches in thickness. Any vegetated areas not covered by buildings, roads, or parking lots (i.e. landscaped areas) will be covered by a 1-foot thick soil cover consisting of soil that meets NYSDEC SCOs for Commercial Use underlain by a demarcation layer to delineate the cover soil from the subsurface soil. The top 6 inches of soil must be of sufficient quality to support vegetation.
- Institutional Control
  - The Environmental Easement, included as Appendix A of this SMP, is recorded in the Title records for the Site. The Environmental Easement:

- requires the remedial party to complete and submit a periodic certification of institutional and engineering controls to NYSDEC in accordance with Part 375-1.8(h)(3);
- allows the use and development of the Site for commercial as described in Part 375-1.8(g)(2)(iii) and industrial as described in Part 375-1.8(g)(2)(iv), including passive recreational uses, cultural uses, and college or graduate academic and administrative facilities, all with limited potential for soil contact. Interior classroom and administrative facilities for secondary education with limited potential for soil contact shall be allowed. Rooftop gardens shall be allowed so long as they are not grown using soil from Site;
- restricts the use of groundwater underlying the property without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or the New York City Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC; and
- requires compliance with this NYSDEC-approved SMP.

- Site Management Plan
  - This NYSDEC-approved SMP, which includes:
    - an Institutional and Engineering Control Plan that identifies all use restrictions and ECs for the Site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
      - ICs: The Environmental Easement provided in Appendix A; and
      - ECs: The Site-wide protective cover.
  - This SMP also includes:
    - an Excavation Work Plan which details the provisions for management of future excavations in areas of remaining contamination;
    - a Monitoring Plan to assess the performance and effectiveness of the remedy; and
    - the future decommissioning of 16 transformer substations. The substations will be cleaned to a goal of 1 mg/kg of PCBs in the upper 1 foot of soil, and 10 mg/kg in subsurface soils as these facilities are upgraded or

decommissioned. Concrete surfaces will be cleaned to 10 µg/100 cm^2, or 100 µg/100 cm^2 if encapsulated in accordance with PCB Spill Decontamination standards and procedures listed in T40 CFR 761.79.

2.8 REMAINING CONTAMINATION

The following section summarizes remaining contamination at the Site following implementation of the final remedy.

2.8.1 Soil

Remaining contamination in soil remains beneath the Site after the remedy completion due to inaccessibility as a result of the on-Site buildings, pavement, concrete, or millings that cover the majority of the property. Consequently, ICs and ECs will be required for long-term management to protect human health and the environment. Long-term management of ICs, ECs, and remaining contamination will be executed under this Site-specific SMP.

Areas of subsurface soil where COPCs were detected, as discussed in Section 2.3, remain in place at levels that are typical for historic urban fill that is known to underlie the Site. PCBs related to transformer use identified at 16 current and historical substation locations will be addressed as each location is decommissioned during redevelopment activities.

Remaining contamination is identified in Appendix C. It is assumed that all soil underlying the Site-wide protective cover will exceed Commercial Use SCOs for one or more compounds.

2.8.2 Groundwater

During previous Site investigations, concentrations of COPCs - primarily metals and PAHs - were detected in exceedence of the applicable standards, guidance, and criteria (SCGs) in Site overburden groundwater.

As a result of existing impacts to groundwater that remain beneath the Site at issuance of the FER, ICs are required to protect human health and the environment. These ICs are discussed in Section

3.0. Long-term management of ICs and remaining contamination will be performed under this SMP. ICs include an environmental easement.

Remaining contamination is identified in Appendix C. It is assumed that groundwater at the Site is representative of groundwater quality in historic fill such as that encountered during previous Site investigations.

2.8.3 PCB-Impacted Transformers

The transformers identified in Table 2-1 will require remediation as they are decommissioned in accordance with the remedy for the Site. A Transformer Substation Location Plan is included as Figure 3.

Prior to decommissioning, a Transformer Substation Closure Plan will be submitted to NYSDEC for approval. Upon decommissioning and after completion of remedial actions at each substation, a Transformer Substation Closure Report will be submitted to NYSDEC that contains information on PCB-impacted oil removal and disposal, transformer removal and disposal, any concrete cleaning or encasement, and soil removal activities. Remedial actions will be documented with photographs, and all hazardous waste manifests and laboratory analytical data from confirmatory wipe or soil samples will be included in each report.

Table 2-1

Remaining Contamination at Transformer Substations

Substation ID/Location	Soil Present?	Soil Impacts Identified?	Concrete Present?	Concrete Impacts Identified?
Substation B - Building 234	N	NA	Y	Y
Substation D - Building 280	N	NA	Y	Y
Substation G - Building 386	Y	Y	Y	Y
Substation K - Building 292	Y	Y	Y	Y
Substation L - Building 390	N	NA	Y	Y
Substation 1 - Building 4	N	NA	Y	Y
Substation 18 - Building 562	Y	Y	Y	Y
Substation 19 - Building 5	N	NA	Y	Y
Substation 25 - Building 131	N	NA	Y	Y
Substation 29 - Building 664	N	NA	Y	Y
Building 22	N	NA	Y	Y
Building 41	N	NA	Y	Y
Building 200	N	NA	Y	Y
Building 275	N	NA	Y	Y
Building 292	N	NA	Y	Y
Building 664	N	NA	Y	Y

Substations Q (Building 668) and 13 (Building 249), which have historically been identified as substations requiring remediation, have been removed from the list per discussions with NYSDEC and following confirmatory investigation.

- **Substation Q (Building 668)** – The area previously identified as containing PCBs in surficial soils at concentrations greater than 1 ppm is currently asphalt paved and utilized for parking. The source transformer was non-PCB/non-TSCA, and the original PCB concentrations in soil were less than the Site-specific cleanup goal of 10 ppm for subsurface soil. The area was brought back under the VCA to prevent potential mismanagement of soil in that area in the future, however no additional remediation is required at this time.

- **Substation 13 (Building 249)** – Original surficial soil concentrations in the area of the transformer substation were greater than 1 ppm, but less than 10ppm, and the source was non-PCB/non-TSCA. The area of soil is currently asphalt paved. During previous investigations, wipe samples of the concrete transformer pads contained concentrations of PCBs greater than the Site-specific cleanup goal of 10 µg/100 cm^2.

CORE collected three concrete dust samples in compliance with USEPA procedures and the NYSDEC-approved Remedial Design on June 5, 2018. All three concrete samples contained concentrations of PCBs less than 1 ppm, which allows for unrestricted use of an area per USEPA requirements. As a result, the area was brought back under the VCA to prevent potential mismanagement of soil in that area in the future, however no additional remediation is required at this time. The Exception Area Building 249/Substation 13 Investigation Report is included in Appendix D.

2.8.4 Substation 4/Dock 72 Development Activities

Building 274 was formerly located on Dock 72 and consisted of a two-story building utilized by the US Navy as a machine shop. Substation #4 was located at the east end of Building 274 and reportedly contained one (1) non-PCB pole mounted transformer located above a 100 square foot concrete containment area. During the BNY Site Wide Phase II Investigation, eight (8) concrete wipe samples were taken 12/10/1998. Seven (7) out of the eight (8) wipe samples contained polychlorinated biphenyl (PCB) concentrations greater than 10 ug/wipe, with the highest concentration at 158.4 ug/wipe. No soil samples were collected during the Phase II around the concrete pad.

The transformer was removed from the pole in May 2010, and shortly thereafter the building was demolished. It is not confirmed if the transformer concrete pad was demolished at this time, however the building foundation slab remained. The transformer disposal manifests are included as Attachment A.

The BNY Remedial Action Work Plan (RAWP) was prepared by Quay Consulting and submitted to the NYSDEC in December 2010. The RAWP included the plan for the decommissioning of the twenty-three (23) transformer substations, where PCB impacts had been identified and delineated. The proposed remedial actions for substations included remediating the impacted substations to a goal of 1 mg/kg in the upper 1 foot of soils and 10 mg/kg in subsurface soils as these facilities are upgraded or decommissioned. Concrete surfaces were to be cleaned to 10 ug/100 sq cm, or 100 ug/100 sq cm if encapsulated in accordance with PCB Spill Decontamination standards and procedures (40 CFR Part 761.79). The RAWP listed a concrete surface clean up area of 100-square feet for Building 274/Substation #4, and did not require soil remediation.

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) Environmental Investigations Langan was retained by BNY Tower Associates, LLC in 2013 to complete environmental investigations associated with the development activities of Dock 72. Langan completed a Phase I Environmental Site Assessment in December 2013 for the Dock 72 area. The Phase I did not identify the former transformer pad or Building 274; however, the majority of the Dock 72 area was noted as being covered by concrete.

Langan completed a Phase II Environmental Site Investigation in July 2014. At the time of the Phase II ESI, a proposed development for Dock 72 included construction of a 13-story commercial office building with accessory parking, recreation, assembly and retail use. There were no cellar levels planned for the new building; however, proposed construction would require soil/fill excavation for foundation elements.

A geophysical survey was completed. The survey identified the concrete foundation of the former Building 274. The soil investigation included eight environmental soil borings (SB01 through SB08) completed to 10-13 feet below ground surface (bgs). A total of seventeen soil grab samples, two to three samples per soil boring, including one duplicate sample, were collected for laboratory analysis. The sample locations and results are included on Figure 1. Borings SB02 and SB03 were located within the Building 274 footprint. The maximum PCB concentration found was 0.0564 mg/kg at 0'-2' bgs in SB02.

The highest PCB concentration outside the Building 274 footprint was found in SB08 located at the southeast end of Dock 72, not in the vicinity of Substation #4. The total PCB concentration was 0.127 mg/kg at 2'-4' bgs. The low-level PCB concentrations indicate the general PCB contamination associated with fill at the site, and not a PCB spill.

The Dock 72 development project required excavation to install building foundation elements, subsurface utilities, and landscaped areas of the site. From March 2016, Langan was retained by BNY Tower Associates to be on-site during intrusive activities to observe and document environmental protocols in accordance with the Site Management Plan for the Brooklyn Navy Yard Industrial Park.

The site is referenced with three main areas: Dock 72, the Triangle Lot, and the GMD lot.

1. Dock 72 is the western extension of the site and includes the newly constructed office building (this area, within the building footprint, is excluded from the Voluntary Cleanup Agreement (VCA) parcel).

2. The Triangle Lot is the central portion of the site east of Dock 72 and includes a newly paved parking lot. This area was included in the 2018 VCA parcel.

3. The GMD Lot is the northern extension of the site where construction included a paved parking lot above a subsurface stormwater detention system. This area was included in the 2018 VCA parcel.

Langan collected soil samples from the Dock 72 construction area for waste disposal characterization between June 17, 2017 and December 2018. Composite samples were collected from various excavation areas and analyzed for PCBs. The excavated areas, soil pile locations, and total PCB concentrations results are depicted on Figure 1. Two test pits were completed at the south end of the Building 274 footprint (TP01 and TP02). These were located in the approximate area of the historic pole mounted transformer near Building 274. The composite sample collected from TP01 from a range of 0'-5' contained a total PCB concentration 1.84 mg/kg. The composite sample collected from TP02 from a range of 0'-7' contained a total PCB concentration 1.05 mg/kg. Two (2) composite samples contained PCB concentrations above 10 mg/kg. No samples exceeded the Toxic Substance Control Act (TSCA) concentration for PCBs of 50 mg/kg. A composite waste characterization sample from the northern site grading excavation contained total PCB concentration of 12.3 mg/kg. The sample containing the highest concentrations of PCBs - 25.6 mg/kg (SP09) was collected from excavated areas at the north end of Dock 72. The sample locations were not within the vicinity of Substation #4. Excavated materials from these locations were properly disposed of offsite. Disposal manifests are included in the Langan Construction Completion Report (CCR), dated October 2021.

The West Building Core, located over the majority of former Building 274 footprint and the location of the former pole mounted transformer, was excavated to a depth of 5' and the soil disposed offsite. The disposal manifests are provided in Langan's CCR.
Four (4) composite samples were collected during the various excavations of the Triangle Lot between June and December 2018. All samples contained total PCB concentrations below 1 mg/kg and were consistent with the Dock 72 Samples. One (1) sample was taken from the GMD in June 2016 for the stormwater detention excavation, and this also contained PCBs below 1 mg/kg and was consistent with both Dock 72 and the Triangle Lot.
Change of Use Notification for Dock 72

Charlie Post (NYSDEC Case Manager) was onsite at BNY on June 6, 2019 and issued a stop work order and requested all notices and approvals from NYSDEC for ongoing work in the Triangle Lot and GMD Lot. Langan prepared a Change of Use Notification for cover disturbance at the Dock 72 Project, inclusive of the building, surrounding landscaped areas, and GMD Shipyard parking. Langan prepared a work plan containing information related to the past work on the project, a site plan, information regarding cover breach procedures, and notifications/progress reporting for this project.

NYSDEC requested polychlorinated biphenyl (PCB) sampling in the GMD parking lot. On June 12, 2019, Langan collected the requested PCB samples from 30-foot by 30-foot grids established across the GMD lot. Langan submitted the results to NYSDEC on June 14, 2019. Two (2) samples contained PCBs greater than 1 mg/kg. The material from these 30-foot by 30-foot areas was

excavated and disposed of off-site on August 2, 2019. The sample grid and results are included in Figure 1.

Langan submitted a CCR dated October 2019. The CCR documented ground-intrusive activities, including sitewide soil grading, utility installation, and foundation construction during redevelopment of Dock 72 during the reporting period of March 23, 2016 to June 6, 2019. The report provides documentation that the earthwork and foundation construction activities were completed in accordance with the SMP. The site cover system was restored with new building structures. Utility excavations outside of the building footprint, aside from the GMD lot, were capped with asphalt or one foot of clean fill prior to building construction. At the time of the report, the GMD lot was approximately 95% complete.

Upon completion of the remaining work, Langan submitted an additional CCR dated July 2020. The CCR documented ground-intrusive activities, including sitewide soil grading, utility installation, and foundation construction during redevelopment of Dock 72 during the reporting period of June 17, 2019 to October 3, 2019. The report provides documentation that the earthwork and foundation construction activities were completed in accordance with the SMP.

The site cover system was restored with new building structures, concrete sidewalks, asphalt-paved parking lots, and landscaped areas with at least one foot of clean fill above a demarcation layer were capped with asphalt or one foot of clean fill prior to building construction.
The GMD lot is complete and capped with asphalt, concrete sidewalks and islands, or one foot of clean fill above a demarcation layer.

The majority of the southern portion of the Building 274 footprint, as well as the location of the former pole transformer and concrete pad, was excavated to a depth of 5-feet bgs for the Western Building Core foundation installation. Test Pits TP01 and TP02 were completed in these locations. Composite samples from these test pits from a range of 0’ – 7’ contained total PCB concentrations of 1.05 mg/kg – 1.84 mg/kg. The material was characterized and disposed of properly offsite. Disposal manifests are included in the CCR. This area was backfilled with approved material. Langan’s Construction Completion Report, revised October 2021, and Construction Activity Report, revised October 2021, are included in Appendix K.

3.0 INSTITUTIONAL AND ENGINEERING CONTROL PLAN

3.1 GENERAL

Since remaining contamination exists at the Site, ICs and ECs are required to protect human health and the environment. This IC and EC Plan describes the procedures for the implementation and management of all IC and ECs at the Site. The IC and EC Plan is one component of the SMP and is subject to revision by NYSDEC.

This plan provides:

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

3.2 INSTITUTIONAL CONTROLS

A series of ICs is required by the Decision Document to:

- Implement, maintain, and monitor EC systems;
- Prevent future exposure to remaining contamination; and
- Limit the use and development of the Site to commercial or industrial uses only.

Adherence to these ICs on the site is required by the Environmental Easement and will be implemented under this SMP. ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. The IC boundaries are shown on Figure 2. These ICs are:

- The remedial party or Site owner must complete a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3) and submit to NYSDEC;

- The Site may be used for commercial as described in Part 375-1.8(g)(2)(iii) and industrial as described in Part 375-1.8(g)(2)(iv), including passive recreational uses, cultural uses, and college or graduate academic and administrative facilities, all with limited potential for soil contact. Interior classroom and administrative facilities for secondary education with limited potential for soil contact shall be allowed. Rooftop gardens shall be allowed so long as they are not grown using soil from Site;
- All ECs must be operated and maintained as specified in this SMP;
- All ECs must be inspected at a frequency and in a manner defined in this SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in this SMP;
- Prior to any non-emergency breach of the cover system, building construction, or any other activity that may increase the potential for people to come into contact with the remaining contamination at the Site, NYSDEC will be contacted, and the details of the situation relayed through a “Change of Use” notification;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; and
- The future decommissioning of 16 transformer substations.

3.3 ENGINEERING CONTROLS

Site-wide Cover

Exposure to remaining contamination at the Site is prevented by a Site-wide cover, consisting of either structures, such as buildings, pavement, and sidewalks, or soil, where the upper one foot of exposed surface soil meets the applicable SCOs for Commercial Use. Any fill material brought to the Site will meet the lower of the Commercial Use SCOs and the Protection of Groundwater SCOs as set forth in 6 NYCRR 375-6.7(d).

The EWP provided in Appendix E outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying residually impacted materials are disturbed. Procedures for the inspection of this cover are provided in the Monitoring Plan included in Section 4.0 of this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and associated Community Air Monitoring Plan (CAMP), provided in Appendix F. The area of the Site subject to Engineering Controls is presented on Figure 4.

3.4 CRITERIA FOR COMPLETION OF REMEDIATION

Generally, remedial processes are considered completed when monitoring indicates that the remedy has achieved the RAOs identified by the Decision Document. The framework for determining when remedial processes are complete is provided in Section 6.4 of DER-10. It is assumed that the Site-wide cover will be required to be maintained in perpetuity.

Site-wide Cover

The Site-wide cover system consisting of buildings, pavement, sidewalks, millings, or exposed soil where the upper one foot meets Commercial Use SCOs is a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in accordance with this SMP in perpetuity.

4.0 MONITORING PLAN

4.1 GENERAL

This Monitoring Plan describes the measures for evaluating the overall performance and effectiveness of the remedy. This Monitoring Plan may only be revised with the approval of NYSDEC. Although the current remedy does not currently require sample collection, details regarding the sampling procedures, data quality usability objectives, analytical methods, etc. for all samples potentially collected as part of future Site management activities are included in the Quality Assurance Project Plan (QAPP) provided in Appendix G.

This Monitoring Plan describes the methods to be used for evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

To adequately address these issues, this Monitoring Plan provides information on annual inspection and periodic certification. Reporting requirements are provided in Section 8.0 of this SMP.

4.2 SITE – WIDE INSPECTION

Site-wide inspections will be performed once per year, at a minimum. Modification to the frequency or duration of the inspections will require approval from NYSDEC. Site-wide inspections will also be performed after all severe weather conditions that may affect ECs or monitoring devices. During these inspections, an inspection form will be completed as provided in Appendix H – Site Management Forms. The form will compile sufficient information to assess the following:

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

Inspections of all remedial components installed at the Site will be conducted. A comprehensive Site-wide inspection will be conducted and documented according to the SMP schedule, regardless of the frequency of the Periodic Review Report. The inspections will determine and document the following:

- Whether ECs continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Environmental Easement;

- Achievement of remedial performance criteria; and
- If Site records are complete and up to date.

Reporting requirements are outlined in Section 8.0 of this plan.

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

4.3 POST-REMEDIATION MEDIA MONITORING AND SAMPLING

The remedy does not currently require routine analytical monitoring and sampling of Site media; however, should that be changed by unforeseen circumstances in the future, this SMP will be revised to reflect monitoring requirements as determined by NYSDEC. In the event that such information is required, detailed sample collection and analytical procedures are provided in Appendix G – Quality Assurance Project Plan.

5.0 OPERATION AND MAINTENANCE PLAN

The Site remedy does not rely on any mechanical systems, such as groundwater treatment systems, sub-slab depressurization systems (SSDS) or air sparge/soil vapor extraction (AS/SVE) systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in this SMP. Should that change, this Section of the SMP will be updated and resubmitted to NYSDEC for approval.

6.0 TENANT ACTIVITIES

Tenant activities at the BNYIP must comply with the requirements of this SMP and the EWP included in Appendix E.

6.1 SUBSURFACE INTRUSIVE ACTIVITIES

Subsurface intrusive activities must comply with this SMP, the EWP included as Appendix E, and with the requirements outlined below.

6.1.1 Notifications

Tenants who wish to disturb the existing Site-wide cover (as defined in Section 2.6) must notify BNYDC in advance of such activities as described below. No subsurface intrusive activities will occur without explicit approval by BNYDC. All work must be performed in compliance with the Site-specific HASP included in Appendix F, including Site-specific CAMP monitoring requirements.

Drilling, Subsurface Investigation or Other Minor Disturbances

Site-wide cover disturbance requires a notification to NYSDEC. Tenant activities that include minor subsurface investigation (e.g., drilling, subsurface investigation, excavation, fence post installation, tree root removal, etc.) that may disturb the existing Site cover require notification to BNYDC at least 15 days in advance. BNYDC will provide the appropriate notice to NYSDEC.

Change of Use

Any activity that will result in a change of use of any property leased from BNYDC requires notification to NYSDEC. This includes any major breach of the Site-wide protective cover (as defined in Section 2.6), e.g. – the addition of any structure, creation of a park or other public/private recreational facility, any activity that is likely to expose impacted media or increase the potential for direct human exposure (e.g. building demolition/construction, slab removal, roadway and parking lot demolition/construction, etc.), or any other activity which may impede the ability of BNYDC to maintain the ECs required by the remedy.

BNYDC must be notified of any activity which may be considered a Change of Use at least 65 days in advance. A project-specific Work Plan will be provided to BNYDC by the tenant describing soil disturbance activities and will include figures identifying the area(s) to be disturbed. The Change of Use request must include the NYSDEC 60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership form found at http://www.dec.ny.gov/docs/remediation_hudson_pdf/changeofuse.pdf or in Appendix H. BNYDC will review the Change of Use request and submit to NYSDEC.

6.1.2 Reporting

Any documentation generated during subsurface intrusive activities, including disposal manifests, air monitoring data, and/or closeout reports will be submitted to BNYDC within 60 days of project

completion. All investigation-derived analytical data (such as soil, groundwater, or vapor intrusion air data) collected during subsurface intrusive or investigative activities will be provided to BNYDC as an Analytical Services Protocol Category B (ASP-B) laboratory deliverable with associated electronic data deliverable (EDD). The deliverable will be sufficient for validation in accordance with NYSDEC requirements.

6.2 SPILLS REPORTING

If obviously impacted soils are encountered during subsurface intrusive activities, BNYDC will be notified immediately. BNYDC will be responsible for reporting the spill to NYSDEC, as applicable. In the event that a spill occurs during a tenant's daily activities, the tenant will immediately report the spill to BNYDC, who will report the spill to NYSDEC, if applicable.

Table 6-1
Tenant Reporting Responsibilities

Activity	Report To	When	Contact	
Minor Ground Disturbance	BNYDC	15 days prior	Shani Leibowitz	718.907.5955
Change of Use	BNYDC	65 days prior	Shani Leibowitz	718.907.5955
Spills	BNYDC	Immediately	Carmine Stabile	718.907.5919
Analytical Data	BNYDC	Within 60 days of collection	Shani Leibowitz	718.907.5955

7.0 PERIODIC ASSESSMENTS/EVALUATIONS

7.1 CLIMATE CHANGE VULNERABILITY ASSESSMENT

Increases in both the severity and frequency of storms/weather events, an increase in sea level elevations along with accompanying flooding impacts, shifting precipitation patterns and wide temperature fluctuations, resulting from global climactic change and instability, have the potential to significantly impact the performance, effectiveness and protectiveness of a given Site and associated remedial systems. Vulnerability assessments provide information so that the Site and associated remedial systems are prepared for the impacts of the increasing frequency and intensity of severe storms/weather events and associated flooding.

This section provides a summary of vulnerability assessments that will be conducted for the Site during periodic assessments, and briefly summarizes the vulnerability of the Site and/or ECs to severe storms/weather events and associated flooding. Potential vulnerabilities may include, but are not limited to:

- **Flood Plain:** The majority of the Site is located in a 100-year flood plain with the southern and easternmost extents of the Site falling in a 500-year flood plain. The 100-year floor base flood elevation varies between 14 feet on the northern end of the Site to 10 feet at the southern portion of the Site.
- **Site Drainage and Storm Water Management:** Severe weather events may result in Site flooding.
- **Erosion:** The majority of the Site is covered with buildings, concrete or asphalt paving, and millings. Some vegetated and/or open soil areas exist which may be susceptible to erosion.
- **High Wind:** Windows in the on-Site buildings may be susceptible during high wind events.
- **Electricity:** There are no active remedial systems at the Site which require power, as such, power surges or power loss will not affect the remedy.
- **Spill/Contaminant Release:** There is no active remedial system which may malfunction resulting in a release. Tenants within the BNYDC often store chemicals for use in their daily operations. Tenants are independently responsible for maintaining these chemicals and are required to report any spills to BNYDC for report to NYSDEC if applicable.

Because there are no active remedial components, there is a low likelihood of severe weather events negatively impacting the remedy. As a result, a full-scale vulnerability assessment was not performed.

7.2 GREEN REMEDIATION EVALUATION

NYSDEC's *DER-31/Green Remediation* (DER-31) requires that green remediation concepts and techniques be considered during all stages of the remedial program including Site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. This section of the SMP provides a summary of any green remediation evaluations to be completed for the Site during Site management, and as reported in the Periodic Review Report (PRR). These evaluations may include, but not be limited to:

- **Waste Generation:** The remedy includes the Site-wide protective cover that currently exists at the Site. Any future repairs to that cover may result in generation of waste environmental media, such as excavated soils. Environmental media are to be characterized and transported for off-Site disposal as discussed in the Excavation Work Plan in Appendix E.
- **Energy usage:** There are no active remedial components; therefore, no energy usage is required.
- **Emissions:** There are no active remedial components; therefore, no emissions are generated.
- **Water usage:** No water is utilized during maintenance of the Site-wide cover, outside of potential water application to vegetated areas.
- **Land and/or ecosystems:** No ecosystems are anticipated to be disturbed during maintenance of the Site-wide cover. Land may be disturbed during Site redevelopment activities.

7.2.1 Timing of Green Remediation Evaluations

For major remedial components, green remediation evaluations and corresponding modifications will be undertaken at any time the NYSDEC Project Manager feels appropriate, e.g. during significant maintenance events or in conjunction with storm recovery activities.

Modifications resulting from green remediation evaluations will be routinely implemented and scheduled to occur during planned/routine operation and maintenance (O&M) activities. Reporting of these modifications will be presented in the PRR.

7.2.2 Frequency of System Checks, Sampling, and Other Periodic Activities

Transportation to and from the Site and use of consumables in relation to visiting the Site in order to conduct EC checks and/or collect samples and shipping samples to a laboratory for analyses have direct and/or inherent energy costs. The schedule and/or means of these periodic activities have been prepared so that these tasks can be accomplished in a manner that does not impact remedy protectiveness but reduces expenditure of energy or resources. The implementation of a passive

remedy such as the Site-wide cover eliminates frequent O&M visits to the Site, minimizing the number of trips required. At this time, no regular sampling is required under the Decision Document, further reducing the number of trips required to maintain the remedy.

7.2.3 Metrics and Reporting

As discussed in Section 8.0 and as shown in Appendix H – Site Management Forms, information on energy usage, solid waste generation, transportation and shipping, water usage and land use and ecosystems will be recorded to facilitate and document consistent implementation of green remediation during Site management and to identify corresponding benefits; a set of metrics has been developed.

8.0 REPORTING REQUIREMENTS

8.1 SITE MANAGEMENT REPORTS

All Site management inspection, maintenance and monitoring events will be recorded on the appropriate Site management forms provided in Appendix G. These forms are subject to NYSDEC revision.

All applicable inspection forms and other records, including media sampling data (when appropriate) generated for the Site during the reporting period will be provided in electronic format to NYSDEC in accordance with the requirements of Table 8-1 and summarized in the PRR.

Table 8-1
Schedule of Interim Monitoring/Inspection Reports

Task/Report	Reporting Frequency*
Site-wide Inspection	Annually
Periodic Review Report	Annually
Site Media (soil, groundwater, soil vapor, etc.)	To be determined if required in the future.

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC.

All monitoring/inspections reports will include, at a minimum:

- Date of event or reporting period;
- Name, company, and position of person(s) conducting monitoring/inspection activities;
- Description of the activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet);
- Type of samples collected (e.g., sub-slab vapor, indoor air, outdoor air, etc.);
- Copies of all field forms completed (e.g., well sampling logs, chain-of-custody documentation, etc.);
- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- Copies of all laboratory data sheets and the required laboratory data deliverables required for all points sampled (to be submitted electronically in the NYSDEC-identified format);
- Any observations, conclusions, or recommendations; and

- A determination as to whether contaminant conditions have changed since the last reporting event.

Routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting maintenance activities;
- Description of maintenance activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet); and,
- Other documentation such as copies of invoices for maintenance work, etc., (attached to the checklist/form).

Non-routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting non-routine maintenance/repair activities;
- Description of non-routine activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and
- Other documentation such as copies of invoices for repair work, etc. (attached to the checklist/form).

When analytical data is generated during the reporting period, it will be reported in digital format as determined by NYSDEC. Currently, data is to be supplied electronically and submitted to NYSDEC's EQuIS™ database in accordance with the requirements found at this link http://www.dec.ny.gov/chemical/62440.html.

8.2 PERIODIC REVIEW REPORT

A PRR will be submitted to NYSDEC beginning 16 months after the liability release is issued. After submittal of the initial PRR, the next PRR shall be submitted annually to NYSDEC or at another frequency as may be required by NYSDEC. In the event that the Site is subdivided into separate parcels with different ownership, a single PRR will be prepared that addresses the Site described in Appendix A - Environmental Easement. The report will be prepared in accordance with NYSDEC's DER-10 and submitted within 30 days of the end of each certification period. Media sampling

results will also be incorporated into the Periodic Review Report, when analytical data is generated. The report will include:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the Site.
- Results of the required annual Site inspections and severe condition inspections, if applicable.
- All applicable Site management forms and other records generated for the Site during the reporting period in the NYSDEC-approved electronic format, if not previously submitted.
- A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.
- Data summary tables and graphical representations of contaminants of concern by media (groundwater, soil vapor, etc.), which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends.
- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted in digital format as determined by NYSDEC. Currently, data is supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link: http://www.dec.ny.gov/chemical/62440.html.
- A Site evaluation, which includes the following:
    - The compliance of the remedy with the requirements of the Site-specific RAWP or Decision Document;
    - The operation and the effectiveness of ECs, including identification of any needed repairs;
    - Any new conclusions or observations regarding Site impacts based on inspections or data generated;
    - Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan;
    - Trends in contaminant levels in the affected media will be evaluated to determine if the remedy continues to be effective in achieving remedial goals as specified by the Decision Document; and
    - The overall performance and effectiveness of the remedy.

Certification of Institutional and Engineering Controls

Following the last inspection of the reporting period, a Professional Engineer licensed to practice in New York State will prepare, and include in the PRR, the following certification as per the requirements of NYSDEC DER-10:

"*For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:*

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, [name], of [business address], am certifying as Owner's/Remedial Party's Designated Site Representative for the site."

The signed certification will be included in the PRR.

The PRR will be submitted, in electronic format, to the NYSDEC Central Office, Regional Office in which the Site is located and the NYSDOH Bureau of Environmental Exposure Investigation. The

PRR may need to be submitted in hard-copy format, as requested by the NYSDEC project manager.

8.3 CORRECTIVE MEASURES WORK PLAN

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of IC or EC, a Corrective Measures Work Plan will be submitted to NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Work Plan until it has been approved by NYSDEC.

9.0 REFERENCES

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Quay, 2011. *Vegetative Area Delineation Remediation Work Plan, Program Code V00120, Brooklyn Navy Yard, Brooklyn, NY.*

FIGURES

CORE ENVIRONMENTAL CONSULTANTS

APPENDICES

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX A

Metes and Bounds Survey

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APPENDIX B

Site Contacts

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APPENDIX C

Historical Site Data

CORE ENVIRONMENTAL CONSULTANTS

ERM, 1998
Electrical Transformer Substation C Investigation

CORE
ENVIRONMENTAL
CONSULTANTS

ERM, 2002
Phase II Investigation Report

CORE ENVIRONMENTAL CONSULTANTS

Quay, 2007
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Vegetative Area Delineation Remediation Work Plan

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CONSULTANTS

CORE, 2017
Vegetative Areas Investigation Report

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX D

Historical Remediation Reports

CORE ENVIRONMENTAL CONSULTANTS

ERM, 1999
Substation C Final Closure Report

CORE ENVIRONMENTAL CONSULTANTS

Quay, 2012
Substation 9, Building 128 Remedial Report

CORE
ENVIRONMENTAL
CONSULTANTS

Transformer Hazardous Waste Manifests

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX E

Excavation Work Plan

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX F

Health and Safety Plan

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX G

Quality Assurance Project Plan

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX H

Site Management Forms

CORE ENVIRONMENTAL CONSULTANTS

APPENDIX I

Building 297/Substation H/Drum Storage Area C Remedial Excavation CCR

CORE ENVIRONMENTAL CONSULTANTS

THIS DOCUMENT IS ATTACHED SEPARATELY

APPENDIX J

Building 77 Mezzanine Slab Remediation CCR

CORE ENVIRONMENTAL CONSULTANTS

THIS DOCUMENT IS ATTACHED SEPARATELY

APPENDIX K

Dock 72 Construction Activity Reports

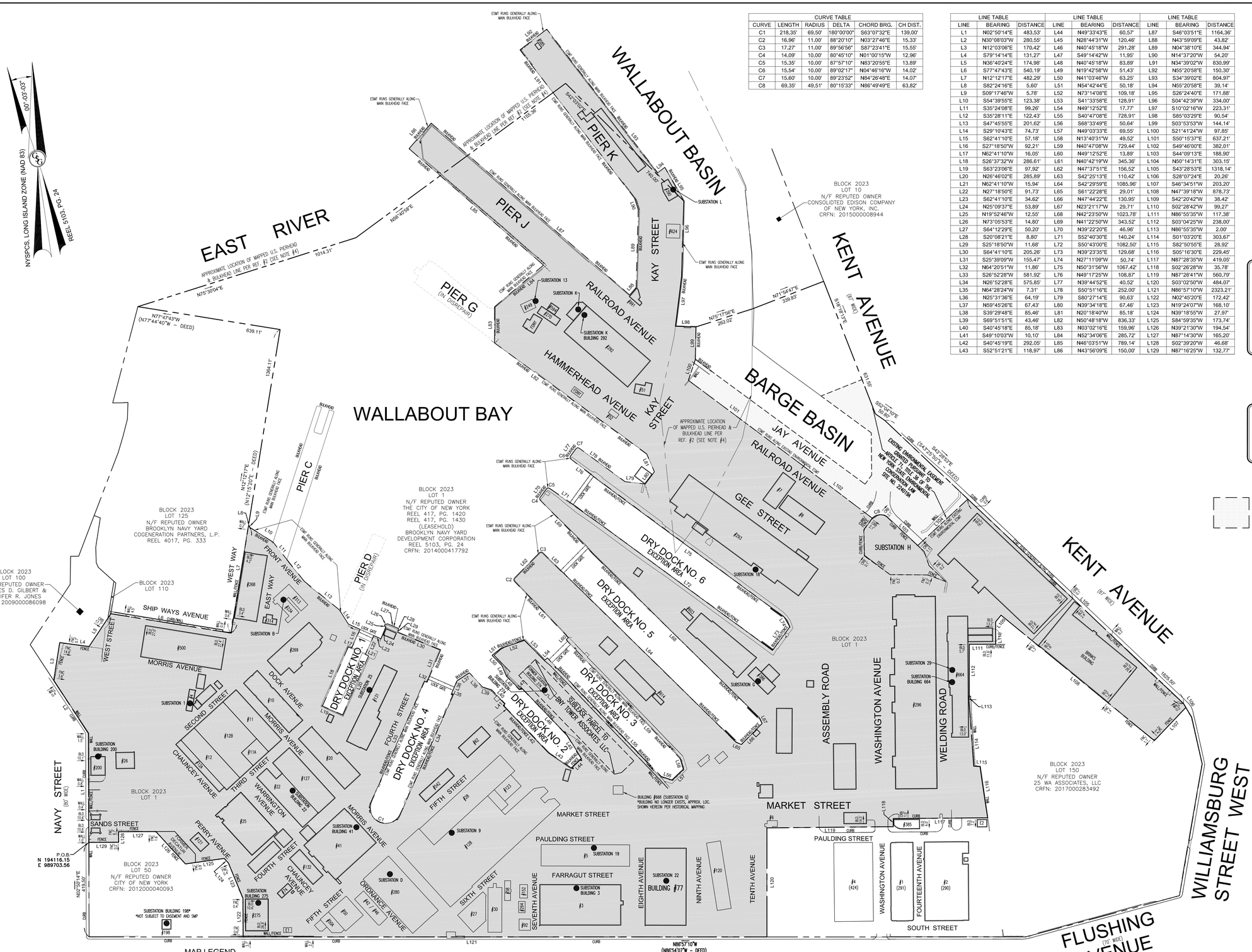
CORE ENVIRONMENTAL CONSULTANTS

THIS DOCUMENT IS ATTACHED SEPARATELY

APPENDIX H

Updated Easement Survey

CORE ENVIRONMENTAL CONSULTANTS


NYSPCS, LONG ISLAND ZONE (NAD 83)
0°00'-03"
REEL 5103, PG. 24
EAST RIVER
APPROXIMATE LOCATION OF MAPPED U.S. PIERHEAD & BULKHEAD LINE PER REF. #2 (SEE NOTE #4)
N75°30'04"E
1014.31'
N69°40'58"E
(N77°47'43"W - DEED)
639.11'
1394.11'
WALLABOUT BAY
WALLABOUT BASIN
PIER K
PIER J
PIER G
(IN DISREPAIR)
PIER C
PIER D
(IN DISREPAIR)
RAILROAD AVENUE
HAMMERHEAD AVENUE
KAY STREET
SUBSTATION K
BUILDING 292
SUBSTATION 13
SUBSTATION L
SUBSTATION K
BARGE BASIN
JAY AVENUE
RAILROAD AVENUE
GEE STREET
KENT AVENUE
(67' WIDE)
S16°18'13"E
611.55'
S82°34'10"E
50.16'
(S43°25'50"E - DEED)
EXISTING ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW SITE NO. 224019A
APPROXIMATE LOCATION OF MAPPED U.S. PIERHEAD & BULKHEAD LINE PER REF. #2 (SEE NOTE #4)
1165.36'
S42°03'00"E
740.00'
N71°54'47"E
339.83'
N75°17'56"E
262.02'
BLOCK 2023
LOT 10
N/F REPUTED OWNER
CONSOLIDATED EDISON COMPANY
OF NEW YORK, INC.
CRFN: 2015000008944
BLOCK 2023
LOT 125
N/F REPUTED OWNER
BROOKLYN NAVY YARD
COGENERATION PARTNERS, L.P.
REEL 4017, PG. 333
BLOCK 2023
LOT 1
N/F REPUTED OWNER
THE CITY OF NEW YORK
REEL 417, PG. 1420
REEL 417, PG. 1430
(LEASEHOLD)
BROOKLYN NAVY YARD
DEVELOPMENT CORPORATION
REEL 5103, PG. 24
CRFN: 2014000417792
BLOCK 2023
LOT 100
N/F REPUTED OWNER
CHARLES D. GILBERT &
JENNIFER R. JONES
CRFN: 2009000086098
BLOCK 2023
LOT 110
BLOCK 2023
LOT 1
BLOCK 2023
LOT 50
N/F REPUTED OWNER
CITY OF NEW YORK
CRFN: 2012000040093
BLOCK 2023
LOT 1
BLOCK 2023
LOT 1
BLOCK 2023
LOT 150
N/F REPUTED OWNER
25 WA ASSOCIATES, LLC
CRFN: 2017000283492
DRY DOCK NO. 1 EXCEPTION AREA
DRY DOCK NO. 2 EXCEPTION AREA
DRY DOCK NO. 3 EXCEPTION AREA
DRY DOCK NO. 4 EXCEPTION AREA
DRY DOCK NO. 5 EXCEPTION AREA
DRY DOCK NO. 6 EXCEPTION AREA
SUBLEASE PARCEL TO BNY TOWER ASSOCIATES LLC
SUBSTATION 25
SUBSTATION 1
SUBSTATION B
SUBSTATION 2
SUBSTATION 41
SUBSTATION D
SUBSTATION 9
SUBSTATION 19
SUBSTATION BUILDING 3
SUBSTATION 22
BUILDING #77
SUBSTATION 18
SUBSTATION H
SUBSTATION 29
SUBSTATION BUILDING 664
SUBSTATION BUILDING 200
SUBSTATION BUILDING 275
SUBSTATION BUILDING 198*
*NOT SUBJECT TO EASEMENT AND SMP
BUILDING #68 (SUBSTATION Q)
*BUILDING NO LONGER EXISTS, APPROX. LOC. SHOWN HEREON PER HISTORICAL MAPPING
WEST STREET
NAVY STREET
(80' WIDE)
SHIP WAYS AVENUE
MORRIS AVENUE
SECOND STREET
THIRD STREET
FOURTH STREET
FIFTH STREET
SIXTH STREET
SEVENTH AVENUE
EIGHTH AVENUE
NINTH AVENUE
TENTH AVENUE
FRONT AVENUE
WEST WAY
EAST WAY
DOCK AVENUE
CHAUNCEY AVENUE
WARRINGTON AVENUE
PERRY AVENUE
ORDNANCE AVENUE
SANDS STREET
MARKET STREET
PAULDING STREET
FARRAGUT STREET
ASSEMBLY ROAD
WASHINGTON AVENUE
WELDING ROAD
FOURTEENTH AVENUE
SOUTH STREET
FLUSHING AVENUE
(70' WIDE)
WILLIAMSBURG STREET WEST
FLUSHING AVENUE
(70' WIDE)
P.O.B.
N 194116.15
E 989703.56
N02°50'14"E
419.58'
N86°57'10"W
(N86°54'07"W - DEED)
BULKHEAD
CURB
FENCE
WALL/FENCE
BUILDING
BLDG
#500
#269
#10
#11
#12B
#11A
#12
#26
#200
#20
#127
#22
#25
#41
#132
#131
#280
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#23
#42
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#5
#3
#120
#424
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#664
#296
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#53

GALLAS SURVEYING GROUP

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North Brunswick, NJ 08902
Tele: 732-422-6700
Fax: 732-940-8786
www.gallassurvey.com

MARCH 14, 2018
REVISED JUNE 12, 2018
REVISED OCTOBER 1, 2021
GSG PROJECT NO. G16214

METES & BOUNDS DESCRIPTION
ENVIRONMENTAL EASEMENT
PART OF LOT 1, BLOCK 2023
BOROUGH OF BROOKLYN
KINGS COUNTY, CITY & STATE OF NEW YORK

BEGINNING AT A POINT ON THE EASTERLY LINE OF NAVY STREET (80' WIDE) WHERE SAME IS INTERSECTED BY THE DIVIDING LINE OF LOT 1 AND LOT 50, BLOCK 2023, SAID POINT HAVING A COORDINATE VALUE OF NORTH 194,116.15, EAST 989,703.56 IN THE NEW YORK STATE PLANE COORDINATE SYSTEM (NAD 1983), SAID POINT ALSO BEING DISTANT NORTH 02 DEGREES – 50 MINUTES – 14 SECONDS EAST, A DISTANCE OF 419.50 FEET FROM A POINT FORMED BY THE INTERSECTION OF THE NORTHERLY LINE OF FLUSHING AVENUE (70' WIDE) WITH SAID EASTERLY LINE OF NAVY STREET (80' WIDE) AND FROM SAID BEGINNING POINT RUNNING, THENCE; THE FOLLOWING TWO (2) COURSES ALONG SAID EASTERLY LINE OF NAVY STREET:

1. NORTH 02 DEGREES – 50 MINUTES - 14 SECONDS EAST, A DISTANCE OF 483.53 FEET TO A POINT, THENCE;

2. NORTH 30 DEGREES – 08 MINUTES - 03 SECONDS WEST, A DISTANCE OF 280.55 FEET TO A POINT, THENCE; THE FOLLOWING THREE (3) COURSES ALONG A LINE DIVIDING LOT 1 AND LOT 100, BLOCK 2023:

3. NORTH 12 DEGREES – 03 MINUTES – 06 SECONDS EAST, A DISTANCE OF 170.42 FEET TO A POINT, THENCE;

4. SOUTH 79 DEGREES – 14 MINUTES – 14 SECONDS EAST, A DISTANCE OF 131.27 FEET TO A POINT, THENCE;

5. NORTH 36 DEGREES – 40 MINUTES – 24 SECONDS EAST, A DISTANCE OF 174.98 FEET TO A POINT, THENCE; THE FOLLOWING TWO (2) COURSES ALONG A LINE DIVIDING LOT 1 AND LOT 125, BLOCK 2023:

6. SOUTH 77 DEGREES – 47 MINUTES - 43 SECONDS EAST, A DISTANCE OF 540.19 FEET TO A POINT, THENCE;

7. NORTH 12 DEGREES – 12 MINUTES – 17 SECONDS EAST, A DISTANCE OF 482.29 FEET TO A POINT, THENCE; THE FOLLOWING ONE-HUNDRED (100) COURSES ALONG VARIOUS BULKHEADS ALONG THE DRY DOCKS AND WALLABOUT BAY:

8. SOUTH 82 DEGREES – 24 MINUTES – 16 SECONDS EAST, A DISTANCE OF 5.60 FEET TO A POINT, THENCE;

9. SOUTH 09 DEGREES – 17 MINUTES – 46 SECONDS WEST, A DISTANCE OF 5.78 FEET TO A POINT, THENCE;

10. SOUTH 54 DEGREES – 39 MINUTES – 55 SECONDS EAST, A DISTANCE OF 123.38 FEET TO A POINT, THENCE;

11. SOUTH 35 DEGREES – 24 MINUTES – 08 SECONDS EAST, A DISTANCE OF 99.26 FEET TO A POINT, THENCE;

12. SOUTH 35 DEGREES – 28 MINUTES – 11 SECONDS EAST, A DISTANCE OF 122.43 FEET TO A POINT THENCE;

13. SOUTH 47 DEGREES – 45 MINUTES – 55 SECONDS EAST, A DISTANCE OF 201.62 FEET TO A POINT, THENCE;

14. SOUTH 29 DEGREES – 10 MINUTES – 43 SECONDS EAST, A DISTANCE OF 74.73 FEET TO A POINT, THENCE;

15. SOUTH 62 DEGREES – 41 MINUTES – 10 SECONDS EAST, A DISTANCE OF 57.18 FEET TO A POINT, THENCE;

16. SOUTH 27 DEGREES – 18 MINUTES – 50 SECONDS WEST, A DISTANCE OF 92.21 FEET TO A POINT, THENCE;

17. NORTH 62 DEGREES – 41 MINUTES – 10 SECONDS WEST, A DISTANCE OF 16.05 FEET TO A POINT, THENCE;

18. SOUTH 26 DEGREES – 37 MINUTES – 32 SECONDS WEST, A DISTANCE OF 286.61 FEET TO A POINT, THENCE;

19. SOUTH 63 DEGREES – 23 MINUTES – 06 SECONDS EAST, A DISTANCE OF 97.92 FEET TO A POINT, THENCE;

20. NORTH 26 DEGREES – 46 MINUTES – 02 SECONDS EAST, A DISTANCE OF 285.89 FEET TO A POINT, THENCE;

21. NORTH 62 DEGREES – 41 MINUTES – 10 SECONDS WEST, A DISTANCE OF 15.94 FEET TO A POINT, THENCE;

22. NORTH 27 DEGREES – 18 MINUTES – 50 SECONDS EAST, A DISTANCE OF 91.73 FEET TO A POINT, THENCE;

23. SOUTH 62 DEGREES – 41 MINUTES – 10 SECONDS EAST, A DISTANCE OF 34.62 FEET TO A POINT, THENCE;

24. NORTH 25 DEGREES – 09 MINUTES – 37 SECONDS EAST, A DISTANCE OF 53.89 FEET TO A POINT, THENCE;

25. NORTH 19 DEGREES – 52 MINUTES – 46 SECONDS WEST, A DISTANCE OF 12.55 FEET TO A POINT, THENCE;

26. NORTH 73 DEGREES – 05 MINUTES – 53 SECONDS EAST, A DISTANCE OF 14.80 FEET TO A POINT, THENCE;

27. SOUTH 64 DEGREES – 12 MINUTES – 29 SECONDS EAST, A DISTANCE OF 50.20 FEET TO A POINT, THENCE;

28. SOUTH 20 DEGREES – 08 MINUTES – 21 SECONDS EAST, A DISTANCE OF 8.80 FEET TO A POINT, THENCE;

29. SOUTH 25 DEGREES – 18 MINUTES – 50 SECONDS WEST, A DISTANCE OF 11.68 FEET TO A POINT, THENCE;

30. SOUTH 64 DEGREES – 41 MINUTES – 10 SECONDS EAST, A DISTANCE OF 205.26 FEET TO A POINT, THENCE;

31. SOUTH 25 DEGREES – 39 MINUTES – 09 SECONDS WEST, A DISTANCE OF 155.47 FEET TO A POINT, THENCE;

32. NORTH 64 DEGREES – 20 MINUTES – 51 SECONDS WEST, A DISTANCE OF 11.86 FEET TO A POINT, THENCE;

33. SOUTH 26 DEGREES – 52 MINUTES – 28 SECONDS WEST, A DISTANCE OF 581.92 FEET TO A POINT OF CURVATURE, THENCE;

34. ALONG A CURVE TO THE LEFT, HAVING AN ARC LENGTH OF 218.35 FEET, A RADIUS OF 69.50 FEET, A CENTRAL ANGLE OF 180 DEGREES – 00 MINUTES – 00 SECONDS, BEARING A CHORD OF SOUTH 63 DEGREES – 07 MINUTES – 32 SECONDS EAST, A CHORD DISTANCE OF 139.00 FEET TO A POINT OF TANGENCY, THENCE;

35. NORTH 26 DEGREES – 52 MINUTES – 28 SECONDS EAST, A DISTANCE OF 575.85 FEET TO A POINT, THENCE;

36. NORTH 64 DEGREES – 28 MINUTES – 24 SECONDS WEST, A DISTANCE OF 7.31 FEET TO A POINT, THENCE;

37. NORTH 25 DEGREES – 31 MINUTES – 36 SECONDS EAST, A DISTANCE OF 64.19 FEET TO A POINT, THENCE;

38. NORTH 59 DEGREES – 45 MINUTES – 26 SECONDS EAST, A DISTANCE OF 67.43 FEET TO A POINT, THENCE;

39. SOUTH 39 DEGREES – 29 MINUTES – 48 SECONDS EAST, A DISTANCE OF 85.46 FEET TO A POINT, THENCE;

40. SOUTH 69 DEGREES – 51 MINUTES – 51 SECONDS EAST, A DISTANCE OF 43.46 FEET TO A POINT, THENCE;

41. SOUTH 40 DEGREES – 45 MINUTES -18 SECONDS EAST, A DISTANCE OF 85.18 FEET TO A POINT, THENCE;

42. SOUTH 49 DEGREES – 10 MINUTES – 03 SECONDS WEST, A DISTANCE OF 10.10 FEET TO A POINT, THENCE;

43. SOUTH 40 DEGREES – 45 MINUTES – 19 SECONDS EAST, A DISTANCE OF 292.05 FEET TO A POINT, THENCE;

44. SOUTH 52 DEGREES – 51 MINUTES – 21 SECONDS EAST, A DISTANCE OF 118.97 FEET TO A POINT, THENCE;

45. NORTH 49 DEGREES – 33 MINUTES – 43 SECONDS EAST, A DISTANCE OF 60.57 FEET TO A POINT, THENCE;

46. NORTH 28 DEGREES – 44 MINUTES – 31 SECONDS WEST, A DISTANCE OF 120.46 FEET TO A POINT, THENCE;

47. NORTH 40 DEGREES – 45 MINUTES – 18 SECONDS WEST, A DISTANCE OF 291.28 FEET TO A POINT, THENCE;

48. SOUTH 49 DEGREES – 14 MINUTES – 42 SECONDS WEST, A DISTANCE OF 11.95 FEET TO A POINT, THENCE;

49. NORTH 40 DEGREES – 45 MINUTES – 18 SECONDS WEST, A DISTANCE OF 83.89 FEET TO A POINT, THENCE;

50. NORTH 19 DEGREES – 42 MINUTES – 58 SECONDS WEST, A DISTANCE OF 51.43 FEET TO A POINT, THENCE;

51. NORTH 41 DEGREES – 03 MINUTES – 46 SECONDS WEST, A DISTANCE OF 63.25 FEET TO A POINT, THENCE;

52. NORTH 54 DEGREES – 42 MINUTES – 44 SECONDS EAST, A DISTANCE OF 50.18 FEET TO A POINT, THENCE;

53. NORTH 73 DEGREES -14 MINUTES – 08 SECONDS EAST, A DISTANCE OF 109.18 FEET TO A POINT, THENCE;

54. SOUTH 41 DEGREES – 33 MINUTES – 58 SECONDS EAST, A DISTANCE OF 128.91 FEET TO A POINT, THENCE;

55. NORTH 49 DEGREES – 12 MINUTES – 52 SECONDS EAST, A DISTANCE OF 17.77 FEET TO A POINT, THENCE;

56. SOUTH 40 DEGREES – 47 MINUTES – 08 SECONDS EAST, A DISTANCE OF 728.91 FEET TO A POINT, THENCE;

57. SOUTH 68 DEGREES – 33 MINUTES – 49 SECONDS EAST, A DISTANCE OF 50.64 FEET TO A POINT, THENCE;

58. NORTH 49 DEGREES – 03 MINUTES – 33 SECONDS EAST, A DISTANCE OF 69.55 FEET TO A POINT, THENCE;

59. NORTH 13 DEGREES – 40 MINUTES – 31 SECONDS WEST, A DISTANCE OF 49.52 FEET TO A POINT, THENCE;

60. NORTH 40 DEGREES – 47 MINUTES – 08 SECONDS WEST, A DISTANCE OF 729.44 FEET TO POINT, THENCE;

61. NORTH 49 DEGREES – 12 MINUTES – 52 SECONDS EAST, A DISTANCE OF 13.89 FEET TO A POINT, THENCE;

62. NORTH 40 DEGREES – 42 MINUTES – 19 SECONDS WEST, A DISTANCE OF 345.36 FEET TO A POINT OF CURVATURE, THENCE;

63. ALONG A CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 16.96 FEET, A RADIUS OF 11.00 FEET, A CENTRAL ANGLE OF 88 DEGREES – 20 MINUTES – 10 SECONDS, BEARING A CHORD OF NORTH 03 DEGREES – 27 MINUTES – 46 SECONDS EAST, A CHORD DISTANCE OF 15.33 FEET TO A POINT OF TANGENCY, THENCE;

64. NORTH 47 DEGREES – 37 MINUTES – 51 SECONDS EAST, A DISTANCE OF 156.52 FEET TO A POINT OF CURVATURE, THENCE;

65. ALONG A CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 17.27 FEET, A RADIUS OF 11.00 FEET, A CENTRAL ANGLE OF 89 DEGREES – 56 MINUTES – 56 SECONDS, BEARING A CHORD OF SOUTH 87 DEGREES – 23 MINUTES – 41 SECONDS EAST A CHORD DISTANCE OF 15.55 FEET TO A POINT OF TANGENCY, THENCE;

66. SOUTH 42 DEGREES – 25 MINUTES – 13 SECONDS EAST, A DISTANCE OF 110.42 FEET TO A POINT, THENCE;

67. SOUTH 42 DEGREES – 29 MINUTES- 59 SECONDS EAST, A DISTANCE OF 1,085.96 FEET TO A POINT, THENCE;

68. SOUTH 61 DEGREES – 22 MINUTES – 28 SECONDS EAST, A DISTANCE OF 29.01 FEET TO A POINT, THENCE;

69. NORTH 47 DEGREES – 44 MINUTES – 22 SECONDS EAST, A DISTANCE OF 130.95 FEET TO A POINT, THENCE;

70. NORTH 23 DEGREES – 21 MINUTES – 17 SECONDS WEST, A DISTANCE OF 29.71 FEET TO A POINT, THENCE;

71. NORTH 42 DEGREES – 23 MINUTES – 50 SECONDS WEST, A DISTANCE OF 1,023.78 FEET TO A POINT, THENCE;

72. NORTH 41 DEGREES – 22 MINUTES – 50 SECONDS WEST, A DISTANCE OF 343.52 FEET TO A POINT OF CURVATURE, THENCE;

73. ALONG A CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 14.09 FEET, A RADIUS OF 10.00 FEET, A CENTRAL ANGLE OF 80 DEGREES – 45 MINUTES – 10 SECONDS, BEARING A CHORD OF NORTH 01 DEGREE – 00 MINUTES – 15 SECONDS WEST, A CHORD DISTANCE OF 12.96 FEET TO A POINT OF TANGENCY, THENCE;

74. NORTH 39 DEGREES – 22 MINUTES – 20 SECONDS EAST, A DISTANCE OF 46.96 FEET TO A POINT OF CURVATURE, THENCE;

75. ALONG A CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 15.35 FEET, A RADIUS OF 10.00 FEET, A CENTRAL ANGLE OF 87 DEGREES – 57 MINUTES – 10 SECONDS, BEARING A CHORD OF NORTH 83 DEGREES – 20 MINUTES – 55 SECONDS EAST, A CHORD DISTANCE OF 13.89 FEET TO A POINT OF TANGENCY, THENCE;

76. SOUTH 52 DEGREES – 40 MINUTES – 30 SECONDS EAST, A DISTANCE OF 140.24 FEET TO A POINT, THENCE;

77. SOUTH 50 DEGREES – 43 MINUTES – 00 SECONDS EAST, A DISTANCE OF 1,082.50 FEET TO A POINT, THENCE;

78. NORTH 39 DEGREES – 23 MINUTES – 35 SECONDS EAST, A DISTANCE OF 129.68 FEET TO A POINT, THENCE;

79. NORTH 27 DEGREES – 11 MINUTES – 09 SECONDS WEST, A DISTANCE OF 50.74 FEET TO A POINT, THENCE;

80. NORTH 50 DEGREES – 31 MINUTES – 56 SECONDS WEST, A DISTANCE OF 1,067.42 FEET TO A POINT, THENCE;

81. NORTH 49 DEGREES – 17 MINUTES – 25 SECONDS WEST, A DISTANCE OF 108.87 FEET TO A POINT OF CURVATURE, THENCE;

82. ALONG A CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 15.54 FEET, A RADIUS OF 10.00 FEET, A CENTRAL ANGLE OF 89 DEGREES – 02 MINUTES – 17 SECONDS, BEARING A CHORD OF NORTH 04 DEGREES – 46 MINUTES – 16 SECONDS WEST, A CHORD DISTANCE OF 14.02 FEET TO A POINT OF TANGENCY, THENCE;

83. NORTH 39 DEGREES – 44 MINUTES – 52 SECONDS EAST, A DISTANCE OF 40.52 FEET TO A POINT OF CURVATURE, THENCE;

84. ALONG A CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 15.60 FEET, A RADIUS OF 10.00 FEET, A CENTRAL ANGLE OF 89 DEGREES – 23 MINUTES – 52 SECONDS, BEARING A CHORD OF NORTH 84 DEGREES – 26 MINUTES – 48 SECONDS EAST, A CHORD DISTANCE OF 14.07 FEET TO A POINT OF TANGENCY, THENCE;

85. SOUTH 50 DEGREES – 51 MINUTES – 16 SECONDS EAST, A DISTANCE OF 252.00 FEET TO A POINT, THENCE;

86. SOUTH 80 DEGREES – 27 MINUTES – 14 SECONDS EAST, A DISTANCE OF 90.63 FEET TO A POINT, THENCE;

87. NORTH 39 DEGREES – 34 MINUTES – 18 SECONDS EAST, A DISTANCE OF 67.46 FEET TO A POINT, THENCE;

88. NORTH 20 DEGREES – 18 MINUTES – 40 SECONDS WEST, A DISTANCE OF 85.18 FEET TO A POINT, THENCE;

89. NORTH 50 DEGREES – 48 MINUTES – 18 SECONDS WEST, A DISTANCE OF 836.33 FEET TO A POINT, THENCE;

90. NORTH 03 DEGREES – 02 MINUTES – 16 SECONDS EAST, A DISTANCE OF 159.96 FEET TO A POINT, THENCE;

91. NORTH 52 DEGREES – 34 MINUTES – 06 SECONDS EAST, A DISTANCE OF 285.72 FEET TO A POINT, THENCE;

92. NORTH 46 DEGREES – 03 MINUTES – 51 SECONDS WEST, A DISTANCE OF 789.14 FEET TO A POINT, THENCE;

93. NORTH 43 DEGREES – 56 MINUTES -09 SECONDS EAST, A DISTANCE OF 150.00 FEET TO A POINT, THENCE;

94. SOUTH 46 DEGREES – 03 MINUTES – 51 SECONDS EAST, A DISTANCE OF 1,164.36 FEET TO A POINT, THENCE;

95. NORTH 43 DEGREES – 59 MINUTES – 09 SECONDS EAST, A DISTANCE OF 43.82 FEET TO A POINT, THENCE;

96. NORTH 04 DEGREES – 38 MINUTES – 10 SECONDS EAST, A DISTANCE OF 344.94 FEET TO A POINT, THENCE;

97. NORTH 14 DEGREES – 37 MINUTES – 20 SECONDS WEST, A DISTANCE OF 54.20 FEET TO A POINT, THENCE;

98. NORTH 34 DEGREES – 39 MINUTES – 02 SECONDS WEST, A DISTANCE OF 830.99 FEET TO A POINT, THENCE;

99. NORTH 55 DEGREES – 20 MINUTES – 58 SECONDS EAST, A DISTANCE OF 150.30 FEET TO A POINT, THENCE;

100. SOUTH 34 DEGREES – 39 MINUTES – 02 SECONDS EAST, A DISTANCE OF 804.97 FEET TO A POINT, THENCE;

101. NORTH 55 DEGREES – 20 MINUTES – 58 SECONDS EAST, A DISTANCE OF 39.14 FEET TO A POINT, THENCE;

102. SOUTH 26 DEGREES – 24 MINUTES – 40 SECONDS EAST, A DISTANCE OF 171.88 FEET TO A POINT, THENCE;

103. SOUTH 04 DEGREES – 42 MINUTES – 39 SECONDS WEST, A DISTANCE OF 334.00 FEET TO A POINT, THENCE;

104. SOUTH 10 DEGREES – 02 MINUTES – 16 SECONDS WEST, A DISTANCE OF 223.31 FEET TO A POINT, THENCE;

105. SOUTH 85 DEGREES – 03 MINUTES – 29 SECONDS EAST, A DISTANCE OF 90.54 FEET TO A POINT, THENCE;

106. ALONG A LINE RUNNING THROUGH LOT 1, BLOCK 2023, SOUTH 03 DEGREES – 53 MINUTES – 53 SECONDS WEST, A DISTANCE OF 144.14 FEET TO A POINT, THENCE; THE FOLLOWING SIX (6) COURSES ALONG A LINE COMMON TO AN EXISTING ENVIRONMENTAL EASEMENT KNOWN AS SITE NO. 224019A:

107. SOUTH 21 DEGREES – 41 MINUTES – 24 SECONDS WEST, A DISTANCE OF DISTANCE OF 97.85 FEET TO A POINT, THENCE;

108. SOUTH 50 DEGREES – 15 MINUTES – 37 SECONDS EAST, A DISTANCE OF 637.21 FEET TO A POINT, THENCE;

109. SOUTH 49 DEGREES – 46 MINUTES – 00 SECONDS EAST, A DISTANCE OF 382.01 FEET TO A POINT, THENCE;

110. ALONG A CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 69.35 FEET, A RADIUS OF 49.51 FEET, A CENTRAL ANGLE OF 80 DEGREES – 15 MINUTES – 33 SECONDS, BEARING A CHORD OF NORTH 86 DEGREES – 49 MINUTES – 49 SECONDS EAST, A CHORD DISTANCE OF 63.82 FEET TO A POINT OF TANGENCY, THENCE;

111. SOUTH 44 DEGREES – 09 MINUTES – 13 SECONDS EAST, A DISTANCE OF 188.90 FEET TO A POINT, THENCE;

112. NORTH 50 DEGREES – 14 MINUTES – 31 SECONDS EAST, A DISTANCE OF 303.15 FEET TO A POINT ON THE SOUTHERLY LINE OF KENT AVENUE (87' WIDE), THENCE; CONTINUING ALONG SAID SOUTHERLY LINE OF KENT AVENUE, THE FOLLOWING TWO (2) COURSES:

113. SOUTH 43 DEGREES – 28 MINUTES – 53 SECONDS EAST, A DISTANCE OF 1,318.14 FEET TO A POINT, THENCE;

114. SOUTH 28 DEGREES – 07 MINUTES – 24 SECONDS EAST, A DISTANCE OF 20.26 FEET TO A POINT, THENCE; THE FOLLOWING FOURTEEN (14) COURSES ALONG A LINE DIVIDING LOT 1 AND LOT 150, BLOCK 2023:

115. SOUTH 46 DEGREES – 34 MINUTES – 51 SECONDS WEST, A DISTANCE OF 203.20 FEET TO A POINT, THENCE;

116. NORTH 47 DEGREES – 39 MINUTES – 18 SECONDS WEST, A DISTANCE OF 878.73 FEET TO A POINT, THENCE;

117. SOUTH 42 DEGREES – 20 MINUTES – 42 SECONDS WEST, A DISTANCE OF 38.42 FEET TO A POINT, THENCE;

118. SOUTH 02 DEGREES – 28 MINUTES – 42 SECONDS WEST, A DISTANCE OF 99.27 FEET TO A POINT, THENCE;

119. NORTH 86 DEGREES – 55 MINUTES – 35 SECONDS WEST, A DISTANCE OF 117.38 FEET TO A POINT, THENCE;

120. SOUTH 03 DEGREES – 04 MINUTES – 25 SECONDS WEST, A DISTANCE OF 238.00 FEET TO A POINT, THENCE;

121. NORTH 86 DEGREES – 55 MINUTES – 35 SECONDS WEST, A DISTANCE OF 2.00 FEET TO A POINT, THENCE;

122. SOUTH 01 DEGREE – 03 MINUTES – 20 SECONDS EAST, A DISTANCE OF 303.67 FEET TO A POINT, THENCE;

123. SOUTH 82 DEGREES – 50 MINUTES – 55 SECONDS EAST, A DISTANCE OF 28.92 FEET TO A POINT, THENCE;

124. SOUTH 05 DEGREES – 16 MINUTES – 30 SECONDS EAST, A DISTANCE OF 229.45 FEET TO A POINT, THENCE;

125. NORTH 87 DEGREES – 28 MINUTES – 35 SECONDS WEST, A DISTANCE OF 419.05 FEET TO A POINT, THENCE;

126. SOUTH 02 DEGREES – 26 MINUTES – 28 SECONDS WEST, A DISTANCE OF 35.78 FEET TO A POINT, THENCE;

127. NORTH 87 DEGREES – 28 MINUTES – 41 SECONDS WEST, A DISTANCE OF 560.79 FEET TO A POINT, THENCE;

128. SOUTH 03 DEGREES – 02 MINUTES – 50 SECONDS WEST, A DISTANCE OF 484.07 FEET TO A POINT IN THE AFOREMENTIONED NORTHERLY LINE OF FLUSHING AVENUE (70' WIDE), THENCE;

129. ALONG SAID NORTHERLY LINE OF FLUSHING AVENUE, NORTH 86 DEGREES – 57 MINUTES – 10 SECONDS WEST, A DISTANCE OF 2,323.21 FEET TO A POINT, THENCE; THE FOLLOWING EIGHT (8) COURSES ALONG A LINE DIVIDING LOT 1 AND LOT 50, BLOCK 2023:

130. NORTH 02 DEGREES – 45 MINUTES – 20 SECONDS EAST, A DISTANCE OF 172.42 FEET TO A POINT, THENCE;

131. NORTH 19 DEGREES – 24 MINUTES – 07 SECONDS WEST, A DISTANCE OF 168.10 FEET TO A POINT, THENCE;

132. NORTH 39 DEGREES – 18 MINUTES – 55 SECONDS WEST, A DISTANCE OF 27.97 FEET TO A POINT, THENCE;

133. SOUTH 84 DEGREES – 59 MINUTES – 35 SECONDS WEST, A DISTANCE OF 173.74 FEET TO A POINT, THENCE;

134. NORTH 39 DEGREES – 21 MINUTES – 30 SECONDS WEST, A DISTANCE OF 194.54 FEET TO A POINT, THENCE;

135. NORTH 87 DEGREES – 14 MINUTES – 30 SECONDS WEST, A DISTANCE OF 165.20 FEET TO A POINT, THENCE;

136. SOUTH 02 DEGREES – 39 MINUTES – 20 SECONDS WEST, A DISTANCE OF 46.68 FEET TO A POINT, THENCE;

137. NORTH 87 DEGREES – 16 MINUTES – 25 SECONDS WEST, A DISTANCE OF 132.77 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING 6,520,927 SQUARE FEET OR 149.6999 ACRES

GALLAS SURVEYING GROUP

10/01/2021
GREGORY S. GALLAS — DATE
STATE OF NEW YORK
PROFESSIONAL LAND SURVEYOR NO. 50124

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