LANGAN

DAILY FIELD REPORT – DAY 01

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Wed, August 31, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Clear, 73°F, Wind: SW 0-5 mph
LOCATION:	Brooklyn, New York			**TIME:**	7:00 – 16:30
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 7822DT
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery, Brad Koontz
AARCO Environmental Services Corp. (AARCO):
Rodolfo Rios, Joseph Catanzaro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP).

Site Activities

- AARCO used a Geoprobe 7822DT drill rig to install two groundwater monitoring wells (MW11S and MW11D) to a maximum depth of 27 feet below grade surface (bgs). Two additional monitoring wells (MW09D and MW10D) were partially installed.
    - During well installation, chemical-like odor was observed at MW11S and MW11D. A maximum PID reading of 10.5 parts per million (ppm) was recorded at about 18.5 feet bgs at MW11D.
    - Soil cuttings were containerized in a 55-gallon drum.

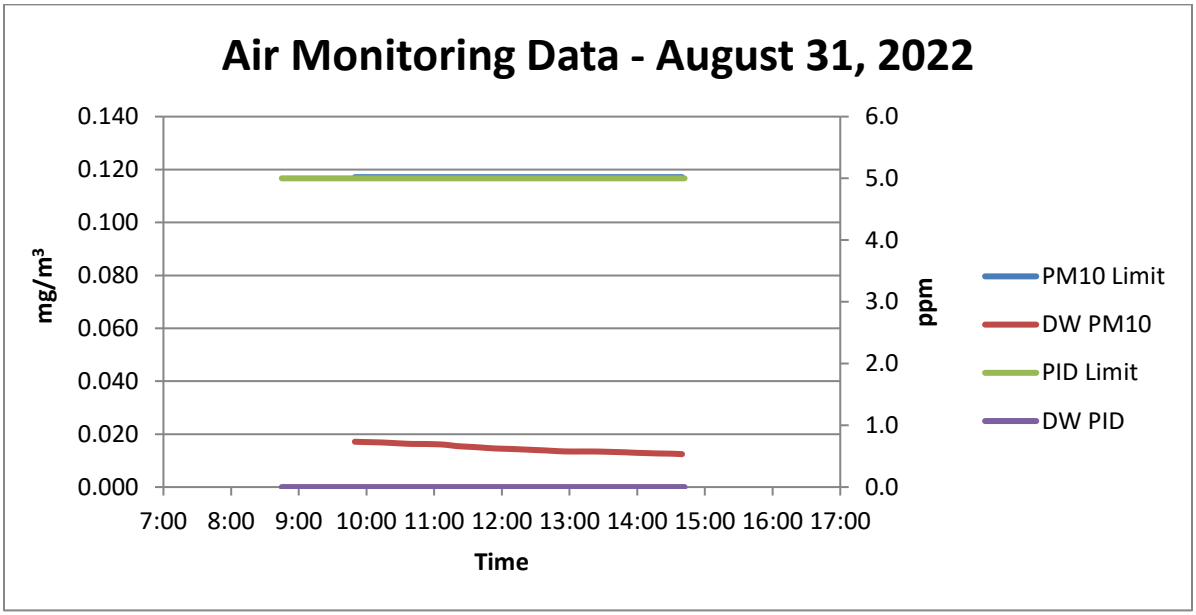
Sampling

- No samples were collected.

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. Recorded air monitoring data is summarized on the following graph:

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**



Anticipated Activities

- AARCO will continue monitoring well installation.
- Langan will begin developing installed monitoring wells.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

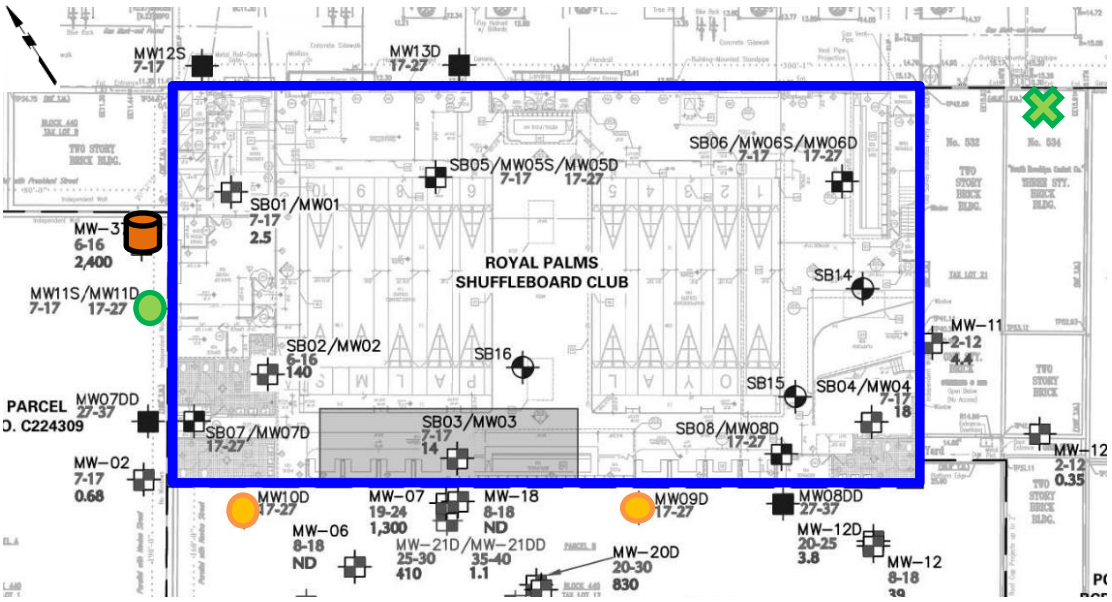
Site Photographs

Photo 1: AARCO installing monitoring well MW11D (facing north)

Photo 2: Installed monitoring wells MW11S and MW11D

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map



Legend

- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Well
- In-Progress Groundwater Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 02

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Thursday, September 1, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Clear, 72-81°F, Wind: SSW 0-9 mph
LOCATION:	Brooklyn, New York			**TIME:**	6:30 – 15:30
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 7822DT
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery, William Bohrer, Camille Quick
AARCO Environmental Services Corp. (AARCO):
Rodolfo Rios, Joseph Catanzaro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP).

Site Activities

- AARCO used a Geoprobe 7822DT drill rig to install three groundwater monitoring wells (MW07DD, MOW08DD, and MW10D) to a maximum depth of 37 feet below grade surface (bgs). One additional monitoring well (MW09D) was partially installed.
    - During well installation, chemical-like odor was observed at MW07DD and MW08DD. A maximum PID reading of 6.1 parts per million (ppm) was recorded at about 18 feet bgs at MW08DD.
    - Soil cuttings were containerized in a 55-gallon drum.
- Langan developed groundwater monitoring wells MW10D, MW11S, and MW11D.
    - Purged groundwater was containerized in a 55-gallon drum.

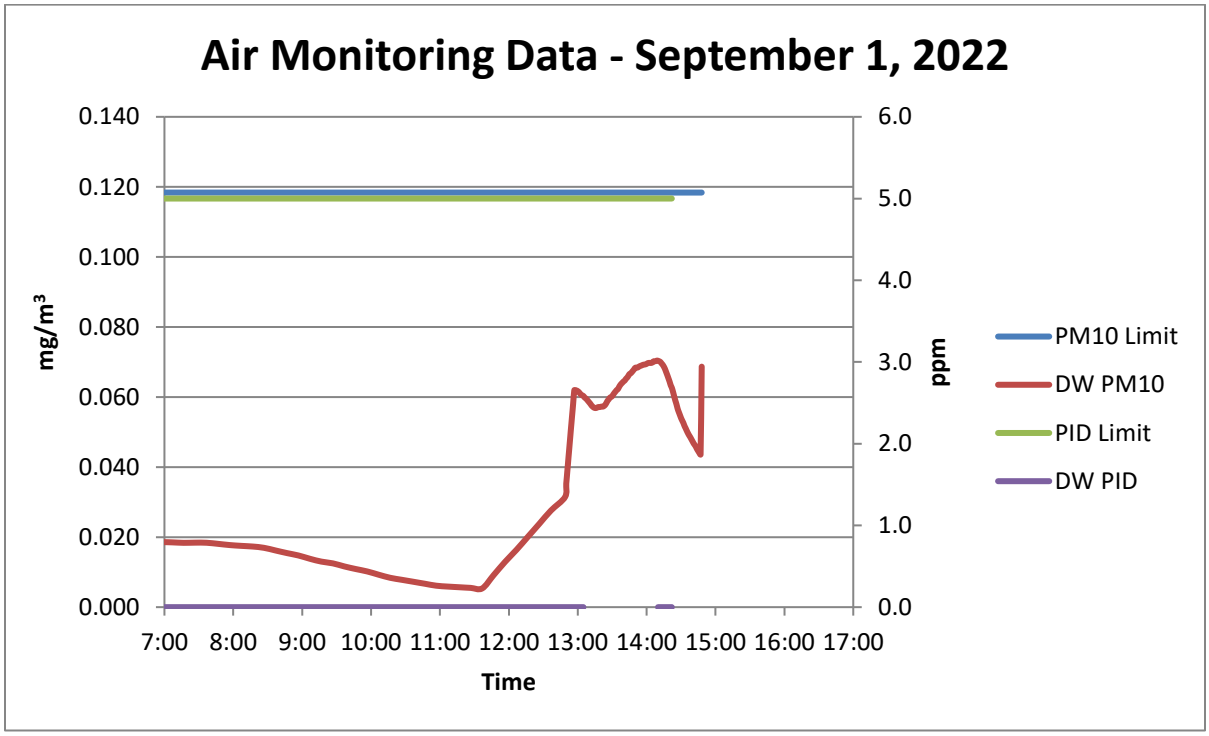
Sampling

- No samples were collected.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. VOC concentrations were not recorded from 13:01 to 14:19 due to a loose battery connection. Recorded air monitoring data is summarized on the following graph:



Anticipated Activities

- AARCO will continue monitoring well installation.
- Langan will continue developing installed monitoring wells.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

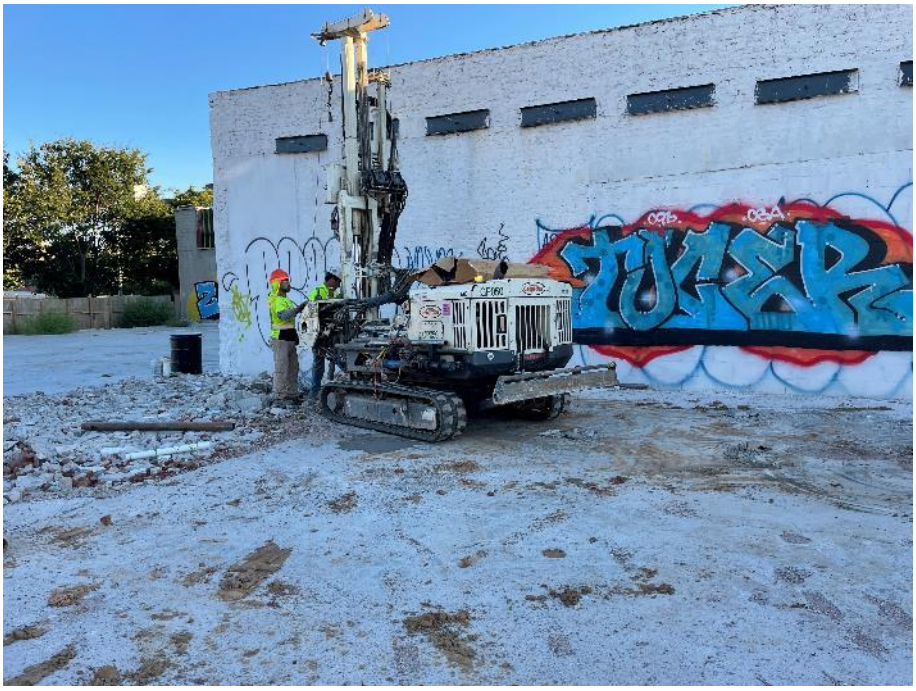
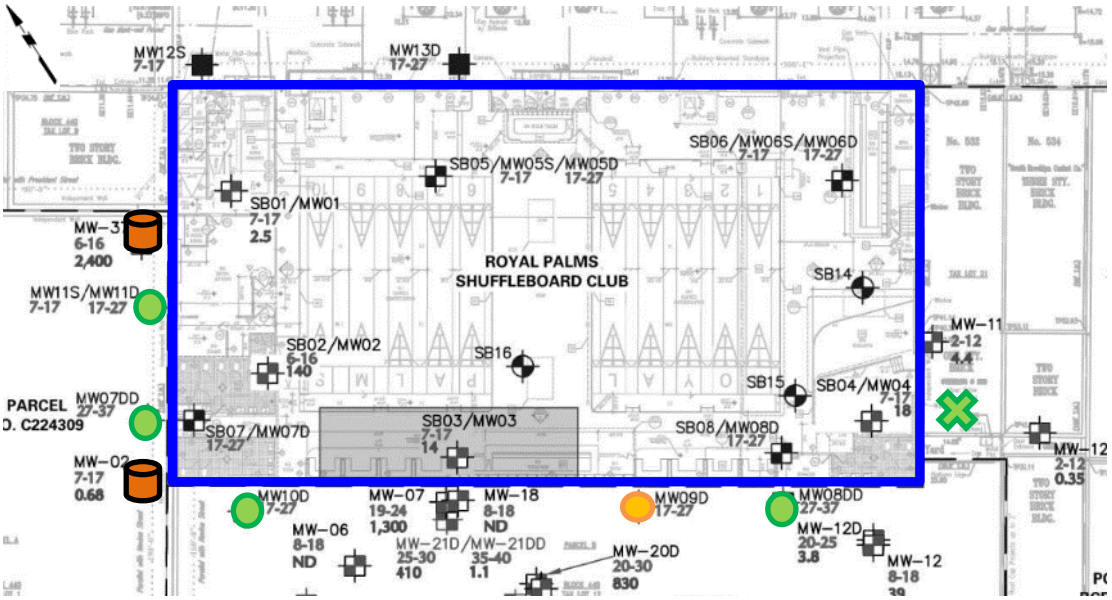


Photo 1: AARCO installing monitoring well MW10D (facing north)

Photo 2: Installed monitoring well MW08DD.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map



Legend

- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Well
- In-Progress Groundwater Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 03

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Friday, September 2, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Clear, 74-78°F, Wind: SW 0-6 mph
LOCATION:	Brooklyn, New York			**TIME:**	6:30 – 16:15
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 7822DT
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery
AARCO Environmental Services Corp. (AARCO):
Rodolfo Rios, Joseph Catanzaro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP).

Site Activities

- AARCO used a Geoprobe 7822DT drill rig to install three groundwater monitoring wells (MW09D, MW12S, and MW13D) to a maximum depth of 27 feet below grade surface (bgs).
  - During well installation, petroleum-like staining and odor, and a maximum PID reading of 552 parts per million (ppm) was recorded at about 21 feet bgs at MW09D.
  - Soil cuttings were containerized in a 55-gallon drum.
- Langan developed groundwater monitoring well MW09D.
  - Purged groundwater was containerized in a 55-gallon drum.

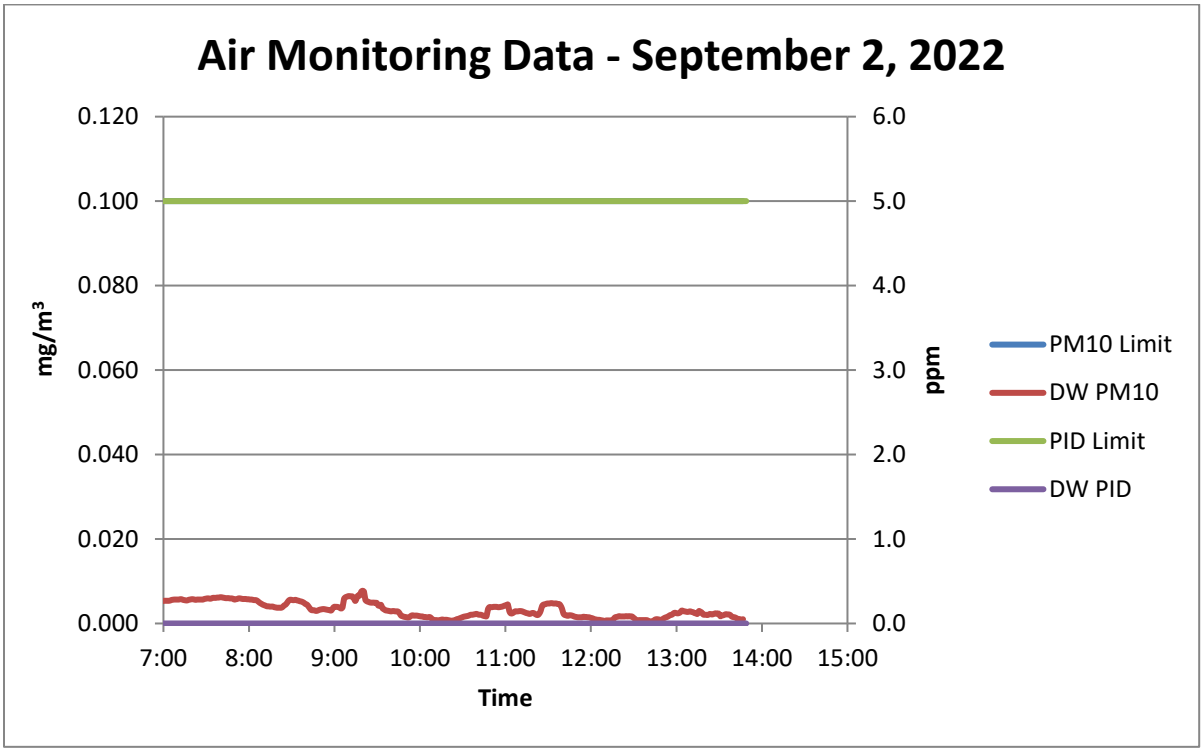
Sampling

- No samples were collected.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. Recorded air monitoring data is summarized on the following graph:



Anticipated Activities

- AARCO will continue monitoring well installation.
- Langan will continue developing installed monitoring wells.
- Implementation of the July 2022 Interim Remedial Measures Work Plan (IRMWP) will begin.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

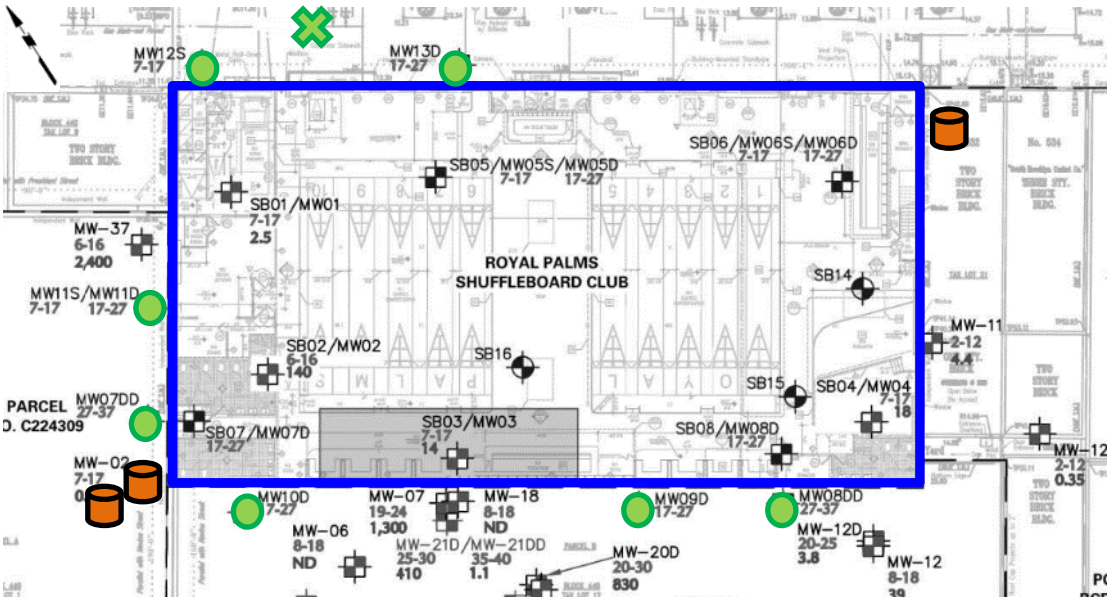
Site Photographs

Photo 1: AARCO installing monitoring well MW13D (facing south)

Photo 2: Installed monitoring well MW13D.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map



Legend

- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Well
- In-Progress Groundwater Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 04

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Tuesday, September 6, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Rain, 72 - 76°F, Wind: SW 0-6 mph
LOCATION:	Brooklyn, New York			**TIME:**	6:30 – 17:45
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 420M Limited-Access Drill Rig
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery, Seyena Simpson, Camille Quick, Brad Koontz
AARCO Environmental Services Corp. (AARCO): Sergio Mangana, Richard Caminiti, Will Scheiner, Tom Klenja, Victor Cardoza, Juan Torres

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP), and July 2022 Interim Remedial Investigation Work Plan (IRMWP).

Site Activities

- AARCO used a Geoprobe 420M limited access drill rig to advance two soil borings and install two groundwater monitoring wells (MW05S, MW05D) to a maximum depth of 22 feet below grade surface (bgs).
  - During well installation, petroleum-like staining and odor, and a maximum PID reading of 2 parts per million (ppm) was recorded at about 21 feet bgs at MW05D.
  - Installation of MW05D is in progress and will be completed tomorrow.
  - Soil cuttings were containerized in a 55-gallon drum.
- Langan developed and sampled groundwater monitoring well MW05S. Wells MW12S and MW13D were also developed.
  - Purged groundwater was containerized in a 55-gallon drum.
- Langan sampled groundwater monitoring well MW05S.
- AARCO mobilized equipment and materials to begin installation of the soil vapor intrusion (SVI) mitigation system.

Sampling

- Langan collected three soil samples (SB05_0-1, SB05_19-20, SB05_21-22) and associated quality assurance/quality control (QA/QC) samples for laboratory analysis of NYSDEC Part 375/target compound list (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, herbicides, target analyte list (TAL) metals (including hexavalent/trivalent chromium and total cyanide), per- and polyfluoroalkyl substances (PFAS), and 1,4-dioxane.
- Langan collected one groundwater sample (MW05S_090622) and associated QA/QC samples for laboratory analysis of NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, pesticides, herbicides, TAL

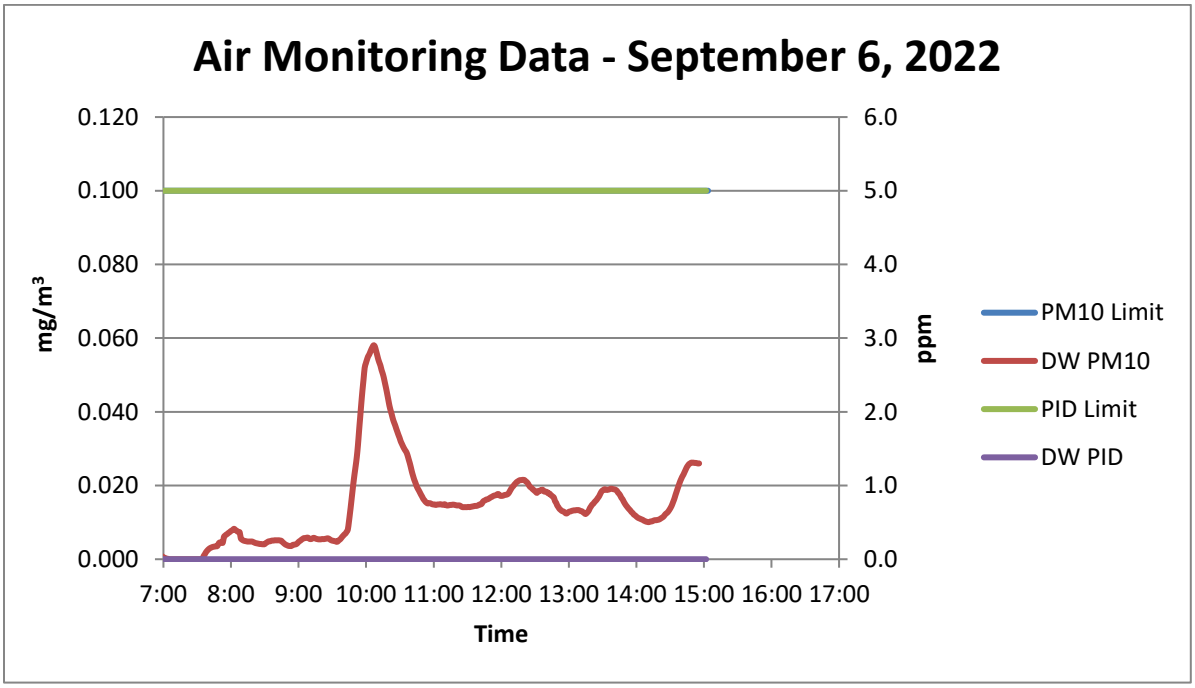
Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

total/dissolved metals (including hexavalent/trivalent chromium and total cyanide), PFAS, and 1,4-dioxane.

- Samples were relinquished to Alpha Analytical, Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. Recorded air monitoring data is summarized on the following graph:



Anticipated Activities

- AARCO will continue monitoring well installation.
- Langan will continue developing and sampling installed monitoring wells.
- AARCO will continue installation of the SVI mitigation system.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

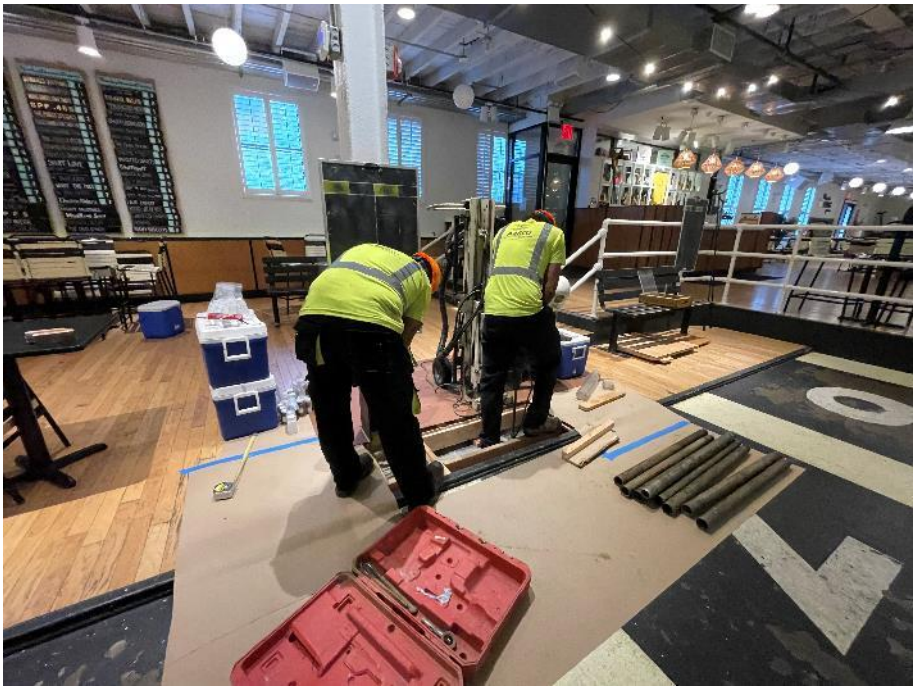
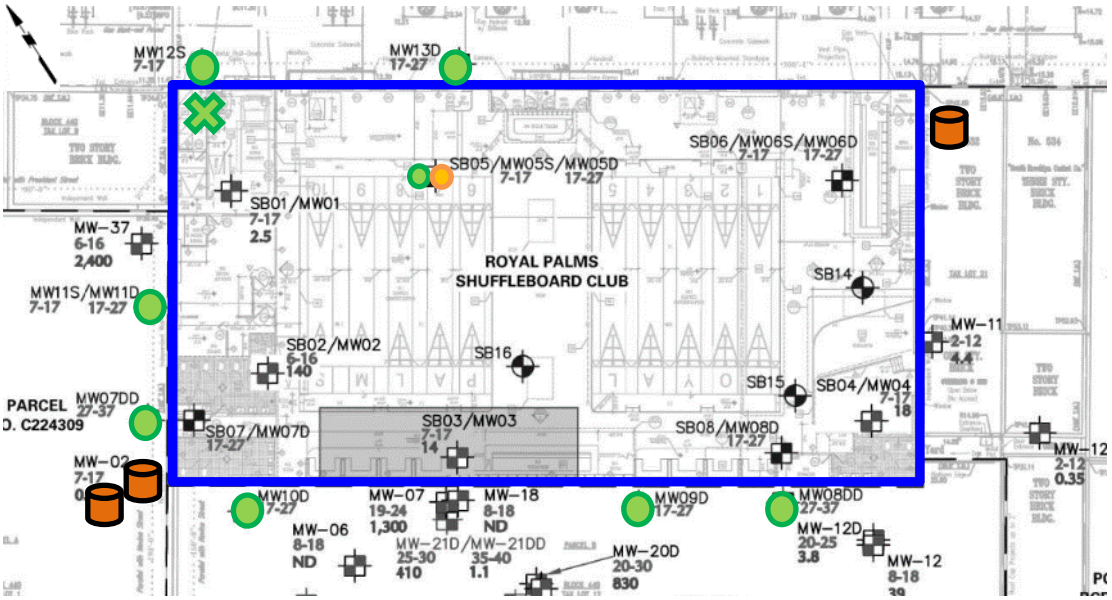


Photo 1: AARCO installing monitoring well MW05S (facing east)

Photo 2: Ventilation Point VP-01 staged for installation.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - RIWP



Legend

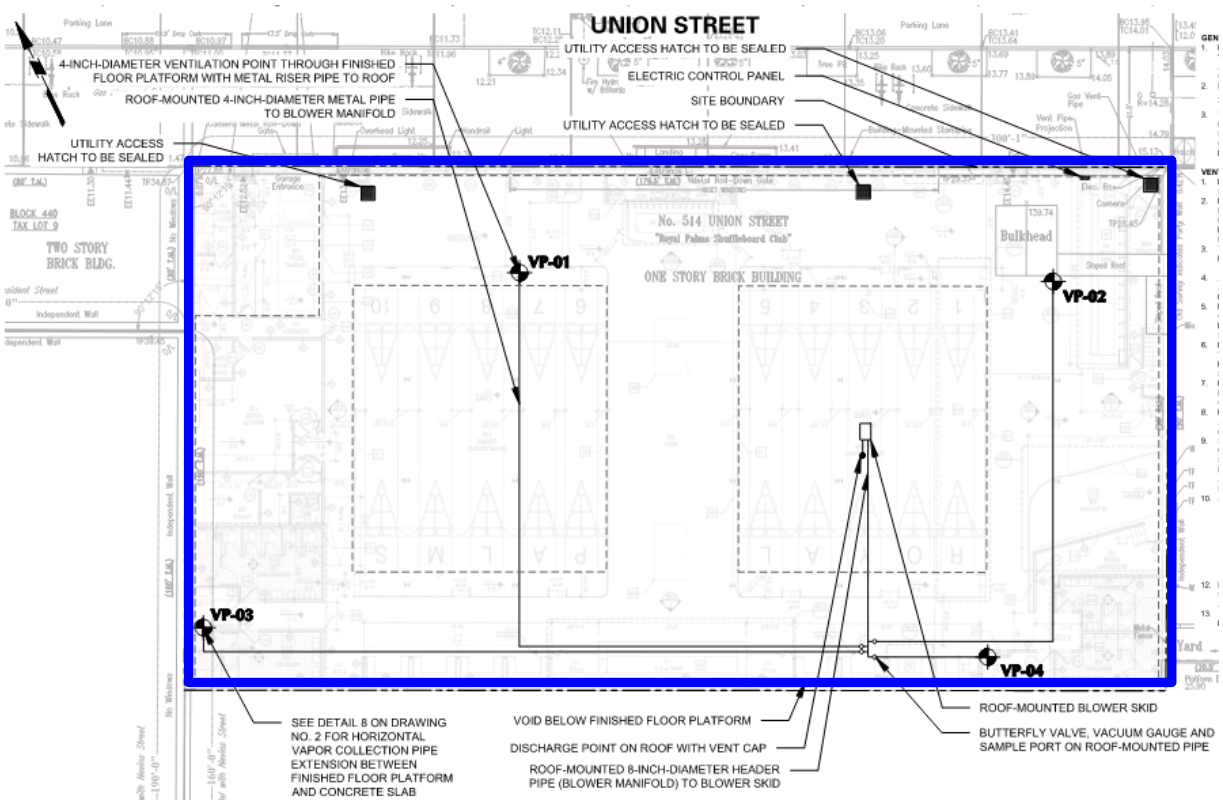
- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Well
- In-Progress Groundwater Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed IRMWP Element
- In-Progress IRMWP Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 05

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Wednesday, September 7, [illegible]
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Rain, 71 - 77°F, Wind: SSW 2-8 mph
LOCATION:	Brooklyn, New York			**TIME:**	6:45 – 17:15
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 420M Limited-Access Drill Rig
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery, Camille Quick
AARCO Environmental Services Corp. (AARCO): Sergio Mangana, Richard Caminiti, Will Scheiner, Tom Klenja, Victor Cardoza, Juan Torres

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP), and July 2022 Interim Remedial Investigation Work Plan (IRMWP).

Site Activities

- AARCO used a Geoprobe 420M limited access drill rig to advance two soil borings and install two groundwater monitoring wells (MW06S, MW06D) to a maximum depth of 27 feet below grade surface (bgs).
  - Soil cuttings were containerized in a 55-gallon drum.
- Langan developed groundwater monitoring wells MW06S and MW06D, and sampled groundwater monitoring wells MW05D and MW06S.
  - Purged groundwater was containerized in a 55-gallon drum.
- AARCO began installation of soil vapor intrusion (SVI) mitigation system elements, including ventilation points VP-01 and VP-02.

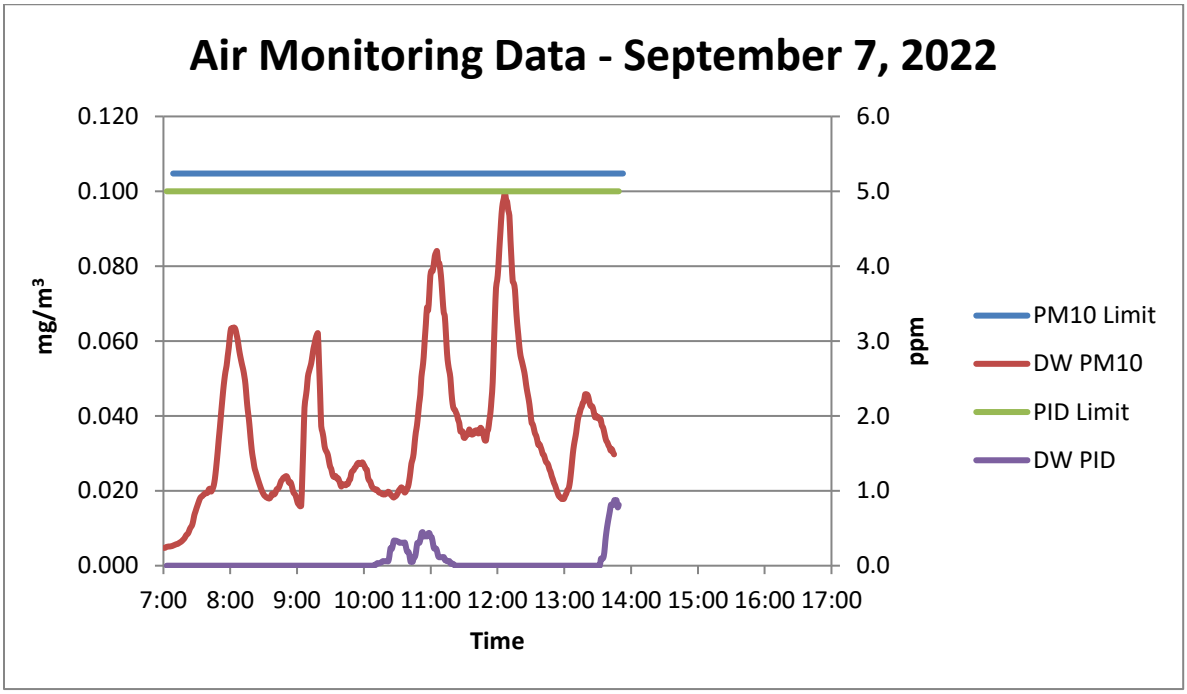
Sampling

- Langan collected three soil samples (SB06_0-1, SB06_9-10.5, SB06_10.5-12) and associated quality assurance/quality control (QA/QC) samples for laboratory analysis of NYSDEC Part 375/target compound list (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, herbicides, target analyte list (TAL) metals (including hexavalent/trivalent chromium and total cyanide), per- and polyfluoroalkyl substances (PFAS), and 1,4-dioxane.
- Langan collected two groundwater samples (MW05D_090722, MW06S_090722) and associated QA/QC samples for laboratory analysis of NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, pesticides, herbicides, TAL total/dissolved metals (including hexavalent/trivalent chromium and total cyanide), PFAS, and 1,4-dioxane.
- Samples were relinquished to Alpha Analytical, Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. Recorded air monitoring data is summarized on the following graph:



Anticipated Activities

- AARCO will continue monitoring well installation.
- Langan will continue developing and sampling installed monitoring wells.
- AARCO will continue SVI mitigation system installation.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

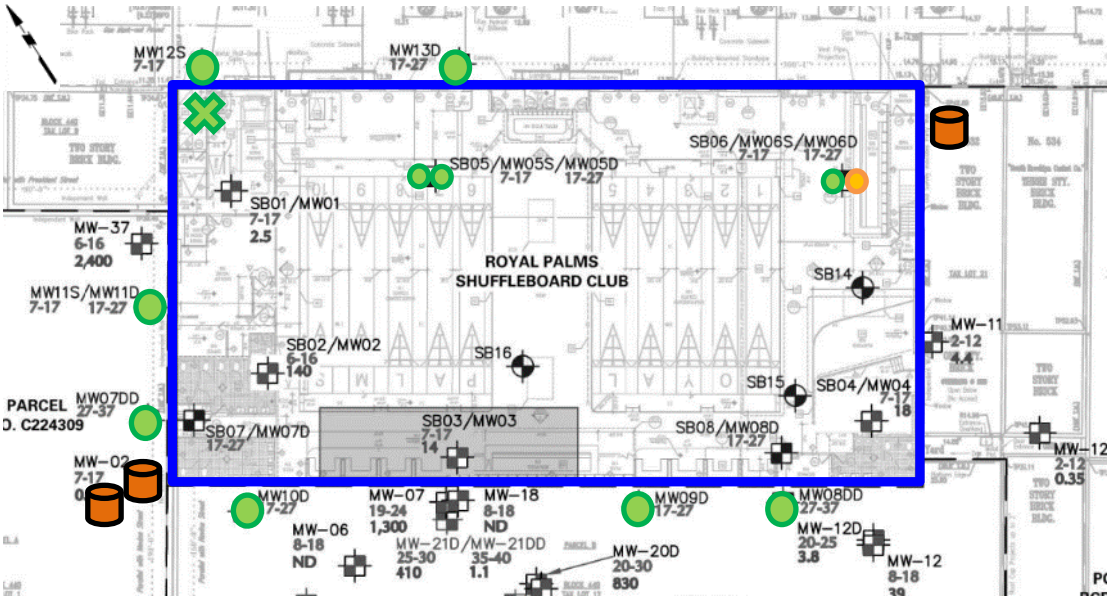
Site Photographs

Photo 1: AARCO installing monitoring well MW06D (facing east)

Photo 2: Partially installed ventilation Point VP-01 (facing north).

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - RIWP



Legend

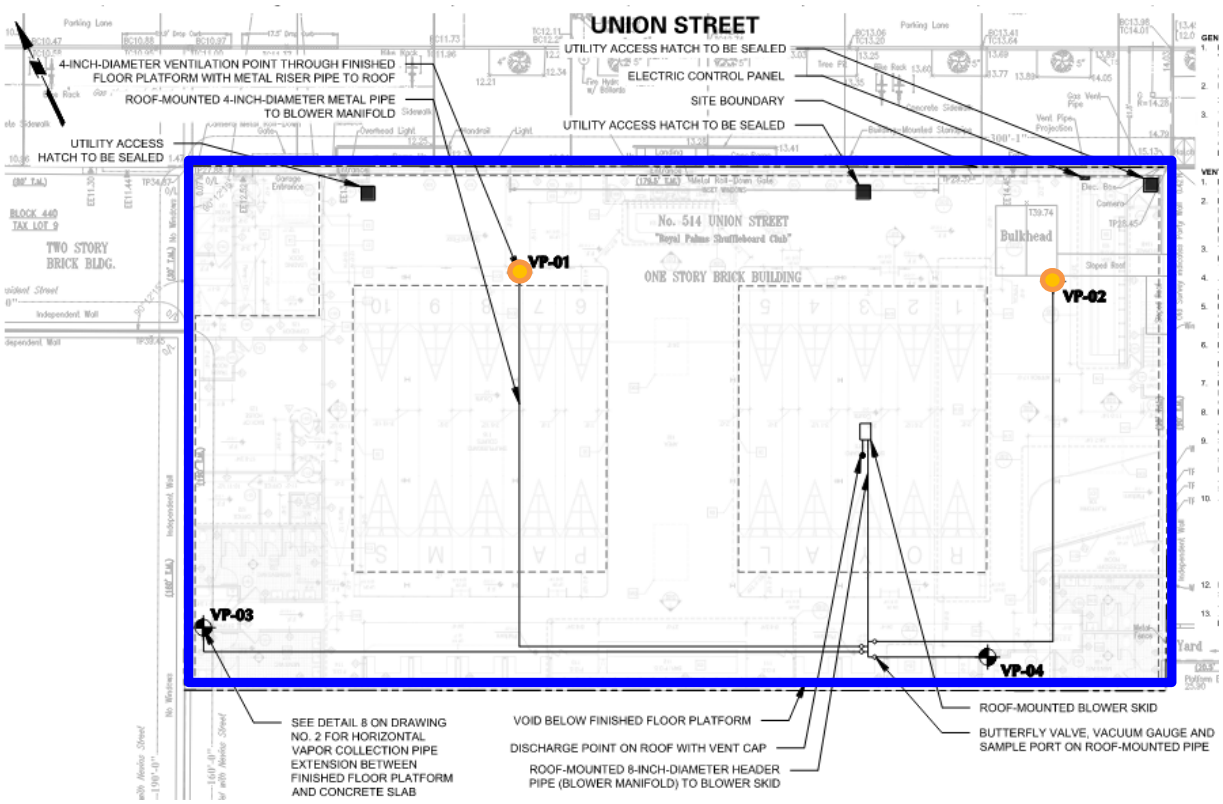
- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Monitoring Well
- In-Progress Groundwater Monitoring Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed IRMWP Element
- In-Progress IRMWP Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 06

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Thursday, September 8, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Clear, 66 - 76°F, Wind: SW 2-12 mph
LOCATION:	Brooklyn, New York			**TIME:**	05:30 – 15:30
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 420M Limited-Access Drill Rig
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery, Camille Quick
AARCO Environmental Services Corp. (AARCO): Sergio Mangana, Richard Caminiti, Will Scheiner, Tom Klenja, Victor Cardoza, Juan Torres

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP), and July 2022 Interim Remedial Investigation Work Plan (IRMWP).

Site Activities

- AARCO used a Geoprobe 420M limited access drill rig to advance one soil boring (SB08) and install one groundwater monitoring well (MW08D) to a depth of 27 feet below grade surface (bgs). Chemical-like odor and a maximum PID reading of 1.6 parts per million (ppm) were observed between 23 to 25.5 feet bgs.
    - Soil cuttings were containerized in a 55-gallon drum.
- Langan developed groundwater monitoring well MW08D, and sampled groundwater monitoring well MW06D.
    - Purged groundwater was containerized in a 55-gallon drum.
- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements, including ventilation points VP-01, VP-02, and VP-03.

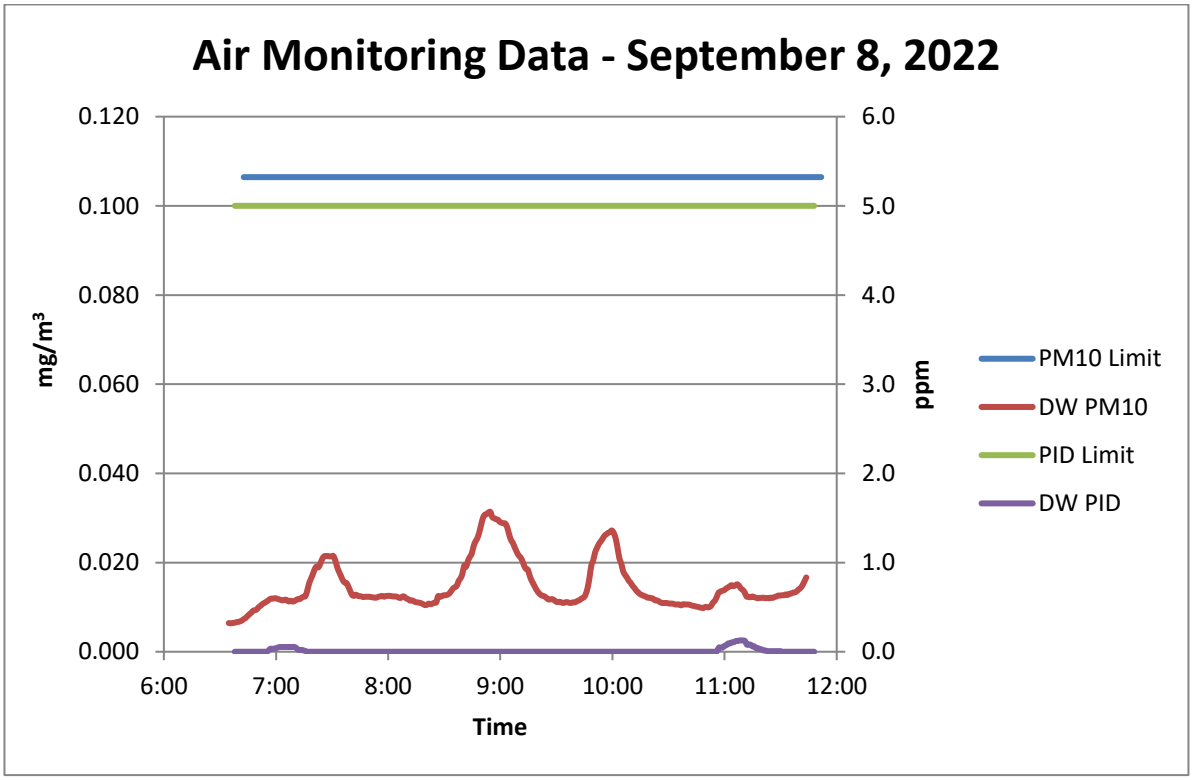
Sampling

- Langan collected three soil samples (SB08_0-2, SB08_22.5-25.5, and SB08_25.5-27) samples for laboratory analysis of NYSDEC Part 375/target compound list (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, herbicides, target analyte list (TAL) metals (including hexavalent/trivalent chromium and total cyanide), per- and polyfluoroalkyl substances (PFAS), and 1,4-dioxane. Additional analysis also include remedial design parameters.
- Langan collected one groundwater samples (MW06D_090622) for laboratory analysis of NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, pesticides, herbicides, TAL total/dissolved metals (including hexavalent/trivalent chromium and total cyanide), PFAS, and 1,4-dioxane.
- Samples were relinquished to Alpha Analytical, Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. Ground-intrusive activities concluded at about 11:45. Recorded air monitoring data is summarized on the following graph:



Anticipated Activities

- AARCO will continue monitoring well installation.
- Langan will continue developing and sampling installed monitoring wells.
- AARCO will continue SVI mitigation system installation.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

Photo 1: AARCO installing ventilation point VP-01 (facing west)

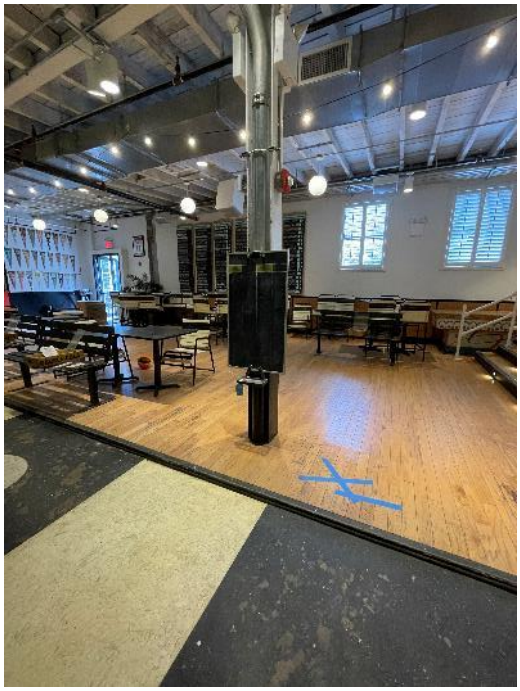
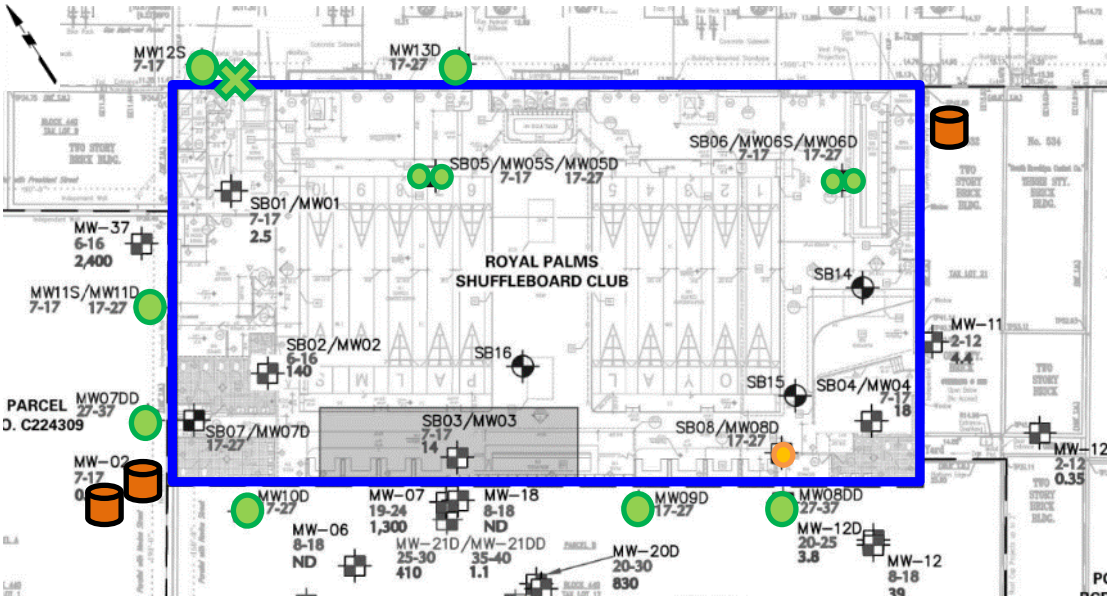


Photo 2: Installed ventilation point VP-01 (facing north)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - RIWP



Legend

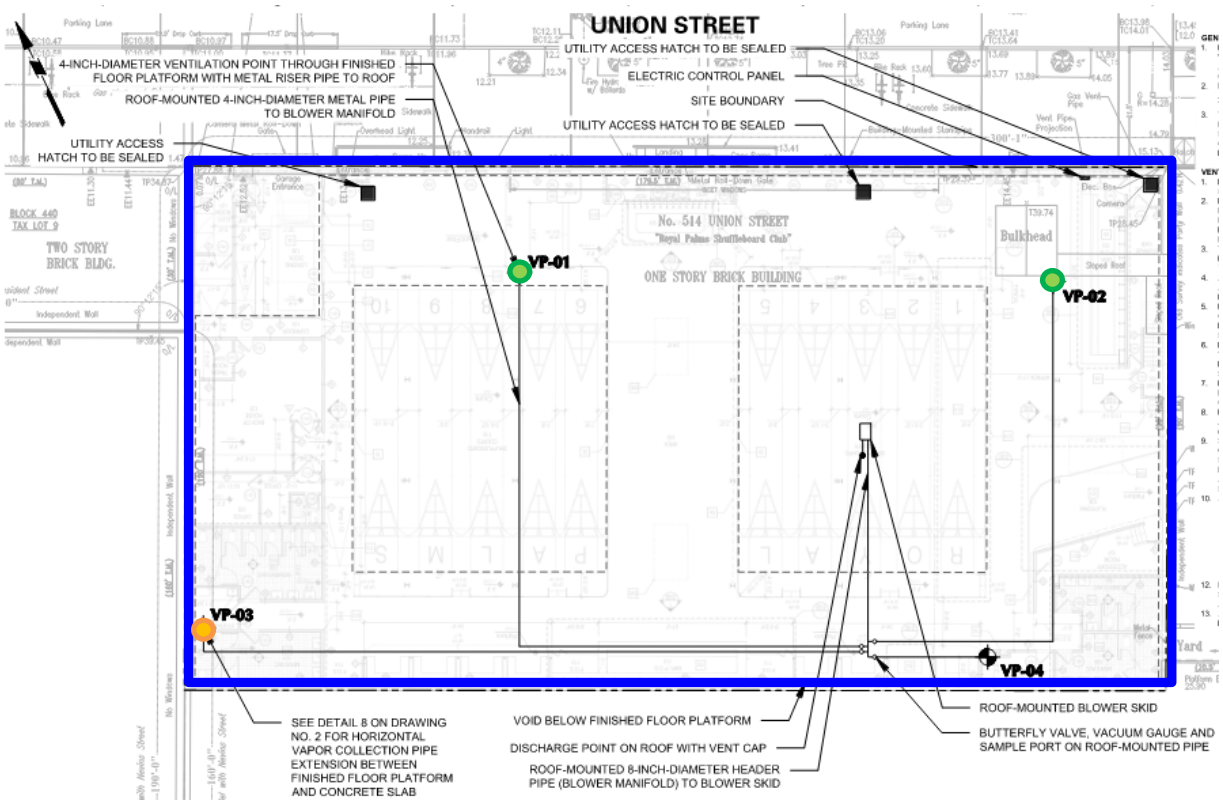
- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Monitoring Well
- In-Progress Groundwater Monitoring Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 07

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Friday, September 9, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Clear, 64 - 81°F, Wind: NE 6-13 mph
LOCATION:	Brooklyn, New York			**TIME:**	06:00 – 17:00
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 420M Limited-Access Drill Rig
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery, Camille Quick, Seyena Simpson
AARCO Environmental Services Corp. (AARCO): Sergio Mangana, Richard Caminiti, Will Scheiner, Tom Klenja, Victor Cardoza, Juan Torres

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP), and July 2022 Interim Remedial Investigation Work Plan (IRMWP).

Site Activities

- AARCO used a Geoprobe 420M limited access drill rig to advance two soil borings (SB07 and SB15) and install one groundwater monitoring well (MW07D) to a depth of 27 feet below grade surface (bgs). Chemical-like odor and a maximum PID reading of 5.8 parts per million (ppm) were observed between 16 to 21 feet bgs in SB07.
    - Soil cuttings were containerized in a 55-gallon drum.
- Langan developed groundwater monitoring well MW07D, and sampled groundwater monitoring wells MW07D, MW07DD, MW10D, MW11S, and MW11D.
    - Purged groundwater was containerized in a 55-gallon drum.
- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements including ventilation points, roof-mounted blower, and roof penetrations.

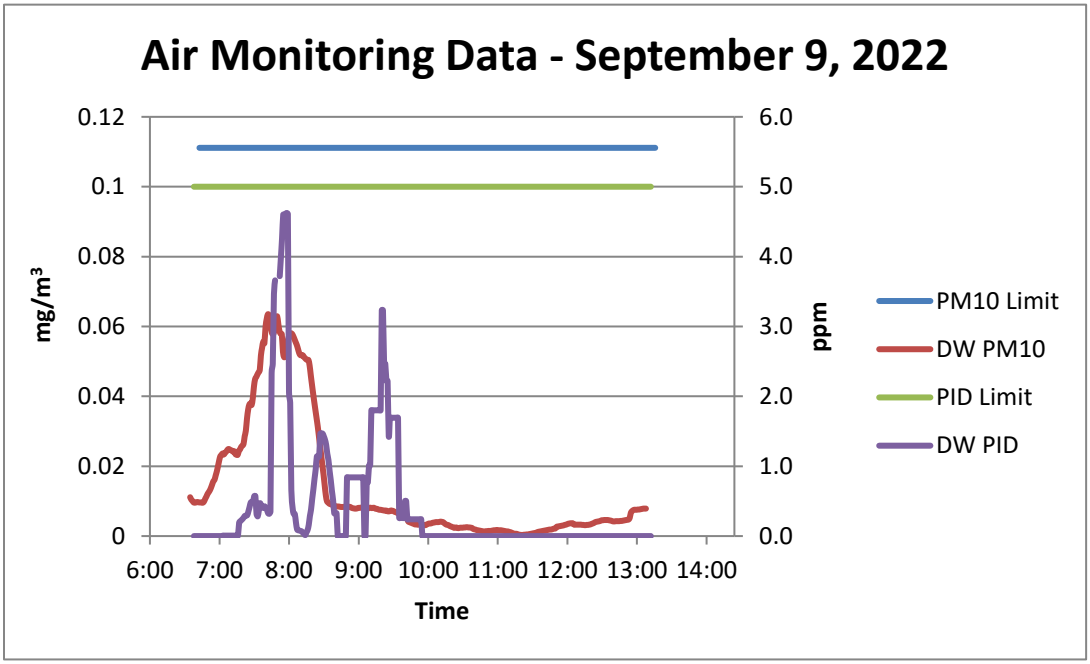
Sampling

- Langan collected six soil samples (SB08_6-8, SB08_17-20, SB08_20-21, SB15_0-2, SB15_10-12, and SB15_14-16) samples for laboratory analysis of NYSDEC Part 375/target compound list (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, herbicides, target analyte list (TAL) metals (including hexavalent/trivalent chromium and total cyanide), per- and polyfluoroalkyl substances (PFAS), and 1,4-dioxane. Additional analysis also include remedial design parameters.
- Langan collected four groundwater samples (MW10D_090922, MW11S_090922, MW11D_090922, and MW07DD_090922) for laboratory analysis of NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, pesticides, herbicides, TAL total/dissolved metals (including hexavalent/trivalent chromium and total cyanide), PFAS, and 1,4-dioxane. Additional analysis also include remedial design parameters.
- Samples were relinquished to Alpha Analytical, Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. VOC levels were not recorded from 8:02am to 8:04am during an equipment swap. Recorded air monitoring data is summarized on the following graph:



Anticipated Activities

- AARCO will continue soil boring advancement well installation.
- Langan will continue sampling installed monitoring wells.
- AARCO will continue SVI mitigation system installation.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

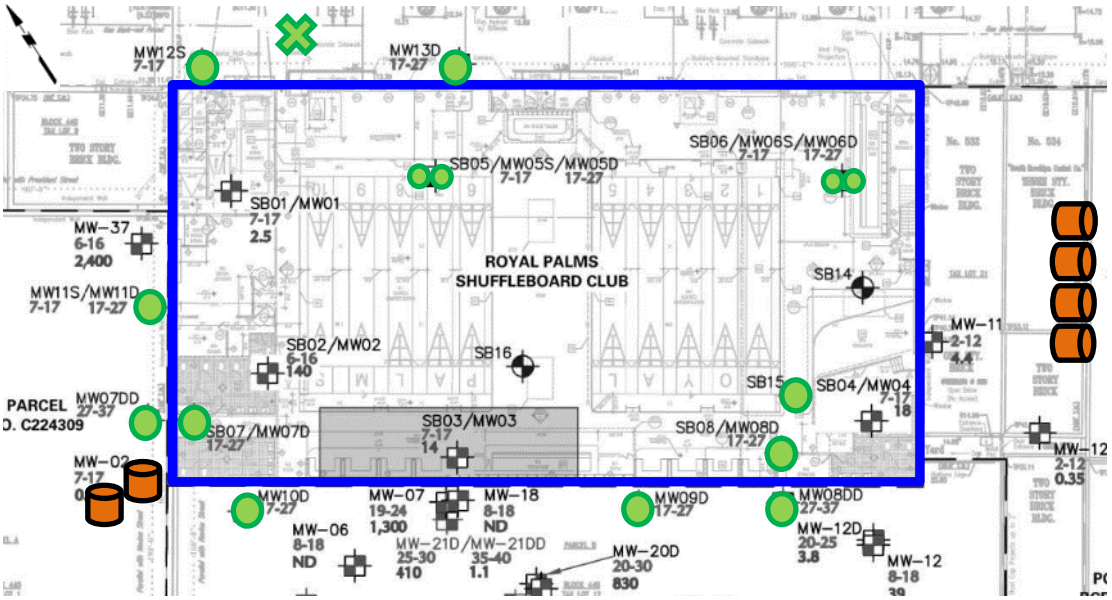
Site Photographs

Photo 1: Installed ventilation point VP-04 (facing west)

Photo 2: Partially installed roof-mounted blower (facing north)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - RIWP



Legend

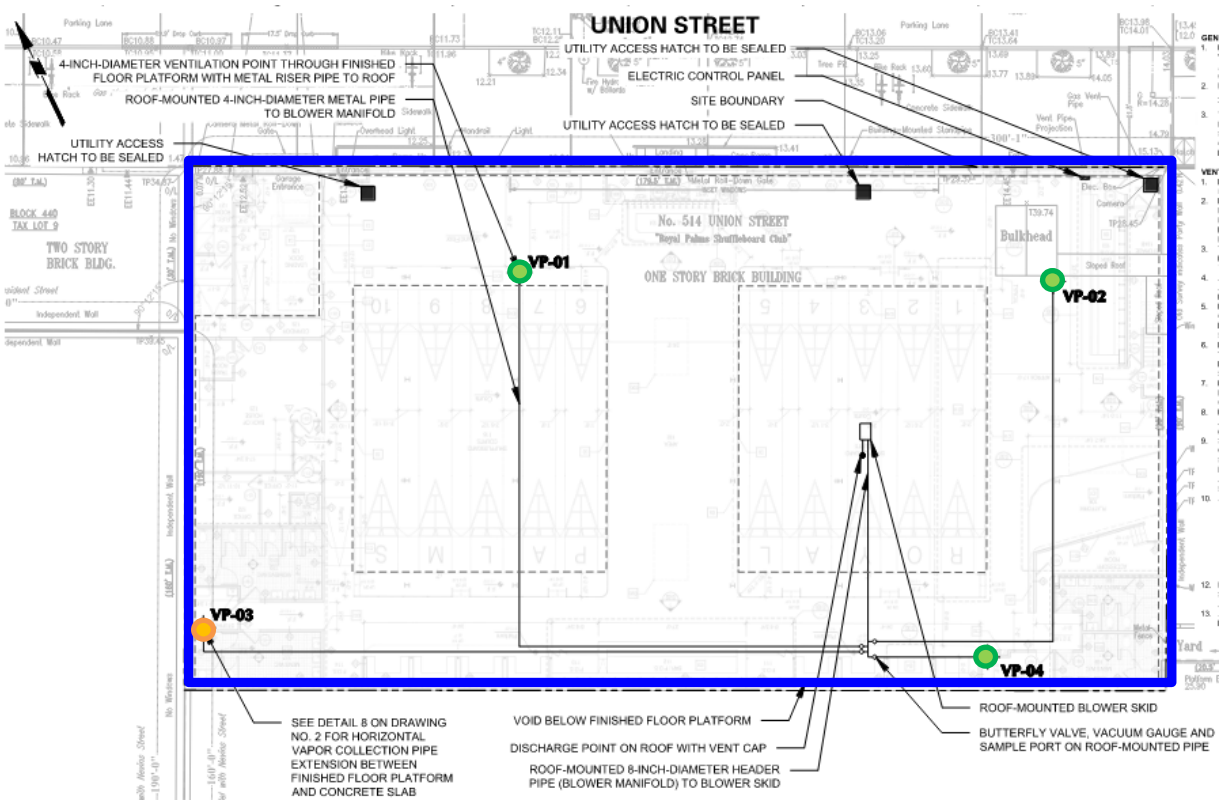
- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Monitoring Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 08

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Monday, September 12 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Clear, 70 - 80°F, Wind: N 5-9 mph
LOCATION:	Brooklyn, New York			**TIME:**	06:00 – 18:00
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Geoprobe 420M Limited-Access Drill Rig
RAE Systems MiniRAE 3000
TSI DustTrak II
RKI Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Audrey Seery, Camille Quick
AARCO Environmental Services Corp. (AARCO):
Sergio Mangana, Richard Caminiti, Will Scheiner, Tom Klenja, Victor Cardoza, Juan Torres

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved 28 July 2022 Remedial Investigation Work Plan (RIWP), and July 2022 Interim Remedial Investigation Work Plan (IRMWP).

Site Activities

- AARCO used a Geoprobe 420M limited access drill rig to advance three soil borings (SB07, SB14 and SB16) to a maximum depth of 15 feet below grade surface (bgs). Petroleum-like odor and a maximum PID reading of 50.7 parts per million (ppm) were observed between 8 to 10 feet bgs in SB16.
    - Soil cuttings were containerized in a 55-gallon drum.
- Langan sampled groundwater monitoring wells MW12S, MW13D, MW08, and MW09D.
    - Purged groundwater was containerized in a 55-gallon drum.
- Langan installed a FluxTracer® Flux Mapping Tool manufactured by Regenesis at groundwater monitoring well MW11D. The tool will be used to measure contaminant mass flux and groundwater movement to assist remedial design.
- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements including ventilation points, roof-mounted blower, and roof penetrations.

Sampling

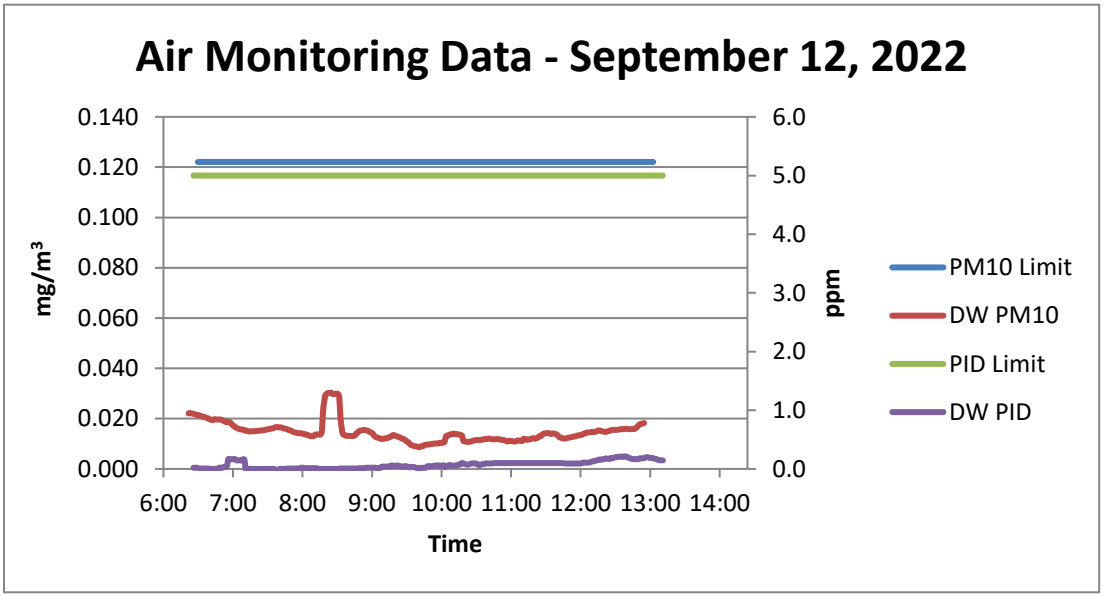
- Langan collected six soil samples (SB08_6-8, SB08_17-20, SB08_20-21, SB15_0-2, SB15_10-12, and SB15_14-16) and associated quality control/quality assurance (QA/QC) samples for laboratory analysis of NYSDEC Part 375/target compound list (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, herbicides, target analyte list (TAL) metals (including hexavalent/trivalent chromium and total cyanide), per- and polyfluoroalkyl substances (PFAS), and 1,4-dioxane.
- Langan collected four groundwater samples (MW12S_091222, MW13D_091222, MW08DD_091222, and MW09D_091222) and associated QA/QC for laboratory analysis of NYSDEC Part 375/TCL VOCs.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

- Langan collected three waste characterization samples from soil and groundwater drums to facilitate disposal facility approval.
- Samples were relinquished to Alpha Analytical, Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

CAMP

- Langan performed continuous air monitoring at downwind (DW) perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10). VOC and PM10 action levels were not exceeded during the monitoring period. Recorded air monitoring data is summarized on the following graph:



Anticipated Activities

- AARCO will continue SVI mitigation system installation.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

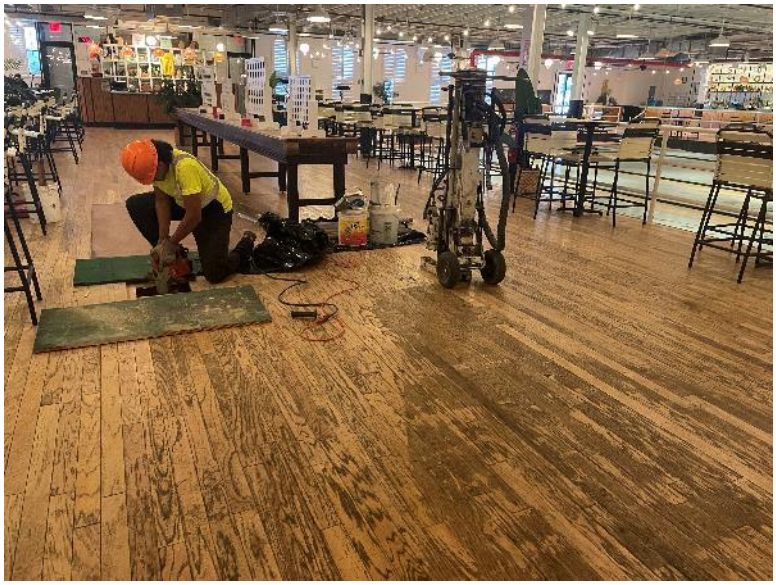
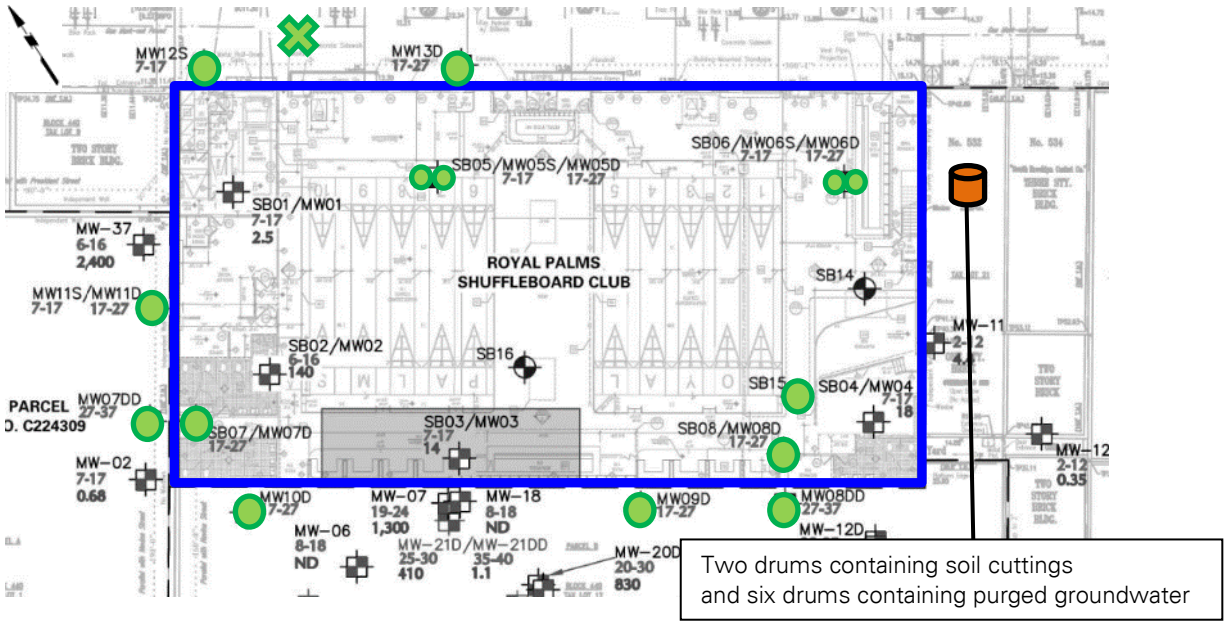


Photo 1: AARCO coring concrete slab at soil boring location SB15 (facing northeast)

Photo 2: Installed ventilation point VP-02 (facing northeast)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - RIWP



Legend

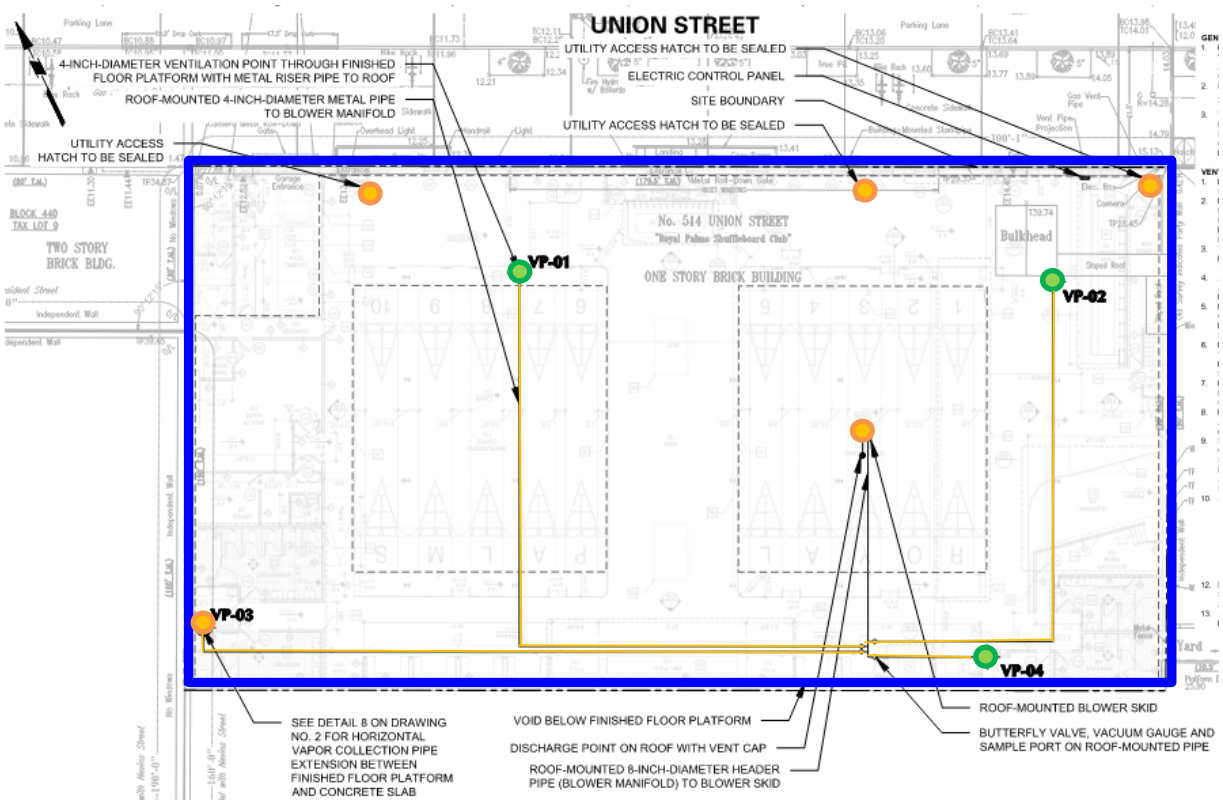
- Approximate Site Boundary
- CAMP Station
- Installed Groundwater Monitoring Well
- Approximate Drum Location

Notes

1. Base Map adapted from Figure 7 of the RIWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 09

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Tuesday, September 13 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Clear, 71 - 83°F, Wind: NNW 0-7 mph
LOCATION:	Brooklyn, New York			**TIME:**	07:00 – 14:30
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Hand tools

PRESENT AT SITE:
Langan: Audrey Seery
AARCO Environmental Services Corp. (AARCO): Will Scheiner, Victor Cardoza, Juan Torres

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements on the roof.

Sampling

- None

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- AARCO will continue SVI mitigation system installation.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

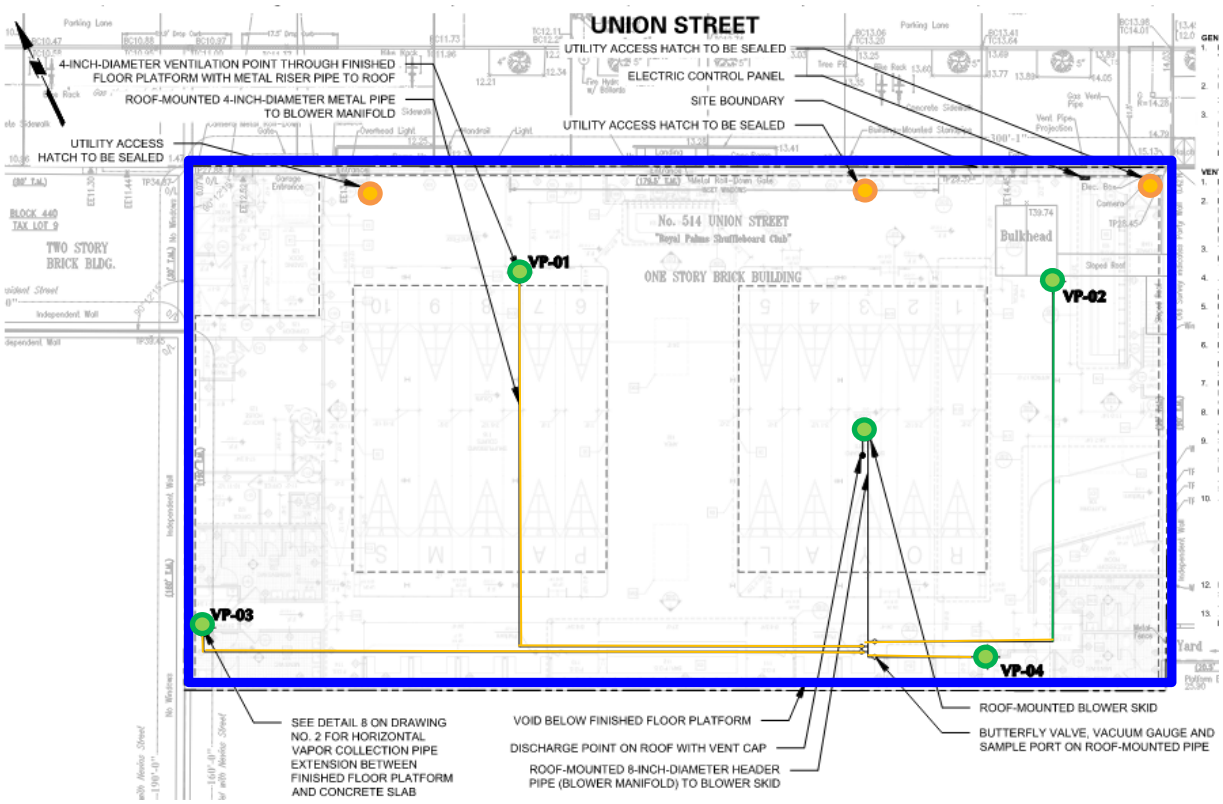
Site Photographs

Photo 1: Installed ventilation piping on roof (facing northeast)

Photo 2: Sealed roof penetration (facing west)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 10

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Wed. September 14, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Overcast, 70.7 – 82.9 °F Wind: SW @ 0.7 – 6.6 mph
LOCATION:	Brooklyn, New York			**TIME:**	06:30 – 13:30
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT: Hand tools	**PRESENT AT SITE:** **Langan:** Audrey Seery **AARCO Environmental Services Corp. (AARCO):** Juan Torres, Tim Klenger

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements on the roof.

Sampling

- None

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- AARCO will continue SVI mitigation system installation.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

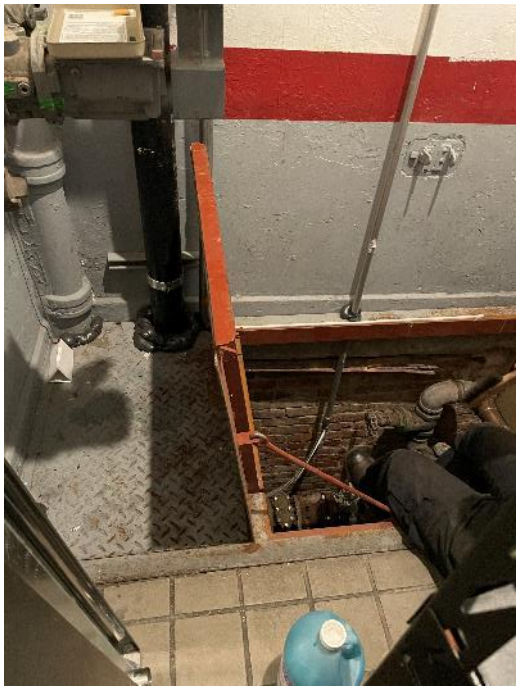
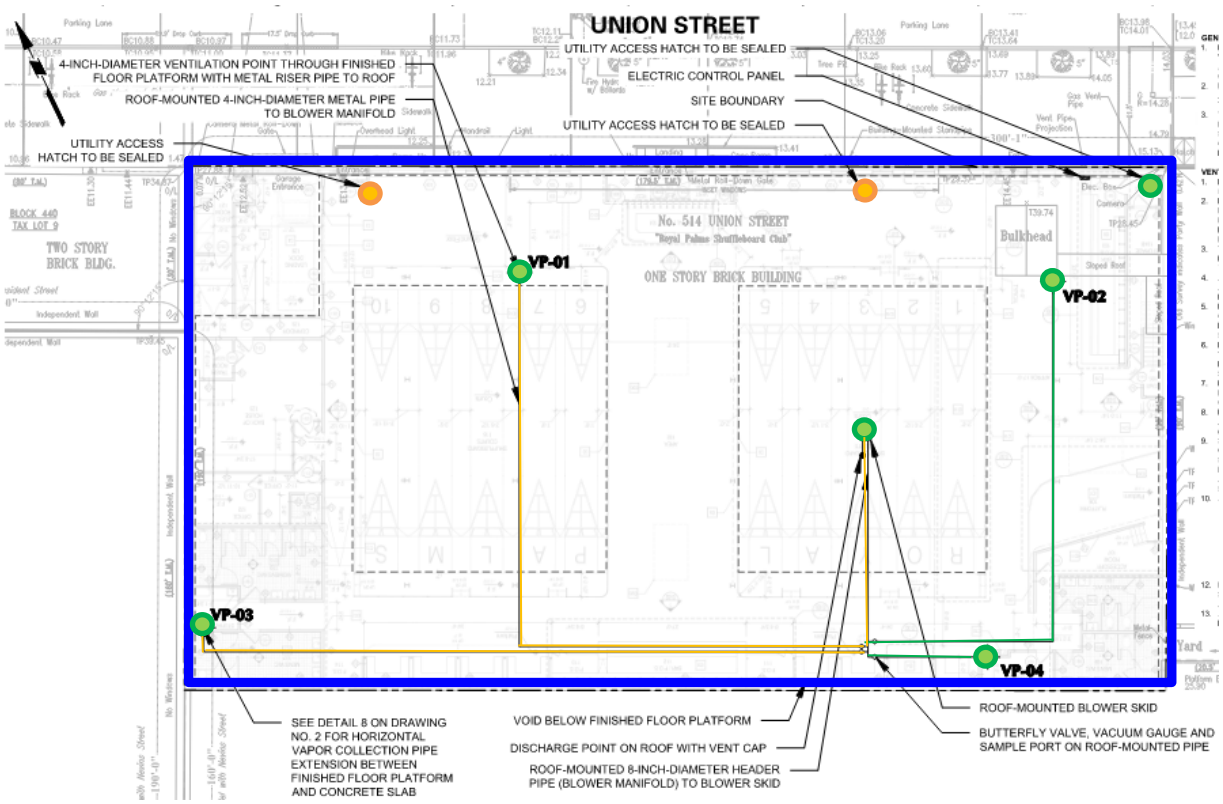


Photo 1: AARCO sealing a utility hatch in the eastern part of the site (facing north)

Photo 2: Manifold piping layout (facing south)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 11

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Thurs., September 15, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Overcast, 66.0 – 76.1 °F Wind: NW @ 0.7 – 10.0 mph
LOCATION:	Brooklyn, New York			**TIME:**	06:00 – 13:30
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT: Hand tools	**PRESENT AT SITE:** **Langan:** Audrey Seery **AARCO Environmental Services Corp. (AARCO):** Juan Torres, Tim Klenger

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements on the roof.

Sampling

- None

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- AARCO will continue SVI mitigation system installation.

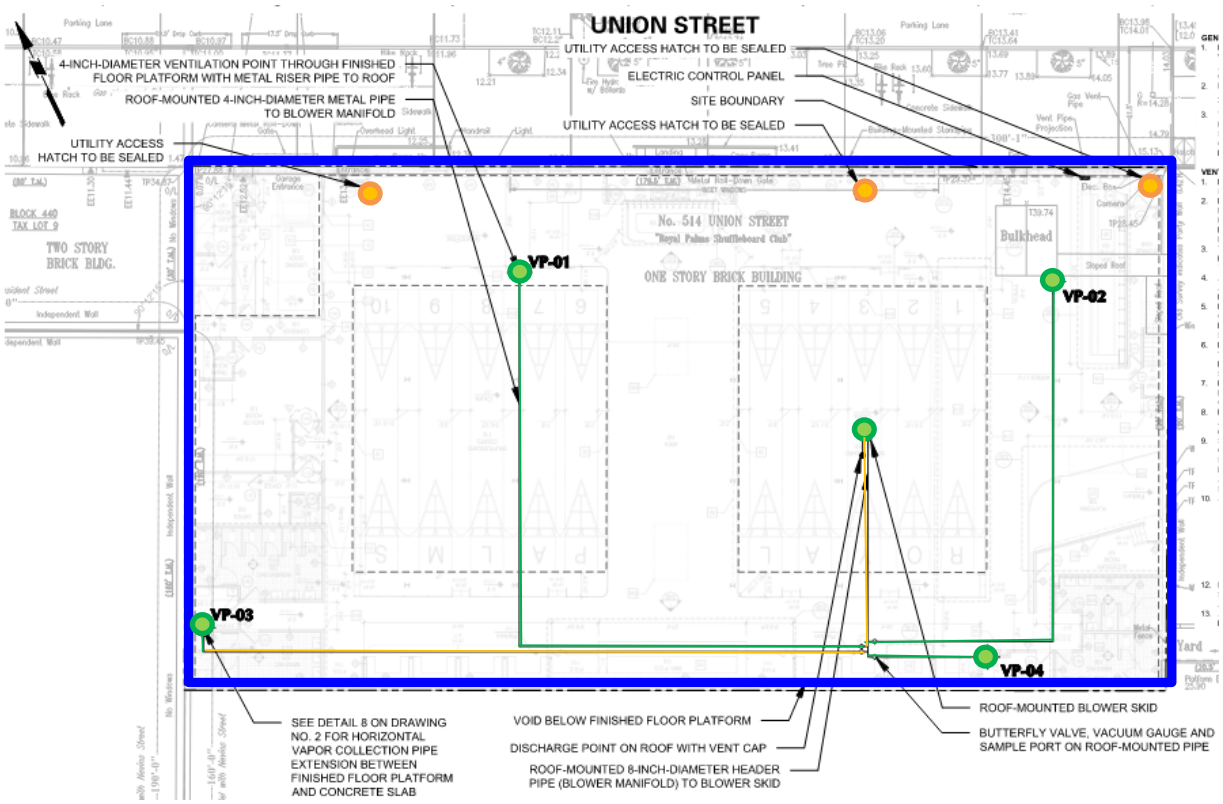
Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

Photo 1: AARCO installing roof-mounted ventilation piping (facing east)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 12

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Friday, September 16, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Partly cloudy, 60– 72 °F Wind: NNW @ 0.6 – 2.3 mph
LOCATION:	Brooklyn, New York			**TIME:**	07:00 – 13:30
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Hand tools

PRESENT AT SITE:
Langan: Audrey Seery
AARCO Environmental Services Corp. (AARCO): Paul Palermo, Momodu Sankoh
Centrifugal Electric, LLC: Alexis Torres, Henry Zenteno

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements on the roof.
- Centrifugal Electric installed electrical conduit in support of the SVI mitigation system.

Sampling

- None

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- AARCO will continue SVI mitigation system installation.
- Centrifugal will continue electrical work in support of the SVI mitigation system.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

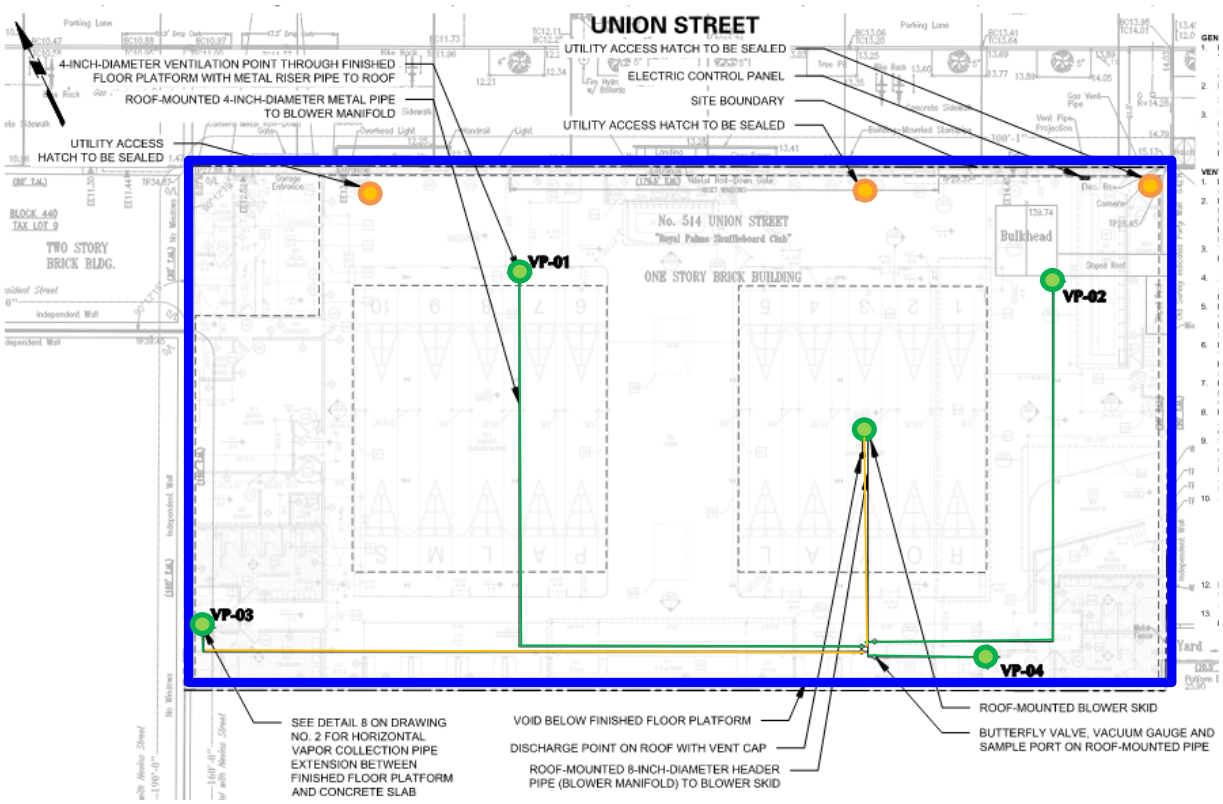
Site Photographs

Photo 1: AARCO installing roof-mounted ventilation piping (facing west)

Photo 2: Centrifugal Electric installing electrical conduit (facing southwest)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 13

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Mon., September 19, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Partly cloudy, 73– 77 °F Wind: SW @ 0 – 7mph
LOCATION:	Brooklyn, New York			**TIME:**	06:45 – 10:15 am
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT: Hand tools	**PRESENT AT SITE:** **Langan:** Audrey Seery **Centrifugal Electric, LLC:** Alexis Torres, Henry Zenteno

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- Centrifugal Electric completed electrical conduit installation in support of the soil vapor intrusion (SVI) mitigation system.

Sampling

- None.

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- AARCO will continue SVI mitigation system installation.

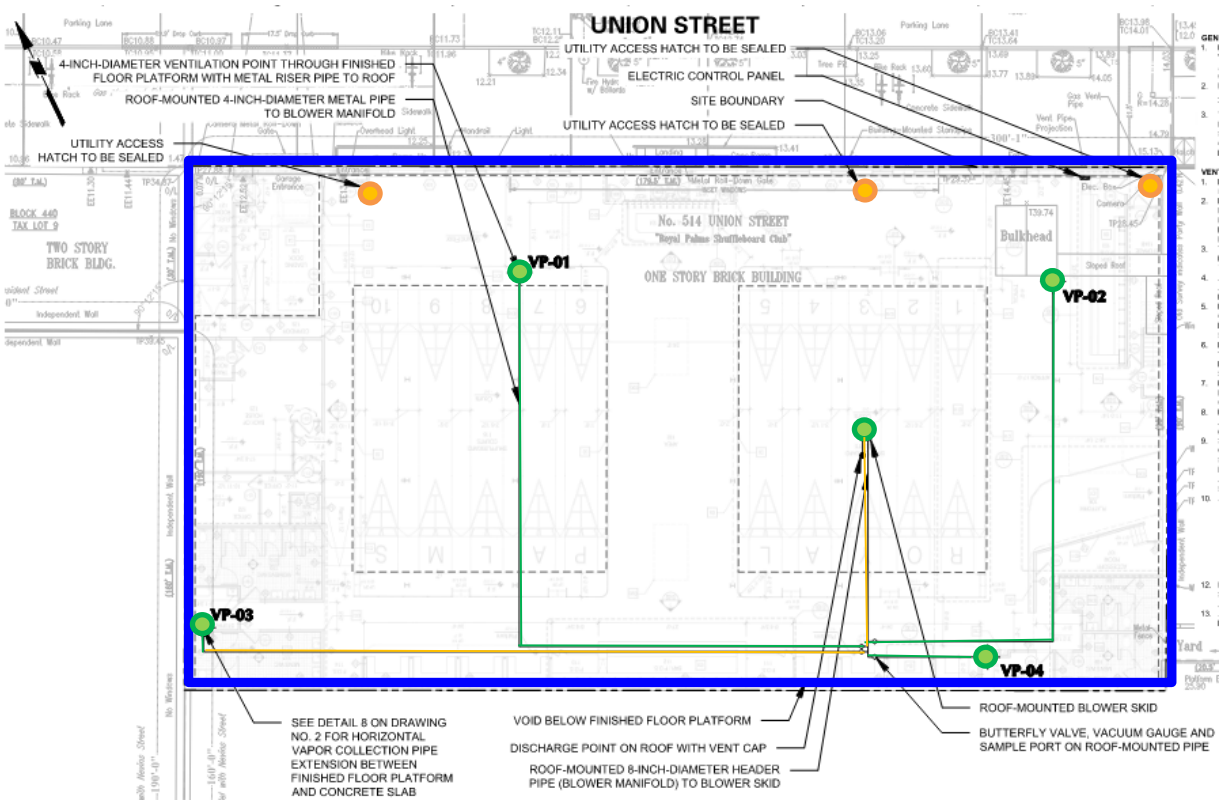
Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

Photo 1: Centrifugal installing electrical conduit wiring (facing northeast)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 14

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Tues., September 20, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Partly cloudy, 73– 77 °F Wind: NW @ 8 – 14 mph
LOCATION:	Brooklyn, New York			**TIME:**	06:45 – 2:00 pm
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery, Vimesh Kanagaratnam

EQUIPMENT: Hand tools	**PRESENT AT SITE:** **Langan:** Audrey Seery, Vimesh Kanagaratnam **AARCO:** Will Scheiner, Victor Cardoza

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements on the roof.

Sampling

- None.

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- AARCO will continue SVI mitigation system installation.

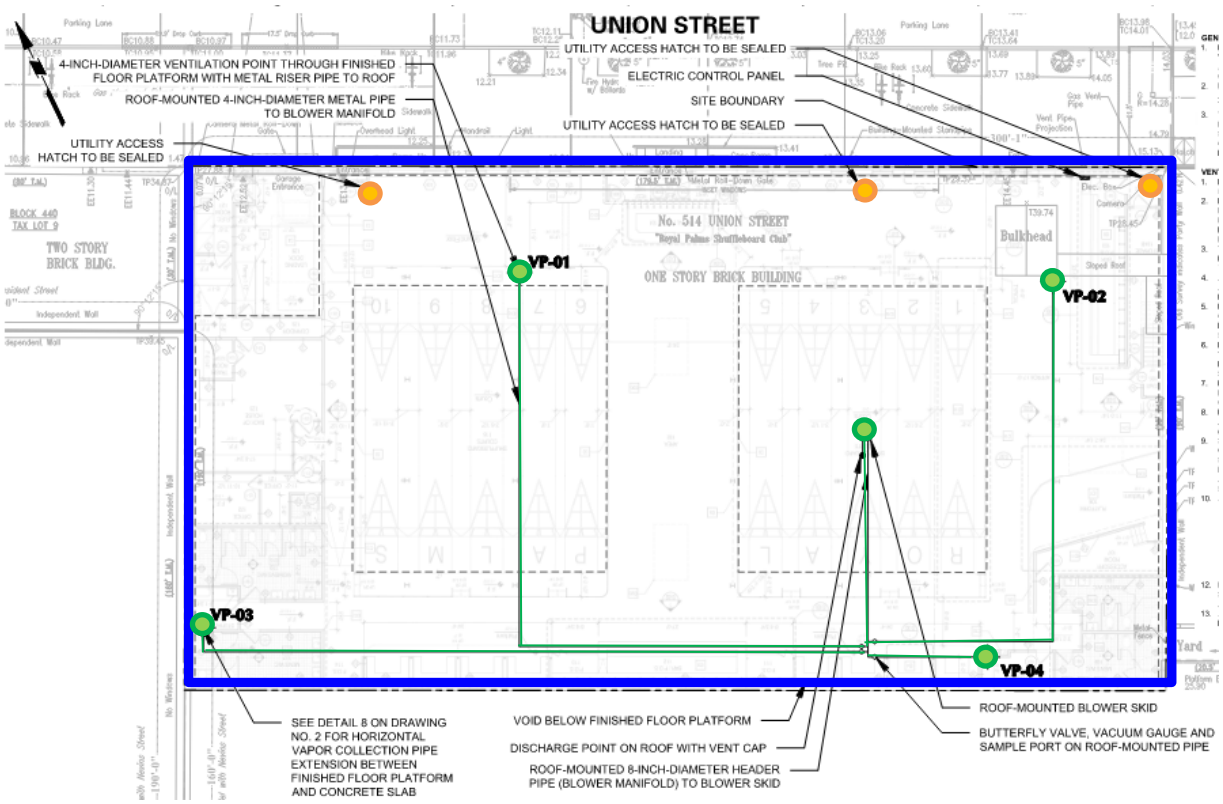
Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

Photo 1: AARCO installing SVI system piping on the roof (facing west)

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 14

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Wed., September 21, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Sunny, 73– 77 °F Wind: NW @ 8 – 14 mph
LOCATION:	Brooklyn, New York			**TIME:**	06:30 am – 2:00 pm
BCP SITE ID:	C224318			**MONITOR:**	Jack Frey

EQUIPMENT: Hand tools	**PRESENT AT SITE:** **Langan:** Jack Frey **AARCO:** Will Scheiner, Victor Cardoza

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- AARCO continued installation of soil vapor intrusion (SVI) mitigation system elements on the roof.

Sampling

- None.

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- AARCO will complete installation and turn on the SVI mitigation system.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Jack Frey **Langan, D.P.C.**

Site Photographs

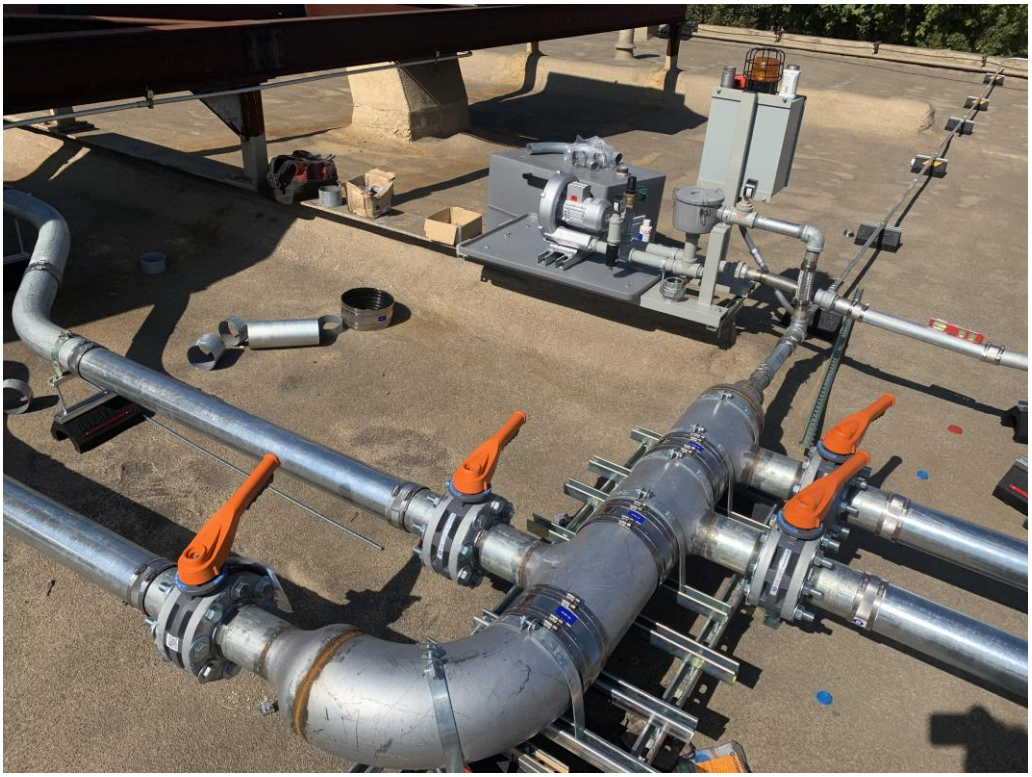
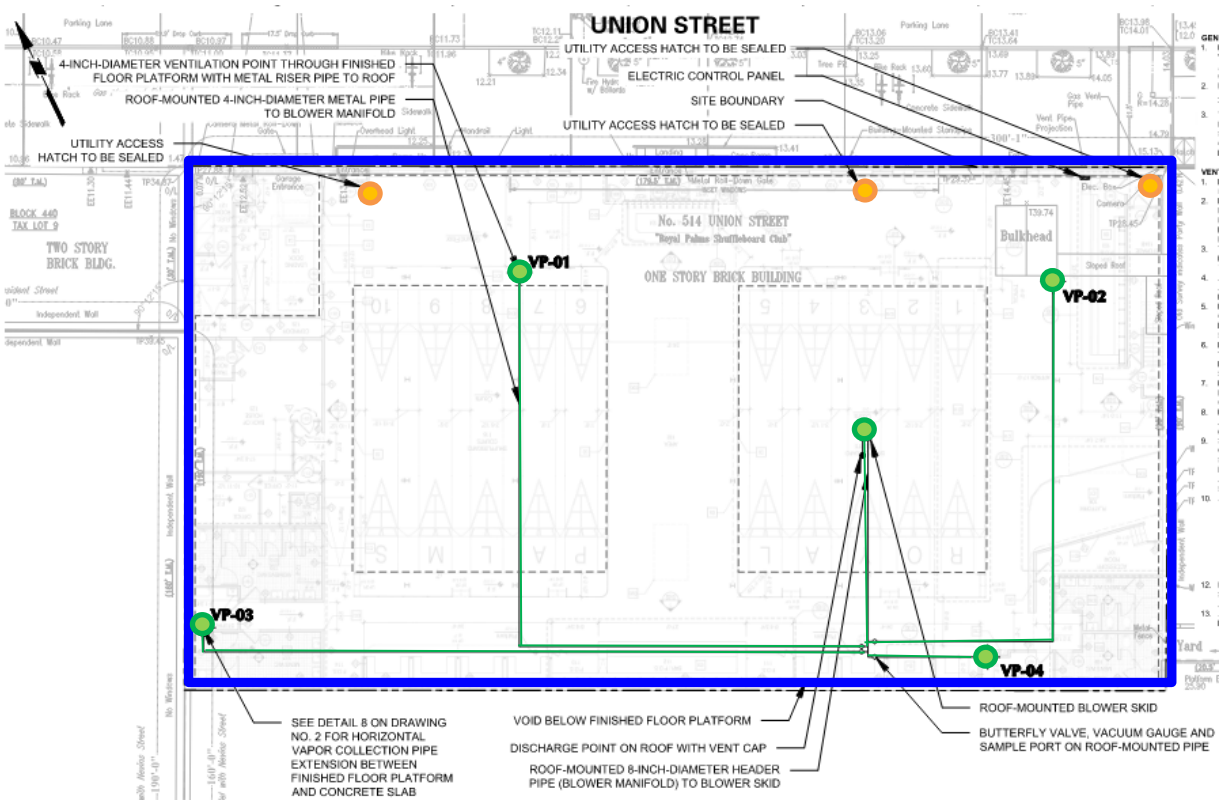


Photo 1: AARCO installing SVI system piping on the roof (facing north).

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Jack Frey **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Jack Frey **Langan, D.P.C.**

LANGAN

DAILY FIELD REPORT – DAY 16

PROJECT No.:	170361305	**CLIENT:**		**DATE:**	Thurs., September 22, 2022
PROJECT:	514 Union Street	473 President LLC		**WEATHER:**	Rain, 73– 77 °F Wind: SW @ 8 – 23 mph
LOCATION:	Brooklyn, New York			**TIME:**	06:30 am – 2:15 pm
BCP SITE ID:	C224318			**MONITOR:**	Audrey Seery

EQUIPMENT:
Hand tools
Cirrus Wind Indicator
RKI Photoionization Detector (PID)
TSI Velocicalc 9565

PRESENT AT SITE:
Langan: Audrey Seery
AARCO: Will Scheiner, Victor Cardoza, Tim Klenger

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved July 2022 Interim Remedial Measures Work Plan (IRMWP).

Site Activities

- AARCO completed installation of the soil vapor intrusion (SVI) mitigation system and turned on the system.
- Langan documented the following differential pressure and flow readings at the ventilation points:

Ventilation Point ID	Differential Pressure (Inches of Water Column)	Flow (Cubic Feet per Minute)
VP-01	-0.056	34.78
VP-02	-0.062	31.10
VP-03	-0.052	28.52
VP-04	-0.056	35.06

Sampling

- None.

CAMP

- No continuous air monitoring was performed because ground-intrusive activities were not conducted.

Anticipated Activities

- The first system inspection will be completed at a later date.

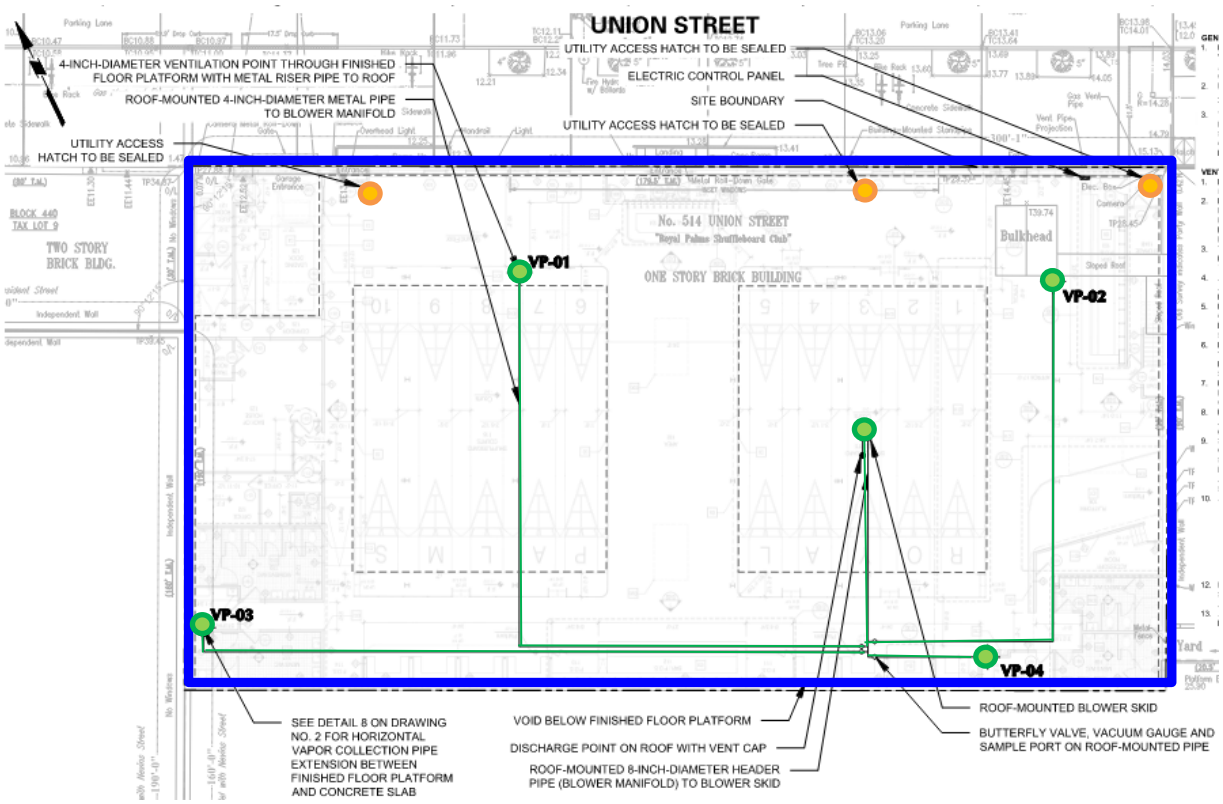
Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Photographs

Photo 1: View of the blower skid and air discharge point on the roof (facing southwest).

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**

Site Map - IRMWP



Legend

- Approximate Site Boundary
- Installed SVI Mitigation System Element
- In-Progress SVI Mitigation System Element

Notes

1. Base Map adapted from Drawing 1 of the IRMWP.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De Paula, B. Koontz	By:	Audrey Seery **Langan, D.P.C.**