


DAILY INSPECTION REPORT
Former NY Cleaning and Dyeing Off-Site Site No. C224264A

| | | | | | |
|---|--------------|--|------------|---|--|
| NYSDEC Division of Environmental Remediation | |  Department of Environmental Conservation | | Contract No. D009808-38 DEC Insp. – NA DEC PM – Wendi Zheng Contractor Supt. – NA Engineer PM – Patrick Montuori Engineer Insp. – Liam Whalen | |
| Site Location: 376-378 Flushing Avenue, Brooklyn, NY | | | | | |
| Weather Conditions | | | | | |
| General Description | Sunny | AM | Sunny | PM | |
| Temperature | 66 | AM | 80 | PM | |
| Wind | NNW 7-15 mph | AM | N 5-15 mph | PM | |

Health & Safety

If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.

| | | | |
|---|------|----|----|
| Were there any changes to the Health & Safety Plan? | *Yes | No | NA |
| Were there any exceedances of the perimeter air monitoring reported on this date? | *Yes | No | NA |
| Were there any nuisance issues reported/observed on this date? | *Yes | No | NA |

Health & Safety Comments

- Safety and caution around moving vehicles and equipment.
- Take breaks as needed and stay hydrated.
- Level D PPE (hardhat, reflective vest.
- Adhere to GPR mark outs when digging.

Summary of Work Performed

| | | | |
|------------------|---------|----------------|---------|
| Arrived at site: | 6:45 am | Departed Site: | 1:30 pm |
|------------------|---------|----------------|---------|

- Install soil borings (macrocore sampling) at SB-4 (13ft bg, refusal), SB-5 (30ft bg), SB-6 (25ft bg), SB-7 (25ft bg), SB-8 (25ft bg), SB-9 (25ft bg), and SB-10 (25ft bg).
 - Upper 5 ft of each boring hand cleared.
 - Soils generally consisted of silt with varying amounts of sand, gravel, and clay.
 - Groundwater was generally observed at approximately 15-18 ft bg.
 - Signs of contamination were observed in SB-4 through 10 to varying degrees at the groundwater interface and below. Signs of contamination included odors and elevated PID readings.
 - Greatest impacts (max PID reading of 1375 ppm) observed at SB-5 at water table smear zone, 13-15 ft bg.
 - Soil samples collected for TCL VOCs+10, TCL SVOCs+20 laboratory analysis from SB-5 at and below contaminated smear zone: 13-15 ft bg. 20-24 ft bg (759 ppm), and 26-28 ft bg (10 ppm).
 - One grab soil sample collected from each 5-foot macrocore of each boring composited into waste characterization sample.
 - Grab groundwater sample collected through a temporary well at SB-5 for waste characterization.
 - All samples submitted to Pace of 5 day TAT so waste characterization can be completed before well install.
- Based on observations, monitoring wells are proposed for SB-3 (“clean edge” of plume, no impacts observed), SB-5 (highest PID readings observed), and SB-8 (across from LMW-01).

Equipment/Material Tracking

If any box below is checked “Yes”, provide explanation under “Material Tracking Comments”.





| | | | |
|---|------|----|----|
| Were there any vehicles which did not display proper D.O.T numbers and placards? | *Yes | No | NA |
| Were there any vehicles which were not tarped? | *Yes | No | NA |
| Were there any vehicles which were not decontaminated prior to exiting the work site? | *Yes | No | NA |

Personnel and Equipment

| Individual | Company | Trade | Total Hours |
|---------------|----------------------|---------------------|-------------|
| Liam Whalen | HRP Associates, Inc. | Consultant | 6.75 |
| Jose Galarza | .AARCO | Drilling Contractor | 6.75 |
| Julio Cabriri | AARCO | Drilling Contractor | 6.75 |

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| Equipment Description | | Contractor/Vendor | | | Quantity | Used | |
|--|-----------------------------------|----------------------|----------------------------------|--|----------------------------|----------------------------|--|
| Geoprobe | | AARCO | | | 1 | Yes | |
| Material Description | Imported/ Delivered to Site | Exported off Site | Waste Profile (If Applicable) | Source or Disposal Facility (If Applicable) | Daily Loads | Daily Weight (tons)* | |
| | | | | | | | |
| *On-Site scale for off-site shipment, delivery ticket for material received | | | | | | | |
| Equipment/Material Tracking Comments: | | | | | | | |
| NA | | | | | | | |
| Visitors to Site | | | | | | | |
| Name | | Representing | | | Entered Exclusion/CRZ Zone | | |
| | | NA | | | | | |
| Site Representatives | | | | | | | |
| Name | | | | Representing | | | |
| Liam Whalen | | | | HRP Associates, Inc. | | | |
| Jose Galarza | | | | AARCO | | | |
| | | | | | | | |
| Project Schedule Comments | | | | | | | |
| <ul style="list-style-type: none"> - Soil boring installation complete. - Waste characterization samples submitted to Pace, 5 day TAT. - Monitoring well installation planned for week of 7/22 following approval of waste profile. | | | | | | | |
| Issues Pending | | | | | | | |
| -N/A | | | | | | | |
| Interaction with Public, Property Owners, Media, etc. | | | | | | | |
| -Several inquiries from public passers-by on scope of work. No complaints. | | | | | | | |

| Site Photographs (Descriptions Below) | |
|--|---|
|  |  |
| Boring SB-6 location relative to building and utility and GPR markout, before hand clearing. | Macrocores collected from SB-5 with grey-stained soils (13-19 ft bg) underlain by unstained silt layer (starting at 19 ft bg) |
|  |  |
| Composite sample | Location of SB-7 |

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Photos Provided

On-Site Waste Storage

| | | | |
|---|------------------------------|-----------------------------|---|
| Drums, roll offs and piles are staged in secure areas? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Liners and berms have been installed if necessary to prevent cross contamination of clean areas? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Containers are in good condition or properly overpacked? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Waste materials are scheduled to be properly characterized and disposed of prior to demobilization? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Complying with RCRA 90 day storage limitation for hazardous waste? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Piles are securely covered when not in use? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Containers are closed when not in use? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Staging areas should be inspected periodically and any issues addressed immediately? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Signage and labeling comply with RCRA requirements for all staging areas and containers? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| If any issues noted, has Contractor been notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| <u>Comments:</u> | | | |

NUISANCE CHECKLIST

| | | | |
|--|------------------------------|--|---|
| Were there any community complaints related to work on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Were there any odors detected on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Was noise outside specification and/or above background on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Were vibration readings outside specification and/or above background on this date? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Any visible dust observed beyond the work perimeter on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Any visible contrast (turbidity) beyond engineering controls observed on this date? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Was turbidity checked at the outfall(s)? | AM <input type="checkbox"/> | PM <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Were any property owners NOT provided advance notice for work performed on this property on this date? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Was the temporary fabric structure closed at the end of the day? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| If yes, has Contractor been notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| <u>Comments:</u> | | | |

RESILIENCE/GREEN REMEDIATION CHECKLIST

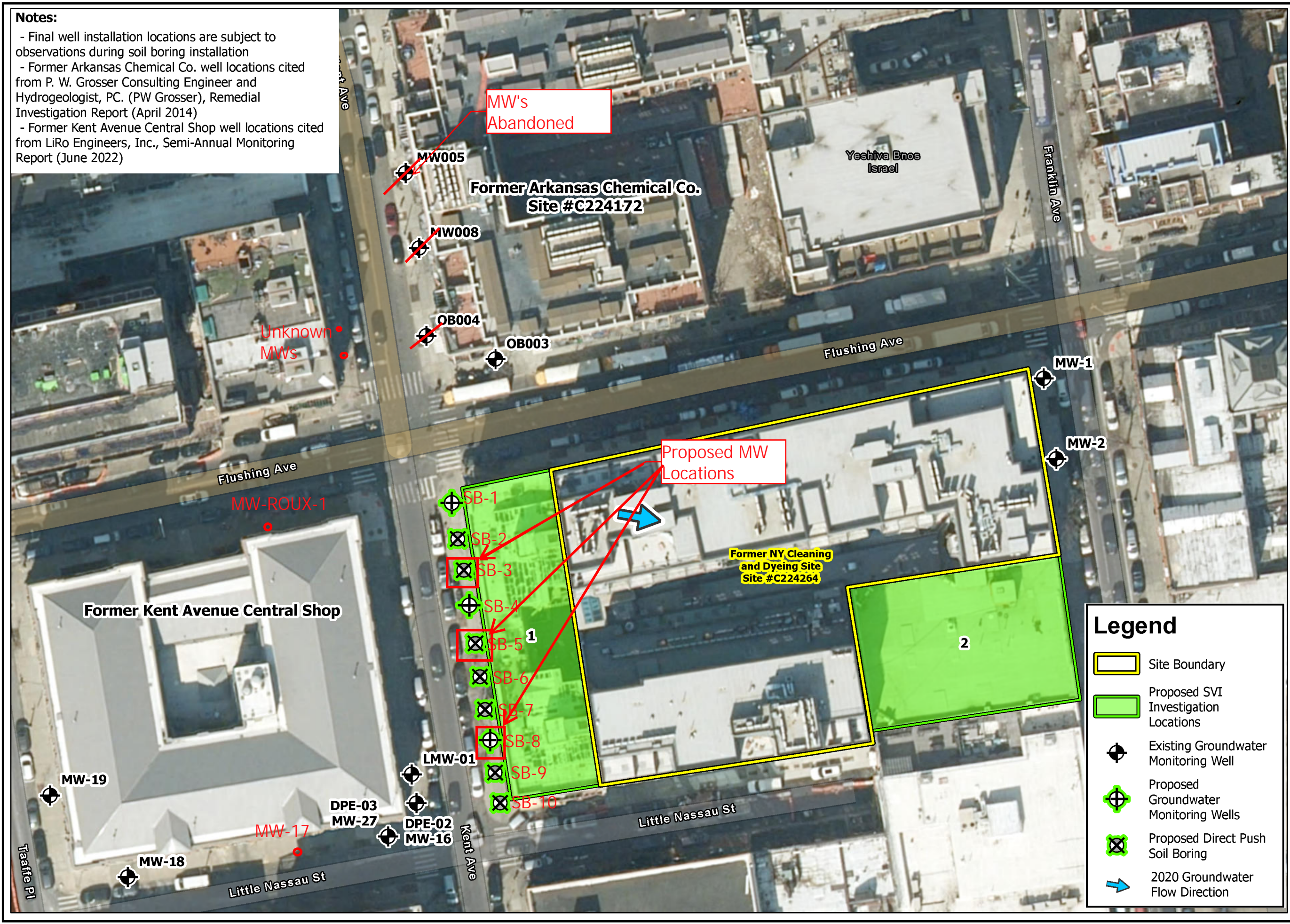
| | | | |
|--|------------------------------|-----------------------------|---|
| Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is vehicle idling adequately reduced per 6NYCRR Part 217-3? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is BART-equipped equipment properly maintained and working? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is work being sequenced to avoid double handling? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Has Contractor been notified of any deficiencies? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| <u>Comments:</u> | | | |
| Vehicles and equipment shut off when not in use to eliminate idling. | | | |

* BART – Best Available Retrofit Technology

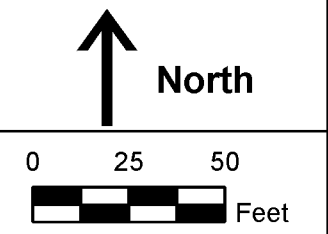
Path: S:\Data\NINYDEC - NYSDEC\NEW YORK\VARIOUS NYC\DEC1038P2 - Region 2 NYC Sites\GIS\376-378 flushing ave\Flushing Ave 376 378.aprx

Notes:

- Final well installation locations are subject to observations during soil boring installation
- Former Arkansas Chemical Co. well locations cited from P. W. Grosser Consulting Engineer and Hydrogeologist, PC. (PW Grosser), Remedial Investigation Report (April 2014)
- Former Kent Avenue Central Shop well locations cited from LiRo Engineers, Inc., Semi-Annual Monitoring Report (June 2022)



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| Revisions | No. | Date |
|-----------|-----|------|
| | | |

| | | | | | |
|--------------|-----|-----------|-----|--------------|-----|
| Designed By: | PWM | Drawn By: | GMS | Reviewed By: | PWM |
|--------------|-----|-----------|-----|--------------|-----|

| | | | | | |
|-------------|-----------|-------------|------------|-------------|-------|
| Issue Date: | 1/30/2024 | Project No: | DEC1038.P2 | Sheet Size: | 11X17 |
|-------------|-----------|-------------|------------|-------------|-------|

Site Plan and Proposed Investigation Locations

Former NY Cleaning and Dyeing Off-Site (Site #C224264A)
 376-378 Flushing Ave
 Brooklyn, New York

Figure No.
2

Legend

- Site Boundary
- Proposed SVI Investigation Locations
- Existing Groundwater Monitoring Well
- Proposed Groundwater Monitoring Wells
- Proposed Direct Push Soil Boring
- 2020 Groundwater Flow Direction