Draft Supplemental Remedial Investigation Report

Former Johnny on the Spot Cleaners
Shopping Center 152-153 10th Avenue
Whitestone, NY 11357
BCP Site Id C241125

Prepared for:
New York State Department
of Environmental Conservation

Division of Environmental
Remediation, Region 2

Prepared by:
Stantec Consulting Services Inc.

October 28, 2022

Sign-off Sheet

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Prepared by 

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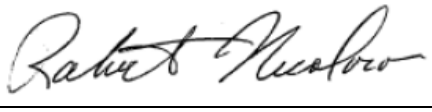
Reviewed by 

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Robert Nicoloro

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1.0 INTRODUCTION

In July 2012, The Great Atlantic and Pacific Tea Company, Inc. (A&P) contracted Stantec Consulting Services Inc. (Stantec) to conduct supplemental subsurface investigation work at the former Johnny on the Spot Cleaners store, located in a shopping plaza at 152 to 153 10th Avenue Whitestone, Queen's County, NY ("the Store or Site"). The location of the property is shown on Figure 1.

At that time, A&P was leasing a former Waldbaum's Grocery store at the property from Feil Whitestone, LLC (Feil) of New York, New York and was considered the responsible party for the entire property. From June 2013 to February 2018, Stantec conducted remedial investigation work at both the Site and at adjacent lease/business units. The work included advancing soil borings, soil sampling, monitoring well construction, groundwater gauging and sampling, and sub-slab soil gas and indoor air sampling. This work was conducted in general accordance with Stantec's Site Characterization Work Plan, dated October 19, 2012, and revised March 1, 2013, that was approved by the New York State Department of Environmental Conservation (NYSDEC) on April 19, 2013 and with Stantec's Remedial Investigation Workplan, dated July 19, 2015 and revised October 21, 2016, that was approved by NHSDEC on March 3, 2017.

In July 2015, A&P filed for Chapter 11 bankruptcy protection and the A&P Waldbaum's grocery store closed. Subsequent phases of bankruptcy transactional proceedings associated with A&P, the bankruptcy court, and the property owner subsequently occurred. In December 2015, Feil retained Stantec as environmental professional for this Site.

This remedial investigation involved completing the nature and extent of impacts to soil and groundwater associated with a past release from the Johnny on the Spot dry cleaner operations. Stantec subsequently submitted the results of this work in a draft Remedial Investigation Report (RIR) in March 2018. In November 2020, NYSDEC requested that a supplemental investigation be conducted to further evaluate soil and groundwater for the following additional analytical parameters: semi-volatile compounds (SVOCs), TAL Metals, , poly-chlorinated biphenyls (PCBs), pesticides, and emerging contaminants (per- and poly per- and polyfluoroalkyl substances [PFAS] and 1,4-dioxane). This supplemental investigation work was required due to the Site's approval into the NYS Brownfield Cleanup Program (BCP) and that fact that these (potential) compounds of concern (COC) were not tested during previous investigations at the Site.

Stantec submitted a supplemental remedial investigation workplan (SRIWP) in December 2020. After further NYSEC review and response, Stantec's SRIWP, dated February 16, 2022 SRIWP, was approved by NYSDEC on March 14, 2022.

The supplemental remedial investigation work is intended to identify the constituents of concern at the Site and to generate data to be evaluated for closure under the BCP. This work has been conducted based on collaboration between the property owner, Stantec, and the NYSDEC.

This SRIR is being submitted on behalf of the owner/Remedial Party:

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2.0 BACKGROUND

2.1 SITE DESCRIPTION

2.1.1 Site Description

This Site is located at 153-01 10th Avenue, Whitestone, NY 11357, at latitude 40.79397 North, longitude 73.80771 West, and is identified as the former Johnny on the Spot Cleaners. The Site is located in the southwestern corner of a retail strip mall known as Whitestone Plaza (see Figure 2 and 2A) and is approximately 1,860 square feet (sf). As described below, a portion of the Site has been renovated into office space and is doing business as a travel agency. The renovated office space of the travel agency, which fronts 10th Avenue, is approximately 1,025 sf. The storage space of the travel agency, located in the rear or back portion of the Site, is approximately 835 sf. Access to the storage space is through exterior doors on the northern side of the Site.

The property on which the Site is located is a 3.59±-acre parcel located at 152-45 through 153-01 10th Avenue in Whitestone, Queens County, New York. The property is identified further as Block 4531, Lots 100 and 447 (see Figures 2 and 2A). The property owner is identified as Feil Whitestone LLC. The property is identified as the Whitestone Plaza.

The property currently houses a strip mall-type shopping complex located in the western portion of the property (i.e., Lot 447) and a large parking lot located in the eastern portion of the property (i.e., Lot 100). The strip mall building is generally rectangular and orientated north to south. At the present time, businesses in this shopping plaza consist of the travel agency noted above, as well as Sunshine Spa and Hair, Subway restaurant, Shake & Swirl, Cascarino's Restorante, JD Opticians, and a former Sterling National Bank. From late winter to early summer of 2022, this former bank was renovated by a new tenant into a Stars Rehabilitation Center (aka Rehab Center) operated by Northwell Health (Northwell). Note that this tenant space described in this SRIR is referred to as both former Bank and/or Rehab Center. Tenants may change at any time at this shopping plaza.

The former Johnny on the Spot dry cleaner store closed sometime after 2004 and remained vacant through 2019 when a portion of the space was renovated into a travel agency. Access to the property parking lot is from 154th Street to the east and from 10th Avenue to the south. An access route or drive for delivery trucks from 10th Avenue to a loading dock/parking lot area behind the Site is located on the far western portion of the property.

The properties adjacent to the subject property include Tropicana of New York, Inc., an orange juice packaging facility to the north; Citi-Bank; Healthy Choices Deli; and residences beyond 10th Avenue to the south; residential dwellings beyond 154th Street to the east and south; and Kinray Pharmaceutical Distribution Company; additional commercial properties; and residences to the west.

2.2 PHYSICAL SETTING

2.2.1 Topography

Surface topography at the subject property is relatively flat with an approximate average elevation of 20 feet above mean sea level (msl). The boundaries of the property are more fully shown in the Survey Plan presented in Appendix A. According to survey data, the ground surface elevation ranges from approximately 20 feet above mean sea level (ft. MSL) in the northern portion of the property to approximately 17.5 ft MSL in the loading dock/parking lot area behind the former dry cleaner unit Site.

2.2.2 Geology

According to the University of the State of New York, State Education Department Geologic Map of New York, Lower Hudson Sheet dated 1970, the Property is situated in the Atlantic Coastal Plain Physiographic Province of southeastern New York. Specifically, the Property is underlain by the upper Cretaceous Raritan Formation, which generally consists of clay, silty clay, silt, sand, and gravel.

Bedrock was not encountered during previous investigations.

2.2.3 Hydrogeology

Groundwater was encountered during investigation activities at depths ranging from approximately 5 feet below land surface (bls) in wells located in the loading dock/parking lot area behind the Site to 10 feet bls in wells located in the sidewalk along 10th Avenue. Based on well gauging and survey elevational data, groundwater is shown to converge towards the Site from the northwest, west and south-southeast.

2.2.4 Surface Water / Wetlands

The Site is located within a highly developed, urban area of Whitestone, New York. No surface water bodies or wetland areas are present at, or adjoining, the Site. Furthermore, wetland areas are not depicted at the Site on the 1999 U.S. Department of the Interior Fish and Wildlife Service National Wetlands Inventory Map. The nearest surface water body is the East River, which is located approximately 1,00-feet to the north of the Site (see Figure 1).

2.3 HISTORICAL INFORMATION

The Property historically has supported a mix of residential, commercial, and industrial uses. In 1903, the Whitestone Landing Depot train station was situated in the southeastern portion of the property, and a Long Island Railroad corridor occupied the eastern portion of the Property. By 1916, a single story residential dwelling had been constructed at 752 154th Street adjacent to the intersection of 22nd Street (currently 10th Avenue) and 14th Avenue (currently 154th Street). By 1942, the residence and train station had been demolished and the railroad tracks removed. The

Property was identified as a portion of the Wheeler Ship Building Corporation facility, which reportedly manufactured PT boats during World War II. In 1950, a boat building warehouse and a woodworking building were located in the western portion of the Property (portions of the existing shopping center structure). In addition, a narrow, elongated "lacquer spraying" building had been constructed in the central portion of the Property. Fifteen additional small buildings had been constructed throughout the eastern portion of the Property between 1942 and 1950, including an electric shop, a restroom, a clock tower, and several storage sheds.

Between 1950 and 1981, additions/renovations to the existing site building (located on Lot 447) and the former "lacquer spraying" building, located in the eastern portion of the Property (Lot 100), had been completed. The structure located on Lot 100 in 1981 had been expanded and consisted of nine commercial stores. The former Waldbaum's shopping center structure was occupied by the Fuller Tool Company, Inc. (Fuller), which manufactured hand tools on site until July 1988. Between 1988 and 1990, the former site building on Lot 100 was razed, and the Fuller structure was renovated to house the existing retail businesses.

2.4 IDENTIFICATION OF STANDARDS, CRITERA, AND GUIDANCE

Each media of concern (soil, groundwater, and indoor air/soil vapor) was evaluated separately herein with results from field sampling compared against the appropriate NYSDEC cleanup standard or guidance in place at this time.

Soil. In October 2010, NYSDEC issued CP-51/Soil Cleanup Guidance, which applies to each of the remedial programs administered by NYSDEC's Division of Environmental Remediation (including the Inactive Hazardous Waste Disposal Site Remediation Program, the Brownfield Cleanup Program, Voluntary Cleanup Program, and the Spill Response Program). The new guidance replaces Technical Administrative Guidance Memorandum ("TAGM") 4046: Determination of Soil Cleanup Objectives and Cleanup Levels, dated January 24, 1994.

Therefore, consistent with previous investigations and in accordance and NYSDEC Policy – CP-15/Soil Cleanup Guidance, dated 10/21/10, the reported analytical concentrations for the analyzed constituents detected in soil at the Site were compared to the unrestricted Soil Cleanup Objectives (SCOs) provided in 6 NYCCR Table 375-6.8(a), and Supplemental Soil Cleanup Objectives from the CP-15/Soil Cleanup Guidance. As described in the CP-15/Soil Cleanup Guidance (Section V, F)

> *"the SCOs may be used to identify areas of soil contamination and to determine the extent of soil contamination, and that the exceedance of one or more applicable SCOs or Supplemental SCOs (which is the lower of protection of public health, protection of groundwater, or protection of ecological resources soil cleanup objectives), alone does not trigger the need for remedial action, define "unacceptable" levels of contaminants in soil, or indicates that a site qualifies for any NYSDEC remedial program."*

Guidance values for PFAS in soils were used for comparison with results as described in SAMPLING, ANALYSIS, AND ASSESSMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) Under NYSDEC's Part 375 Remedial Programs, dated October 2020.

Groundwater. The reported analytical concentrations for groundwater samples were compared to Groundwater Quality Standards from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Series (TOGS) Groundwater Standards ("GWQS" or the "Standards").

Guidance values for PFAS in groundwater were used for comparison with results as described in SAMPLING, ANALYSIS, AND ASSESSMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) Under NYSDEC's Part 375 Remedial Programs, dated October 2020.

Indoor Air/Soil Vapor. The current NYSDOH guidance document entitled "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", dated October 2006 with Soil Vapor Intrusion Updates (the latest update being May 2017), were used to evaluate resultant indoor air, sub-slab vapor, and soil vapor data.

3.0 Previous work

Previous Site investigation activities are described in, or included by reference in, the following reports submitted to NYSDEC Division of Environmental Remediation (DER):

- Phase I, Environmental Site Assessment, dated October 23, 2003;
- Underground Storage Tank Closure and Site Investigation Report, dated February 6, 2004;
- Limited Phase II Site Investigation, dated February 10, 2004;
- Remedial Investigation Report and Corrective Action Workplan, dated January 7, 2007;
- Remedial Investigation Report and Supplemental Remedial Investigation Workplan, dated December 24, 2008;
- Site Characterization Work Plan, dated October 19, 2012, and revised March 1, 2013; and
- Remedial Investigation Workplan, dated July 19, 2015 and revised October 21, 2016.
- Remedial Investigation Reported, dated March 30, 2018.
- Supplemental Remedial Investigation Work Plan, dated February 16, 2022.
- Interim Remedial Measures-Construction Completion Report (draft), dated August 12, 2022

Figures 2 and 2A depict the present configuration of the Property and Site boundaries, buildings, and parking lots. Figures 3A to 3C depict the present configuration of the site-specific portion of the Property, buildings, parking lots, and various sampling locations.

The documents referenced above were made available to Stantec (or prepared by Stantec) and subsequently reviewed to develop the following description of the several phases of investigation work that were conducted at the Site. Copies of pertinent figures and data tables from previous reports are presented in Appendix A.

3.1 HISTORIC INVESTIGATIONS (WHITESTONE ASSOCIATES, INC. 2003 - 2008

A Phase I Environmental Site Assessment (ESA) was conducted in 2003 on the subject property by Whitestone Associates, Inc (Whitestone). At the time, Johnny On The Spot dry cleaners occupied the southwestern portion of the shopping complex building and was identified as a Resource Conservation and Recovery Act (RCRA) Small Quantity Generator facility (USEPA identification #NYD986957413). The ESA report concluded that no violations of hazardous waste regulations were recorded in the database report, but due to the presence of the dry cleaner (as well as historic site use and existing USTs that were unrelated to the dry cleaner), a Phase II site investigation was recommended.

In 2004, Whitestone conducted subsurface investigations associated with the removal/closure of one 5,000-gallon regulated No. 2 heating oil UST. As shown on the Boring Location Plan in Appendix A, the UST was located in the northeastern portion of the Property behind the former Waldbaum's grocery store. Borings B-1 through B-5 were advanced by Whitestone in January 2004 in the vicinity of the former fuel oil UST at the Property. Results of this work are presented in

Whitestone's Underground Storage Tank Closure and Site Investigation Report, dated February 6, 2004.

Also in January and February 2004, Whitestone advanced 12 additional soil borings in the area of the dry cleaners and installed ten temporary well points into the water table (8 to 12 feet bgs) to collect grab samples of groundwater. Locations of these borings, identified as B-6 through B-17, are shown on the Figure in Appendix A. These boring locations are also presented in this RIR on Figure 3a. The well points were completed and sampled at the following shallow (S) and deep (D) boring locations: B-1/GW-1; B-6/GW-6; B-8/GW-8; B-10/GW-10; B-12/GW-12; B-13/GW-13S; B-13/GW-13D; B-14/GW-14; B-15/GW-15S; B-15/GW-15D; B-16/GW-16S; B-16/GW-16D; and B-17/GW-17. Three locations GW-13D, GW-15D, andGW-16D) were advanced to 24 to 28 feet bgs and groundwater samples were collected from the deeper saturated zone. Results of this work are presented in Whitestone's Limited Phase II Site Investigation (Phase II SI), dated February 10, 2004. Pertinent data tables presenting the results from the soil and groundwater sampling are presented in Appendix A.

The 2004 Phase II SI report identified select VOCs in soil samples from borings B-6, B-9, and B-14 to B-17 but at levels below NYSDECs Recommended Soil Cleanup Objectives (SCOs). Concentrations of semi-volatile organic compounds (SVOCs) in soil samples from B-4, B-6, and B-7 were also below SCOs. Whitestone concluded that no residual soil source area of contamination was identified.

Groundwater sample results identified tetrachloroethylene (or perchloroethylene of PCE), trichloroethylene (TCE), vinyl chloride (VC), benzene, ethyl benzene and certain SVOCs at concentrations exceeding applicable groundwater standards (Technical Operational Guidance Series [TOGs] and the Technical and Administrative Guidance Memorandums [TAGM]) near the northeastern corner of the dry cleaner store unit (well point B-6 / GW-6). Groundwater samples from the following sampling points also had chlorinated VOCs at levels exceeding applicable standards in B-13 / GW-13 shallow and deep; B-14 / GW-14; B-15 / GW-15 shallow and deep; and B-16 / GW-16 shallow and deep.

In 2008, additional site investigation activities were conducted by Whitestone to further delineate soil and groundwater conditions. The results are presented in Whitestone's Remedial Investigation Report and Supplemental Remedial Investigation Workplan, dated December 24, 2008. Copies of pertinent figures and tables are presented in Appendix A. The work included the following:

- the installation and sampling of three additional soil borings (B-18 to B-20) to further delineate soil and groundwater conditions;
- the installation, surveying, and sampling of six shallow (S) and deep (D) groundwater monitor wells (MW-1S, MW-1D, MW-2S, MW-2D, MW-3S, and MW-3D);
- permeability testing (slug tests) to establish aquifer/hydraulic characteristics; and

- implementation of sub-slab soil gas (SG-1 inside the dry cleaner space), soil gas vapor (SG-2 and SG-3 in the parking lot/loading dock area behind the dry cleaner), indoor air quality (IAQ-1 inside the dry cleaner space), and outside/ambient air sample (AA-1 outside in the driveway to the west of the dry cleaner) sampling.

Locations of these three soil borings, six monitoring wells, and five vapor intrusion sample locations are presented herein on Figures 3A, 3B, and 3C, respectively. Well construction details are presented in Table 1 and logs are presented in Appendix B. Soil samples from the three soil borings (B-18 to B-20) were analyzed for VOCs. No VOCs were detected above method detection limits.

The shallow and deep groundwater monitoring well pairs MW-1S / MW-1D and MW-2S / MW-2D were advanced in the loading dock/parking lot area behind the former dry cleaner (to the north), and well pair MW-3S/MW-3D was advanced further to the north. At the time of well installation and measurement, groundwater flow appeared to be to the south. Water levels measured during a low tide and high tide period were essentially the same in the shallow and deep wells (see Appendix A, Table 4 from the 2008 RIR). This indicates that tidal flow does not affect the groundwater at the Site.

Shallow groundwater at well MW-1S contained VOCs at concentrations below NYSDEC's Groundwater Standards/Criteria. However, chlorinated compounds (i.e., 1,1-dichloroethane [1,1-DCA], 1,1–dichloroethene [1,1-DCE], and 1,2-dichloroethane [1,2-DCA]) exceedances were identified in the deeper off-set well MW-1D. In well MW-2S, 1,1-DCE, benzene, cis- 1,2-DCE, PCE, TCE, and VC were detected above Standards, but no exceedances were identified in the groundwater sample collected from the deeper off-set well MW-2D. No exceedances of Standards were identified in the groundwater samples collected from monitor wells MW-3S and MW-3D, with the exception of the concentration of 1,2-DCA (2.8 parts per billion [ppb]) in MW-3D, which slightly exceeded its Standard of 0.6 ppb.

The results for indoor air sample IAQ-1 collected in 2008 in the former dry cleaner unit identified detectable VOCs, the most significant of which was PCE at a concentration of 160 micrograms per cubic meter (ug/m3), which exceeded the air guidance value of 100 ug/m3 in place at that time as presented in NYSDOH's October 2006 Final Guidance Document for Evaluating Soil Gas Vapor Intrusion in the State of New York. Analytical results of the outside/ambient air sampled collected at location AA-1 identified PCE at a concentration in air of 1 ug/m3.

Sub-slab vapor sample SG-1, which was collected in close proximity to IAQ-1 and beneath the slab of the former dry cleaner unit, exhibited PCE and TCE levels of 4,300 ug/m3 and 75 ug/m3, respectively. Chlorinated volatile organic compounds (cVOCs) also were identified in soil vapor samples SG-2 and SG-3 (located in the loading dock/parking area to the north of the former dry cleaner unit). PCE in sample SG-2 was reported at 30 ug/m3 and TCE at 19 ug/m3. PCE in sample SG-3 was reported at 9.5 ug/m3 and TCE was not detected. VC and 1, 2-DCE were also detected at SG-2 only at 46 ug/m3 and 79 ug/m3, respectively. Other VOCs were detected in the two soil vapor samples including benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) ranging

from 0.79 to 83 ug/m3 of benzene, 8.3 to 20 ug/m3 of toluene, 1.3 to 2.7 ug/m3 ethylbenzene, and 4.4 to 10.5 ug/m3 total xylenes.

In their December 2008 Remedial Investigation Report and Supplemental Remedial Action Plan, Whitestone provided a map that recommended that an additional well pair (MW-4S/MW-4D) be drilled and constructed to the east of the site building in a landscaped area in the parking lot. However, no additional information/report was provided to Stantec related to the actual construction of these two wells and the wells could not be found by Stantec during the various field activities described in this RIR. No data were available for these wells and it is assumed that MW-4S/4D were not installed.

3.2 SUMMARY OF REMEDIAL INVESTIGATION (STANTEC 2012-2018)

Remedial Investigation (RI) activities were performed at the Site by Stantec (from 2012 to 2018) to supplement environmental investigations performed by others (from 2003 to 2008) as described above. The results of the RI were initially summarized in a report by Stantec entitled "Draft Remedial Investigation Report, Former Johnny on the Spot Cleaners, 152-153 10th Avenue, Whitestone, NY 11357, BCP Site ID C241125," submitted to NYSDEC in March 2018 (2018 RIR).

The 2018 RIR identified activities that included:

- Drilling of test borings in soil at interior and exterior locations chosen to further evaluate areas of previously-identified or suspected cVOC presence (see Figure 3A);
- Laboratory analysis of soil samples for cVOCs;
- Installation of six shallow and seven deep overburden groundwater monitoring wells (Well Construction Details are presented in Table 1, locations are shown on Figure 3B, and boring logs are presented in Appendix B);
- Hydraulic conductivity testing of selected wells;
- Sampling of groundwater monitoring wells for cVOCs;
- Laboratory analysis of groundwater samples for cVOCs; and
- Sampling of soil gas, sub-slab vapors, and indoor air at the Site, at adjacent exterior locations, and at adjacent interior store locations (i.e., Bank, Cascarino's Restorante, and JD Opticians).

The RI resulted in the following primary findings:

- Depths to groundwater measured during groundwater sampling activities (November 2017) ranged from 1.86 to 12.92 feet bls in the shallow wells and from 5.58 to 12.98 ft bls in the deep wells (see Table 2). The corresponding measuring point elevations (top of PVC well riser in feet MSL) were used to derive groundwater elevations shown in Table 2 and the Groundwater Contour Maps Shallow and Deep wells (Figures 4a and 4b, respectively). As shown on Figures 4a and 4b, groundwater flow in both the shallow and deep

overburden is depicted to converge from northwest, west, and south-southeast towards the Site.

- Subsurface soil samples from borings drilled within the former dry cleaner store unit exhibited concentrations of cVOCs, including PCE, TCE, cis-1,2-DCE, and VC at levels in excess of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs). These are common constituents of dry cleaning activities. Samples from borings drilled at outside locations had no VOCs detected above SCOs and/or laboratory reporting limits. A spider map depicting exceedances of SCOs is presented as Figure 5.
- Groundwater analytical results reported concentrations of cVOCs (PCE, TCE, 1,1-DCE, cis-1,2-DCE, and VC) at levels exceeding Groundwater Quality Standards (GWQS) at just two shallow wells (MW-1S and MW-2S) and at five deep wells (MW-1D, MW-2D, MW-3D, MW-101D, and MW-201D). Levels of 1,1-dichloroethane (1,1-DCA) and 1,2-DCA were also detected above GWQS in each of the deep wells. A spider map depicting exceedances of Groundwater Quality Standards (GWQS) is presented on Figure 6.
- Areas of elevated cVOC impacts were identified in sub-slab vapors beneath the former dry cleaner unit and beneath the western portion of the Bank (in the kitchen area). The primary compounds were PCE, TCE, and VC. The conclusions presented in the 2018 draft RIR were to "Mitigate" at these areas. Low levels of cVOCs were detected in sub-slab points located in the eastern or customer portion of the Bank. Conclusions presented in the 2018 draft RIR were "No Further Action" for the customer area of the Bank.
- Based on the results of the sub-slab vapor and indoor air sampling, Stantec recommended in the 2018 draft RIR that a sub-slab depressurization system be designed and installed within the former dry cleaner unit, that would also have influence under the western portion of the Bank (in the kitchen area, as a means to mitigate the levels of cVOCs detected in sub slab soil gas and indoor air and to protect the health and safety of future tenant(s). Further details of this work is described below in Section 3.3.

3.3 INTERIM REMEDIAL MEASURES – SSDS

This section presents a brief summary of the installation of the SSDSs. Details are presented in Stantec's Interim Remedial Measures-Construction Completion Report (draft), dated August 12, 2022.

The IRM Work Plan was developed in two phases. The first phase was a pilot test/communication test that was conducted on two vapor extraction points located inside the former dry cleaner unit. The pilot test work was conducted in accordance with Stantec's Remedial Investigation Workplan (RIWP dated October 21, 2016) that was approved by NYSDEC on March 7, 2017. Since that RIWP did not include a design for an SSDS, Stantec revised the RIWP into an IRMWP that combined both the pilot test and a preliminary SSDS design and submitted it to NYSDEC in May 2018. The second phase of the IRMWP was the design of the systems. The results of the May 2018 communication test showed that an SSDS in the former dry cleaner unit would consist of several lengths, or segments, of 3-inch diameter perforated PVC piping installed horizontally under the

exiting sub slab floor and connected to solid PVC pipes located on the outside wall. Two radon fans would be connected to the two solid riser pipes on the outside. These two radon fans/systems are identified as System A and System B. A figure (Figure 3 from the IRM-CCR) that depicts the components of the SSDSs in the former dry cleaner is presented herein as Figure 3D.

The results of the pilot test also showed that, due to lack of vacuum influence from the former dry cleaner, a separate SSDS would need to be installed inside the kitchen of the adjacent Bank. This system would consist of a 3-inch diameter PVC perforated pipe installed vertically in a suction pit connected to solid PVC pipe. The solid PVC pipe would extend vertically through the ceiling and the roof for connection to a radon fan located on the vertical pipe on top of the roof. This radon fan/system is identified as System C.

During this same time period, the former dry cleaner unit was undergoing renovation. A major component of this renovation was installing new flooring in the large area in the front/upper portion of the unit. This area is shown on Figure 3D. This new flooring would consist of approximately 4 feet of structural Styrofoam underlying 4-inches of new concrete. Since this new flooring would cover up large portions of the existing floor, Stantec worked with the selected contractor to install portions of the sub-slab piping in just the front/upper portion of the former dry cleaner unit while the existing floor was accessible. These portions are identified as segments A1, B1, and C1. This work was conducted on June 26 and 27, 2018.

The IRMWP was subsequently revised based on continued verbal and email correspondence with NYSDEC and the New York State Department of Health (NYSDOH). The final IRMWP was submitted to NYSDEC and NYSDOH on November 30, 2018. The NYSDEC issued a letter approving the IRMWP on December 3, 2018. The final portions, or segments, of the sub-slab piping for the former dry cleaner unit and the Bank were installed in January 2019. Subsequent pressure extension field testing conducted on the SSDSs indicted they were creating a vacuum underlying the slab at the Site and in the pertinent areas of the Bank that required "Mitigation".

In mid-March 2022, Stantec was notified by Feil Whitestone LLC (Feil) that the former Bank was being renovated by a new tenant into a Stars Rehabilitation Center (aka Rehab Center) operated by Northwell Health (Northwell) and that the solid PVC piping for the SSDS in the former Bank (identified as System C) would be located in the middle of a hallway in the new Rehab Center. Stantec subsequently worked with Feil and Northwell to relocate System C to an unobtrusive location, approximately 4 feet to the north. The work involved with this relocation was conducted in a similar manner as the installation of the initial system (i.e., a 3-inch diameter PVC perforated pipe installed vertically in a suction pit connected to solid PVC pipe that extended vertically through the ceiling and the roof and was connected to the System C radon fan) for connection to a radon fan located on the vertical pipe on top of the roof. The portion of the solid PVC piping that extended from the floor to the ceiling was enclosed within a 2x6 sheet rock office wall as a means to conceal the piping. A figure (Figure 4A from the IRM-CCR) that depicts the components of the SSDSs in the Rehabilitation Center is presented herein as Figure 3E.

Subsequent pressure extension testing conducted on the three Systems after System C was relocated continued to show a vacuum underlying the slabs of the former dry cleaner and Rehabilitation Center units.

3.4 SUPPLEMENTAL REMEDIAL INVESTIGATION OBJECTIVES

The objective of the Supplemental Remedial Investigation is to close specific data gaps in the Site characterization as identified by NYSDEC from their review of the 2018 draft RIR. Specifically, NYSDEC required that additional soil and groundwater samples be collected at select locations and laboratory analyzed for TAL Metals, SVOCs, PCBs, Pesticides, and emerging contaminants (i.e., per- and polyfluoroalkyl substances [PFAS] and 1,4-dioxane) since these (potential) compounds of concern (COC) had not been tested during previous investigations at the Site.

This supplemental investigation is intended to determine if these compounds are COCs at this Site that require further investigation and/or remediation.

4.0 SUPPLEMENTAL WORK PERFORMED

The following sections describe the work that was conducted in accordance with the approved February 2022 SRIWP.

4.1 SOIL BORINGS

Based on previous results described in the 2018 draft RIR, Stantec oversaw the advancement of three interior borings (identified as B-110, B-113, and B-114) and two exterior borings (identified as B-7 and B-9) on June 7 and 8, 2022. The three interior locations were chosen because previous sampling showed concentrations of cVOCs at levels exceeding SCOs. The two exterior locations were chosen based on their locations beyond/outside the presumed source area inside the building. Locations of the borings are shown on Figure 3A. Boring logs are included in Appendix B.

Drilling was conducted by Aquifer Drilling and Testing (ADT) using a Geoprobe® rig. For safety reasons, each location was cleared for shallow utilities prior to drilling using an air-knife to a depth of five feet. Borings were subsequently advanced to pre-determined depths as described in the February 2022 SRIWP. Soil samples were collected continuously for field characterization and field screening for VOCs using a properly calibrated PID. Due to tight access issues, a smaller Geoprobe rig was needed at the B-114 location, an alcove area where the former dry cleaning machine was reported to be located and operated. Due to the tight soils encountered, this smaller rig was not powerful enough to advance beyond 5 feet, so only the shallow soil sample (from 1 to 2 feet) was collected. The proposed deeper sample (at 14 feet) was not collected.

Soil samples were selected from each boring from the previous sampled depths, as described below, and submitted to a New York-certified laboratory for analysis. It is important to note that the previous soil samples were collected from discrete depth intervals since they were only being tested for VOCs. In order to have sufficient volumes of soil for the analyses required for this supplemental investigation, sample intervals of 12-inches were required.

- B-7 7.5 ft bls;
- B-9 7.5 ft bls;
- B-110 6.5 ft bls and 14.5 ft bls;
- B-113 6.5 ft bls, and 12.9 ft bls; and
- B-114 1.0 ft bls.

The soil samples were submitted for laboratory analyses of VOCs, SVOCs, TAL Metals, PCBs, Pesticides, and emerging contaminants (PFAS and 1,4-dioxane). The laboratory results, in NYS Category B data deliverable format, were subsequently submitted to a third party for data validation and preparation of a Data Usability Summary Report (DUSR). The DUSR and laboratory report are included in Appendix C. Results are discussed in Section 5.3.1.

During the drilling of B-113, a soil sample was also collected from the saturated interval between 15 and 18 feet below ground surface. This soil core was submitted to Stantec's treatability testing facility in Sylvania, Ohio for natural oxidant demand (NOD) and soil reductant demand (SRD) testing as a means to conduct preliminary evaluation of potential remediation strategies.

Lastly, soil samples collected during previous drilling activities were sent to a state-certified laboratory for grain size analysis. The samples for grain size analysis were selected to span the range of geologic strata types observed. These grain size distribution results are presented in Appendix D.

4.2 MONITORING WELL INSTALLATION

During the June 2022 drilling event, Stantec oversaw the drilling and construction of an additional monitoring well at the B-113 location to allow for additional collection of field water level measurements and groundwater samples for laboratory analysis. This well, identified as MW-113 on Figure 3B, was located inside the rear storage room. Due to access issues one well with a 15 foot screened interval (from 20 to 5 ft bls) was constructed instead of a shallow/deep well pair. The well was subsequently developed to reduce the amount of fines in the wells. Well completion details are presented in Table 1 and in the boring logs Appendix B.

On September 29, 2022, Control Point Associates, Inc (CPA), a New York State licensed land surveyor, surveyed the horizontal location and vertical elevations (ground surface and top of PVC riser measuring point) of the newly installed well MW-113 indoors at the rear of the lower level dry cleaners operations area, and tied the data into the Site base. The horizontal datum was the New York State Plane Coordinate system, North American Datum (NAD 83). The vertical elevation datum was the North American Vertical Datum, 1988 (NAVD 88) in feet above mean sea level (ft MSL). The resurveying was conducted to get all well elevations corrected to NAVD 88. The surveyed elevations are incorporated into Tables 1 and 2.

4.3 GROUNDWATER SAMPLING

Groundwater samples were collected from 13 of the 14 existing wells from June 27 to 30, 2022. Prior to sampling, depths to water were measured in all site wells. At well MW-201S, although depth to water was measured at 11.91 feet below top of PVC, an obstruction was reported at 12 feet. Therefore, this well was not sampled in June 2022. Instead, Stantec and ADT flushed out and redeveloped this well on August 12, 2022. During this redevelopment, there was no evidence that the well screen was damaged (i.e., no filter sand entering the well). Stantec therefore returned to the Site on August 30, 2022 (at least 14 days after redevelopment) to purge and sample this well only. Water levels were also measured at all site wells on August 30th.

Each of the monitoring wells was purged and sampled using low-flow sampling techniques in accordance with USEPA Region II guidance document entitled "Groundwater Sampling Procedure, Low Stress (Low Flow) Purging and Sampling". The monitoring wells were low-flow purged prior to sampling by evacuating groundwater at a rate between 120 and 280 milliliters per

minute for a minimum of 55 minutes or until stabilization of the field parameters occurred. Purging was conducted using a peristaltic pump, which was connected to polyethylene tubing within each well. Two samples from the shallow and deep zones were collected from MW-113 and are identified as MW-113S and MW-113D. Due to relatively high turbidity levels, samples for metals at all wells (except MW-101S and MW-201D) were also field filtered to allow the laboratory to analyze for both total and dissolved metals. Low flow sampling data sheets are presented in Appendix E.

The groundwater samples were collected in laboratory-prepared glassware containing an appropriate amount of preservative. Samples were labeled, packaged in ice packs, and delivered to Test America under standard chain of custody protocol. As mentioned in the 2018 draft RIR, the samples from November 2017 were analyzed for VOCs (8260B). The samples from June/August 2022 were analyzed for VOCs, nitrate and sulfate, SVOCs, TAL Metals, PCBs, Pesticides, and emerging contaminants (PFAS and 1,4-dioxane) as shown below.

- All wells for VOCs, nitrate and sulfate*;
- Nine wells (MW-1S, MW-1D, MW-2S, MW-2D, MW-101S, MW-101D, MW-113, MW-201S, and MW-201D) were analyzed for SVOCs, TAL Metals, PCBs, Pesticides, and emerging contaminants (PFAS and 1,4-dioxane. Again, two samples from MW-113 (MW-113S and MW-113D) were collected from the shallow and deep zones.

*The nitrate and sulfate analyses were requested by Stantec's remediation engineers as a preliminary means to evaluate potential remediation options or strategies.

For QA/QC purposes, additional samples consisting of a duplicate and a trip blank were also collected and submitted. The duplicate sample ("Dupe") was collected from MW-2S to evaluate the reproducibility of the laboratory analytical results. The trip blank accompanied the sample bottles during sampling activities to determine if samples and/or sample bottles were contaminated during shipment to, and/or from, the laboratory. A field blank, for PFAS analysis, was also collected. QA/QC results are described in Section 5.5 below. The laboratory results, in NYS Category B data deliverable format, were subsequently submitted to a third party for data validation and preparation of a DUSR. The DUSR and laboratory report from the June 2022 event are included in Appendix F. The laboratory report and DUSR from the August 2022 event are included in Appendix G.

4.4 VAPOR INTRUSION SAMPLING

Vapor intrusion sampling was conducted by Stantec throughout the investigation work. In June, July, and October 2013 as well as in March 2017 and February 2018, both indoor air (IA) and sub slab soil gas (SSSG) samples were collected in both the former dry cleaner and Bank units. These samples were utilized to confirm the need for, and refine the final designs, of the SSDSs installed in the two units. In January and October 2019 only IA samples were collected to evaluate the air quality in the two units after the installation of the SSDSs. In March 2022 both IA and SSSG samples were collected to further evaluate the concentrations of cVOCs in the indoor air and beneath

the slabs in each of the two units. As mentioned previously, the System C SSDS in the former Bank was relocated due to this unit being renovated into a Rehabilitation Center.

Details of this overall work are presented in Stantec's Interim Remedial Measures-Construction Completion Report (draft), dated August 12, 2022. Based on the overall results, Stantec concluded that the SSDSs, including the relocated System C, are operating as intended and installed and creating a vacuum under the former dry cleaner and pertinent area of the Rehab Center.

4.5 CONTAMINATED MATERIALS REMOVAL – SOIL AND GROUNDWATER

As discussed in the 2018 draft RIR, environmental investigations identified low levels of cVOCs in soil samples collected from inside the former dry cleaner space. As the SSDS construction-related activities were conducted in the former dry cleaner unit, soils from the trenches were excavated and placed in 55-gallon drums.

The concrete floor slab that existed under the upper/front portion of the former dry cleaner unit was saw cut and removed in June 2018. The concrete floor slab in the lower/rear portion of the former dry cleaner and in the kitchen of the Bank was saw cut and removed in January 2019. The slab was found to be approximately 6 to 8-inches think in the former dry cleaner and approximately 12-inches thick in the bank. The concrete was removed and staged in a roll-off onsite.

In June 2018 and January 2019 approximately 19 cy of soil were removed from the trenches and suction pit. The soils were very dense and required a small portable jack-hammer to loosen them prior to removal, by hand shovel. There was no visible staining or odors.

The excavated soils were placed in 55-gallon drums and temporarily staged outside in the rear parking lot. The soils from the June 2018 work were sampled and analyzed in accordance with approvals by the disposal company (Lorco). The drums were removed by Lorco for disposal at Clean Earth of New Jersey as non-hazardous waste. The soils from the 2019 work were also sampled and analyzed in accordance with approvals by Lorco and have been transported and disposed off-site.

Soils from the June 2022 drilling and purge water from the June 2022 groundwater sampling and August 2022 redevelopment and sampling of well MW-201S were also placed in labeled 55-gallon drums and subsequently transported and disposed off-site in accordance with approvals by Lorco.

4.6 DATA VALIDATION AND MANAGEMENT

The soil, groundwater, sub-slab vapor, soil vapor, and indoor air samples were analyzed by Test America. Test America is accredited under the NYSDOH environmental lab approval program and provided analytical results in NYS Category B data deliverable format. The laboratory reports were subsequently submitted to a third party (Stantec's Project Chemist) for validation in accordance with New York State Analytical Service Protocols (ASP). Data usability summary

reports (DUSRs), which documented the adequacy of the analytical data, were subsequently prepared by Stantec. The DUSRs, described herein are included in Appendices C (June 2022 soils), F (June 2022 groundwater), and G (August 2022 groundwater). Results are discussed in Section 5.3.2.

5.0 RESULTS

5.1 GEOLOGY

According to available maps and information, Long Island is part of the Atlantic Coastal Plain Geomorphic Province, which stretches north and south along the east coast. Long Island is primarily a ridge of direct contact glacial and glacial outwash sediments that almost completely cover the underlying Cretaceous sedimentary bedrock. The area in the vicinity of the Site is underlain by marine and fluvial sediments which have been subjected to glaciation. Long Island topography, therefore, is glacial topography, with little or no influence from the underlying bedrock.

The soils encountered during this investigation consisted of fill material (silty fine to coarse sand and gravel) from ground surface to approximately 5 to 7 feet bls at various locations. Underlying the fill, or in those locations where fill was not observed, the soils encountered consisted of silty fine to medium sand. A gray clay unit was encountered at depths ranging from 38 feet bls at MW-2D to 46 feet bls at MW-101D. Bedrock was not encountered in any of the borings drilled at this Site.

The data indicate the water table to be about 5 to 12 feet below ground and located primarily in the fill material in the vicinity of the dormer dry cleaner and pack parking lot, and in the sand horizon in the vicinity of 10th Avenue.

5.2 SITE HYDROLOGY

5.2.1 Shallow Horizontal Flow and Gradients

Depths to groundwater, as measured in Site monitoring wells, typically ranged from 5 to 12 feet below ground surface. Historic data indicated groundwater elevation and flow are not influenced by tidal action.

Depths to groundwater measured during groundwater sampling activities (November 2017 and June 2022) ranged from approximately 2 to 13 feet bls in the shallow wells and from 5 to 13 ft bls in the deep wells (see Table 2). The corresponding measuring point elevations (top of PVC well riser in feet MSL) were used to derive groundwater elevations shown in Table 2 and the Groundwater Contour Maps Shallow and Deep wells (Figure 4A to 4D). As shown on Figures 4A to 4D, groundwater flow in both the shallow and deep overburden converges from northwest, west, and south-southeast towards the Site.

Horizontal hydraulic gradients in the shallow zone range from 0.04 ft/ft on the northern side of the Site to 0.15 ft/ft in the vicinity of 10th Avenue. This steep gradient is shown by the elevations at MW-101S (14.78 ft MSL) and MW-201S (10.63 ft bls). Gradients in the deep zone are more consistent at 0.112 ft/ft throughout the Site. Comparing the elevations in Figure 4A to 4B and 4C to 4D indicate the shallow water table is about 3 to 4 feet higher than the deep.

5.2.2 Vertical Hydraulic Flow and Gradients

Water level elevations derived during the site investigations have been used to calculate vertical hydraulic gradients for the several well pairs at the Site and are presented in Table 2A. As shown in Table 2A, water level elevations in the shallow wells are consistently greater than elevations in the corresponding deep wells, which indicates downward vertical gradients.

5.2.3 Permeabilities

Rising head permeability tests were conducted on MW-1S and MW-2S by Whitestone in November 2008 and presented in the Remedial Investigation Report and Supplemental Remedial Investigation Workplan, dated December 24, 2008. The results of that permeability (hydraulic conductivity) testing are also presented in Table 3 and show hydraulic conductivities ranged from 5.25×10^{-2} cm/sec to 1.39×10^{-1} cm/sec (149 ft/day to 394 ft/day).

Samples for sieve analyses were also collected from several borings drilled inside the former dry cleaner unit to estimate the hydraulic conductivities of the top several feet of soils encountered. Results of the sieve analyses are presented in Appendix D and Table 4.

The relationship between conductivity and grain size requires the choice of a representative grain-size diameter (Freeze and Cherry, 1979). A simple, and apparently durable, empirical relation is described by the formula:

$K = A(d10)^2$

where:

- K: Hydraulic conductivity in cm/s.
- d_{10}: The grain-size diameter, in mm, at which 10% by weight of the soil particles are finer and 90% are coarser. The d_{10} value is taken directly from the gradation curves.
- A: A constant; for K in cm/s and d_{10} in mm, the coefficient A is equal to 1.0.

As shown in Appendix D and Table 4, the d_{10} fraction was extrapolated from the gradation curves for those samples collected in the top several feet of silty sand from borings B-110, B-112, B-113, B-114, and B-115. The d_{10} fraction was able to be calculated directly from the gradation curve from the sample collected at 13.5 to 14.5 feet bls from B-111. The calculated hydraulic conductivities, based on grain-size distribution, are also listed in Table 4. This method calculated conductivities in the shallow silty sand material from 0.3 ft/day (1.0×10^{-4} cm/sec) to 1.1 ft/day (4.0×10^{-4} cm/sec). The deeper sand at B-111 had conductivity calculated at 0.5 ft/day (1.6×10^{-4} cm/sec).

5.3 LABORATORY ANALYTICAL RESULTS

5.3.1 Soil Analytical Results

5.3.1.1 Volatile Organic Compounds (VOCs)

Analytical results for VOCs from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5A. A spider map depicting VOC exceedances of SCOs is presented as Figure 5. Soil quality data from previous investigations, presented in Appendix A, had no exceedances so are not shown on Figure 5.

As shown on Table 5A and Figure 5, concentrations of VOCs from samples collected during the 2022 soil borings were reported at levels exceeding SCOs at B-113 only as shown below.

The individual VOCs exceeding SCOs in the 2022 soil samples included:

		SCO (mg/kg)
• PCE	5.8 J mg/kg at B-113 (12.5-13.5 ft)	1.3

As described in the 2018 draft RIR, previous soil sampling showed exceedances of SCOs in four borings (in six of the twenty-nine samples). These six samples were from various depth intervals in B-109 (3.5 - 5.0 ft bls), B-110 (6.5 ft and 14.5 ft bls), B-113 (6.5 ft and 12.9 ft bls), and B-114 (1.0 ft bls).

The individual VOCs exceeding SCOs in the six soil samples included:

		SCO (mg/kg)
• Acetone	0.055 mg/kg at B-109 (3.5-5.0')	0.05
• Cis-1,2-DCE	0.31 mg/kg at B-110 (14.5 ft) 2.2 mg/kg at B-113 (12.9 ft)	0.25
• PCE	4.4 mg/kg at B-110 (6.5 ft) 1.4 mg/kg at B-110 (14.5 ft) 3.0 mg/kg at B-113 (6.5 ft) 52 mg/kg at B-113 (12.9 ft) 18 mg/kg at B-114 (1.0 ft)	1.3
• TCE	0.49 mg/kg at B-110 (6.5 ft) 4.1 mg/kg at B-113 (12.9 ft) 7.8 mg/kg at B-114 (1.0 ft)	0.47
• VC	0.056 mg/kg at B-113 (12.9 ft) 4.1 mg/kg at B-113 (12.9 ft)	0.02

The soil quality data show that soils impacted by the contaminants of concern (cVOCs including PCE and breakdown products TCE, cis-1,2-DCE, and VC) are located within the former dry cleaner unit and are not widespread across the Site area.

5.3.1.2 Semi Volatile Organic Compounds (SVOCs)

Analytical results for SVOCs from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5B. As shown, there were no SVOCs, including 1,4-dioxane reported above SCOs.

5.3.1.3 TAL Metals

Analytical results for TAL Metals from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5C. As shown, only nickel at a concentration of 36 mg/K at the shallow sample at B-113 (6 – 7') exceeded its SCO of 30 mg/kg. All other metals were reported at levels below laboratory reporting limits and/or below SCOS.

5.3.1.4 Polychlorinated Biphenyls (PCBs)

Analytical results for PCBs from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5D. As shown, PCBs were reported at levels below laboratory reporting limits.

5.3.1.5 Pesticides

Analytical results for pesticides from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5E. As shown, pesticides were reported at levels below laboratory reporting limits.

5.3.1.6 Per- and Polyfluoroalkyl substances (PFAS)

Analytical results for PFAS from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5F. As shown, PFAS were reported at levels below laboratory reporting limits.

5.3.1.7 Soil Oxidant and Reductant Demand

As mentioned in Section 4.1, a soil sample collected from 15-18 feet in B-113 was submitted to Stantec's treatability testing facility in Sylvania, Ohio for natural oxidant demand (NOD) and soil reductant demand (SRD) testing. The soil consisted of a fine to medium grain sand with some silt.

The screening results indicated low values for the individual analysis parameters. The NOD was determined to be 2.7 grams per kilogram (g/kg). The SRD was measured to be 5.8 g/kg. The relatively low NOD and SRD values indicate significant volumes of excess oxidant and/or carbon substrate solutions will not be required to overcome potential soil reactions during implementation

of any ISCO or ERD remediation program. In addition, identification of the daughter products cis-1,2-DCE and VC, during the groundwater monitoring events, indicates natural reductive dichlorination is occurring at the Site, an indigenous population of dehalococcoides bacteria is present, and the addition of a supplemental electron donor has the potential to stimulate and enhance an ERD application at the Site. Further evaluation and additional treatability testing are recommended for determining the optimal treatment alternative and providing design parameters for a potential full-scale field application for remediation of the contaminants of concern at the Site.

5.3.2 Groundwater Analytical Results

5.3.2.1 Volatile Organic Compounds (VOCs)

Analytical results for VOCs from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6A. Historical results are presented in Appendix A. The sampling locations are shown on Figure 3B. A spider map depicting exceedances of Groundwater Quality Standards (GWQS) is presented on Figure 6.

As shown on Figure 6, groundwater analytical results reported concentrations of cVOCs at levels exceeding GWQS at just three shallow wells (MW-1S, MW-2S, and MW-113S). Consistent with previous sampling, the specific chemicals of concern include PCE and its breakdown products (TCE, 1,1-DCE, cis-1,2-DCE, and VC). cVOCs at levels exceeding GWQS are also shown at six deep wells (MW-1D, MW-2D, MW-3D, MW-101D, MW-113D, and MW-201D). The specific contaminants of concern (COCs) are similar to the shallow wells (PCE and breakdown products) but levels of 1,1-dichloroethane (1,1-DCA), 1,2-DCA, and/or 1,1-dichloroethene (1,1-DCE) above GWQS are also shown in the deep wells.

The horizontal distribution of cVOC exceedances in the shallow wells appears to be within and to the north of (downgradient of), and in close proximity to, the former dry cleaner store unit at wells MW-113S (with the former dry cleaner), MW-1S (located about 15 feet to the north of the store) and MW-2S (located about 20 feet north-northeast of the store). Concentrations in MW-113S appear to be higher than MW-1S and MW-2S.

The horizontal distribution of cVOC exceedances in the deep wells appears to be slightly more widespread, extending 10 to 15 feet to the north and northeast of the store at MW-1D and MW-2D and approximately 40 feet to the southeast at MW-101D. At MW-101D, exceedances of cis-1,2 DCE and VC were detected. Detections of 1,1-DCA above GWQS is also shown at MW-101D. 1,2-DCA is reported above GWQS at MW-101D, MW-201D (10 feet south of the store), and MW-3D (70 feet north of the store) and apparently upgradient of the former drycleaner unit.

Concentrations of cVOCs are consistently higher (by at least an order of magnitude) in the shallow wells than in the deep wells. Data from four sampling events (October 2008, July 2013, November 2017, and June/August 2022) show an increase from October 2008 to July 2013 and then a decrease from July 2013 to June/August 2022.

The analytical data indicate that groundwater contamination is not widespread and may be decreasing. Like soil impacts, the distribution of exceedances of GWQS appears to be in wells located primarily within and to the north of the former dry cleaner unit.

5.3.2.2 Semi Volatile Organic Compounds (SVOCs)

Analytical results for SVOCs from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6B. As shown, SVOCs were reported at levels below laboratory reporting limits.

5.3.2.3 Semi Volatile Organic Compounds – SIM (SVOCs-SIM)

Analytical results for SVOCs via SIM analyses (to derive lower reporting limits) from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6C. As shown, SVOCs were reported at levels below laboratory reporting limits and/or GWQS.

5.3.2.4 TAL Metals

Analytical results for TAL Metal analyses from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6D. As shown, concentrations of total iron and total sodium were reported above GWQS in all samples. The corresponding levels of dissolved iron were much lower with only two samples (MW-101S and MW-201D) above GWQS. Levels of dissolved sodium were reported above GWQS in all samples. Levels of total magnesium were reported above GWQS in three upgradient wells (MW-101S, MW-101D, and MW-201S). Levels of dissolved magnesium were also reported above GWQS in MW-101D and MW-201S). Again, due to low turbidity, samples from MW101S were only analyzed for total metals. Levels of total manganese were reported above GWQS in seven wells located sporadically across the Site. Dissolved manganese was reported above GWQS in only four of the wells.

The data do not show a correlation between concentrations of metals in soils with metals in groundwater. For instance, as described above in Section 5.3.1.3 the concentration of nickel was reported above soil SCOS at B-113, but the concentrations of nickel in both the shallow and deep samples at MW-113 were below GWQS.

5.3.2.5 PCBs

Analytical results for PCBs from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6E. As shown, PCBs were reported at levels below laboratory reporting limits.

5.3.2.6 Pesticides

Analytical results for pesticides from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6F. As shown, pesticides were reported at levels below laboratory reporting limits.

5.3.2.7 PFAS

Analytical results for PFAS from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6G. As shown, Perfluorooctanesulfonic acid (PFOS) was reported at levels above its GWQS (10 nanograms per liter or ng/L) at three shallow wells (MW-2S, MW-101S, and MW-201S) and three deep wells (MW-1D, MW-101D, and MW-113D). Perfluorooctanoic acid (PFOA) was reported above its GWQS (10 ng/L) only one of the shallow wells (MW-101S) and the same three deep wells (MW-1D, MW-101D, and MW-113D). Note that wells MW-101S, MW-101D, and MW-201S are located upgradient within the 10th Avenue sidewalk.

5.3.2.8 Sulfate and Nitrate

Analytical results for sulfate and nitrate analyses (to evaluate potential remediation strategies) from the groundwater samples collected from monitoring wells at the Site in June/August 2022 are presented in Table 6H. As shown, sulfate and nitrate were reported at levels below laboratory reporting limits and/or GWQS.

5.3.3 Sub-Slab Soil Gas and Indoor Air Quality Results

As described in Section 4.4 soil gas (SG), sub-slab soil gas (SSSG), and indoor air quality (IAQ) samples were collected by Stantec at the Site from June 2013 to March 2022 as a means to conduct vapor intrusion investigations prior to and after installing SSDS in the former dry cleaner and Bank/Rehab Center. Historical analytical results for the SSSG and IA samples are presented in Appendix A and in Tables 7A and 7B, respectively.

Details of this overall work are presented in Stantec's Interim Remedial Measures-Construction Completion Report (draft), dated August 12, 2022. Results are briefly discussed below.

5.3.3.1 2013

As summarized in the Table 3 in Appendix A, sampling data from June, July, and October 2013 indicated that indoor air in the dry cleaner (AA-2) and Bank (AA-1) units contained a wide variety of chemical constituents. Sub-slab soil gas samples collected during these events from below the building concrete floor in the former dry cleaner (SG-1) and Bank (SG-4) units and in soil gas from the exterior sidewalk samples (SGP-5 and SGP-6) detected elevated concentrations of cVOCs and gasoline components. However, chemicals specific to the release conditions being investigated at the former dry cleaners (i.e., cVOCs) represented the highest detections in the sub-slab soil vapor and indoor air samples and were the only ones found at levels exceeding NYSDOH Indoor Air Standards.

In June, July, and October 2013, sub-slab vapor concentrations of PCE ranged from 2,610 to 16,614 ug/m3 (SG-1) and indoor air concentrations for PCE ranged from 166 to 468 ug/m3 (AA-2) in the former drycleaner unit. The 166 and 468 ug/m3 exceeded the NYSDOH Indoor Air Standard of 100 ug/m3 in place in June/July 2013 and the Standard of 30 ug/m3 in place in October 2013. The Standard was lowered from 100 to 30 ug/m3 in September 2013.

At the Bank unit, sub-slab concentrations of PCE in SG-4 ranged from 399 to 2,909 ug/m3 and indoor air concentrations of PCE in AA-1 were 45 ug/m3 in June 2013 and 0,34 ug/m3 in October 2013. These concentrations did not exceed the Standard in place at that time. Also at the Bank unit, TCE levels in AA-1 (5.27 ug/m3) exceeded the NYSDOH Indoor Air Standard of 5 ug/m3 in place at that time.

The concentrations of cVOCs in sub-slab vapor and indoor air in both units were evaluated using the NYSDOH Guidance for Evaluating Soil Vapor Intrusion Decision Matrix in place at that time. Based on the 2013 sub-slab and indoor air concentrations of PCE and TCE, the Decision Matrixes recommended mitigation.

5.3.3.2 March 2017

Former Dry Cleaner

One sub-slab soil gas and one indoor air samples were collected from the former dry cleaner space. The soil gas sample collected in the former dry cleaner unit (SG-1) had PCE and TCE reported at 2,400 ug/m3 and 750 ug/m3, respectively. The indoor air sample from the former dry cleaner space (identified as Cleaner) had PCE reported at 3.6 ug/m3 PCE; TCE was not detected.

Previously in 2013, the SG-1 location reported results from a high of 16,614 ug/m3 to a low of 2,610 ug/m3 for PCE and from a high of 1,102 ug/m3 to a low of 188 ug/m3 for TCE. The 2013 indoor air sample (AA-2) reported results from a high of 468 ug/m3 to a low of 166 ug/m3 for PCE and non-detect for TCE.

Stantec also evaluated the sub-slab and IAQ results in accordance with Section 3.4 (Decision Matrices) of the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 revised May 2017) to further compare sub-slab vapor with indoor air concentrations to develop recommended actions.

In the former dry cleaner, PCE was reported in the sub-slab sample (SG-1) at 2,400 ug/m^3 and in the indoor air sample (Cleaner) at 3.6 g/m^3, which would place this unit in action Category 8 (Mitigate).

Levels of TCE in the sub-slab (SG-1) and indoor air from the dry cleaner (Cleaner) were reported at 750 ug/m^3 and non-detect (less than 0.21 ug/m^3). Due to the elevated levels in SG-1, this unit falls in action Category 7 (i.e., Mitigate).

Former Bank

Three sub-slab soil gas and two indoor air samples were collected in the Bank unit. The soil gas sample collected near the front entrance (SG-6A) reported 2.7 ug/m3 of PCE; TCE was non-detect. The soil gas sample in the customer area of the bank floor (SG-6) reported 5.7 ug/m3 PCE and 0.49 ug/m3 TCE. The results from the sub-slab soil gas probe located at the rear of the Bank

near the wall separating the bank from the former dry cleaners (SG-4), reported 72 ug/m3 PCE and 6.8 ug/m3 TCE.

The indoor air sample collected between SG-6 and SG-6A, identified as Bank 1, had PCE reported at 2.6 ug/m3 PCE; TCE was not detected. A second indoor air sample (identified as Bank 2) located near SG-4 had PCE reported at 2.4 ug/m3 PCE; TCE was not detected. These levels did not exceed the Standard of 30 ug/m3.

Previously in 2013, the SG-4 location reported results from a high of 2,909 ug/m3 to a low of 399 ug/m3 for PCE and from a high of 54 ug/m3 to a low of 7.42 ug/m3 for TCE. The 2013 indoor air sample at this Bank location (AA-1) had PCE reported from a high of 45 ug/m3 to a low of non-detect and TCE from a high of 5 ug/m3 to a low of non-detect.

Levels of TCE were reported in the sub-slab samples in the Bank from the customer area (SG-6) at 0.49 ug/m3 and near the front entrance (SG-6A) as non-detect (less than 0.21 ug/m^3). The corresponding indoor air sample (Bank 1) also reported TCE at non-detect (less than 0.21 ug/m^3), placing this compound in Category 1 (i.e., No further action). Levels of TCE in the sub-slab sample at the rear of the Bank near the wall separating the bank from the former dry cleaners (SG-4) were reported at 6.8 ug/m^3 and in the indoor air sample (Bank 2) at non-detect (less than 0.21 ug/m^3). These values place this compound in this portion of the Bank in Category 4 (i.e., No further action).

In the Bank unit, PCE was reported in the sub-slab samples at 5.7, 2.7 and 72 ug/m^3 (all < 100 ug/m^3) and in the two indoor air samples at 2.6 and 2.4 ug/m^3, which would place the Bank unit in Category 1 (No Further Action).

5.3.3.3 February 2018

Stantec considered the results and conclusions from the March 2017 sampling event (i.e., Mitigate at the former dry cleaner and No Further Action at the Bank and conducted another "winter heating season" sampling event in February 2018.

Former Dry Cleaner

In addition to the same sub-slab and indoor air samples in the dry cleaner (SG-1 and Cleaner), two additional IAQ samples were collected in the front portion (closest to 10th Avenue) of the dry cleaner. These two additional samples (identified as Cleaner 2 and Cleaner 3) were collected because the owner is planning to partition the former dry cleaner unit into two lease units and begin leasing the front portion sometime in the summer of 2018. Therefore, two IAQ samples were collected in this front portion to obtain more specific data.

VOCs were detected in each of the sub-slab soil gas and indoor air samples. PCE was detected in the sub-slab soil gas sample (SG-1) at 75 ug/m^3. TCE was detected in SG-1 at 97 ug/m^3. Compared to the March 2017 results, the February 2018 results showed a decrease in detected concentrations of PCE and TCE in sub-slab soil gas from the former dry cleaner. During this event

vinyl chloride in sub-slab soil gas from the former cleaner (78 ug/m^3 in SG-1). Vinyl chloride was not detected in any sub-slab soil gas collected in March 2017.

Low concentrations of VOCs were detected in each indoor air sample. Consistent with the March 2017 event, TCE was not detected (less than 0.19 ug/m^3) in any of the three indoor air samples. PCE was detected in the former dry cleaner at levels of 2.1 ug/m^3 (Cleaner), 6.0 ug/m^3 (Cleaner 2), and 7.0 ug/m^3 (Cleaner 3). Although the concentrations of PCE detected in indoor air in February 2018 were slightly higher than in March 2017, all results were well below the guidance value of 30 ug/m^3 for PCE.

Stantec also evaluated the February 2018 sub-slab soil gas and IAQ results in the context of the NYSDOH Decision Matrices to further compare sub-slab vapor with indoor air concentrations and to further develop recommended actions.

TCE was detected in sub-slab soil gas at 97 ug/m^3 (SG-1) but was not detected (less than 0.19 ug/m^3) in any of the three indoor air samples from the dry cleaner (Cleaner, Cleaner 2, and Cleaner 3). The concentration of TCE in sub-slab soil gas puts this unit in Decision Matrix A in action Category 7 (i.e., Mitigate).

PCE was detected in the sub-slab sample at 75 ug/m^3 in SG-1 and in the indoor air samples 2.1, 6.0, and 7.0 ug/m^3 in Cleaner, Cleaner 2, and Cleaner 3. This would place the former dry cleaner in Decision Matrix B in Categories 1 and 2 (No further Action).

Vinyl chloride was not detected in the three indoor air samples from the former cleaner (less than 0.089 ug/m3). However, the concentration of vinyl chloride detected in the sub-slab soil gas (78 ug/m3) puts this unit in Decision Matrix C, Category 5 (Mitigate).

Former Bank

In the Bank, only two (SG-6, SG-6A) of the three SSSG probes were sampled Samples were not collected from SG-4 inside the Bank due to water being observed flowing through the probe tubing and into the Summa Canister. It was assumed that the cause of this water was influence from high water table at the time of collection. The same indoor air locations (Bank 1 and Bank 2) were sampled.

PCE was detected in sub-slab soil gas samples from the Bank (86 and 87 ug/m^3 in SG-6 and SG-6A). TCE was detected in sub-slab soil gas samples in the Bank (4.6 ug/m^3 in SG-6 only. Compared to the March 2017 results, the February 2018 results showed an increase in concentrations of PCE and TCE in sub-slab soil gas from the Bank. Vinyl chloride was also detected only from one of the two sub-slab samples (3.8 ug/m^3 in SG-6). Vinyl chloride was not detected in any sub-slab soil gas collected in March 2017.

Low concentrations of VOCs were detected in each indoor air sample. Consistent with the March 2017 event, TCE was not detected (less than 0.19 ug/m^3) in any of the February 2018 indoor air samples. PCE was detected in indoor air from the Bank at levels of 3.7 ug/m^3 (Bank 1) and 4.3

ug/m^3 (Bank 2). Although the concentrations of PCE detected in indoor air in February 2018 were slightly higher than in March 2017, all results were well below the guidance value of 30 ug/m^3 for PCE.

TCE was detected at 4.6 ug/m^3 in sub-slab soil gas sample SG-6 but was not detected (less than 1.9 ug/m^3) in SG-6A and was not detected (less than 0.19 ug/m^3) in indoor air from the Bank. According to Matrix A, the sub-slab and indoor air results for the bank put this unit in Category 1 (i.e., No further action).

PCE was detected in the sub-slab samples at levels of 86 ug/m3 in SG-6 and 87 ug/m3 in SG-6A and in the indoor air samples at 3.7 in Bank1 and 4.3 ug/m3 in Bank 2). This would place the Bank in Category 2 (No further action).

Vinyl chloride was reported at concentrations of 3.8 ug/m3 in SG-6 and non-detect (less than 0.089 ug/m3) in SG-6A and non-detect in the two indoor air samples (less than 0.089 ug/m3). This would place the Bank in Category 1 (No further action).

5.3.3.4 March 2022

Former Dry Cleaner

On March 29, 2022, Stantec collected indoor air quality (IAQ) samples at three locations in the former dry cleaner unit (identified as Cleaner, Cleaner 2, and Cleaner 3). On March 30, 2022, Stantec collected sub-slab soil gas (SSSG) samples from three sub-slab probes in the former dry cleaner (VMP-2R, VMP-3R, and VMP-4R).

Levels of PCE in the SSSG samples were 43 ug/m3 in VMP-2R, 13 J ug/m3 in VMP-3R, and 380 ug/m3 in VMP-4R. TCE concentrations were 6.0 ug/m3 in VMP-2R, non-detect in VMP-3R, and 3.9 ug/m3 in VMP-4R. Note that this is the first time these three probes have been sampled. The results indicate that PCE remains in the sub-slab soil gas beneath the former cleaner.

Levels of PCE in the IA were 0.20 J ug/m3 in the lower storage area (Cleaner) and 0.21 J ug/m3 and non-detect (1.4 U ug/m3) in the upper renovated space (Cleaner 2 and Cleaner 3, respectively). Not that the "J" indicates an estimated value. TCE was not detected at the laboratory reporting limit of 0.19 ug/m3 in any of the three IAQ samples in the former dry cleaner.

The TCE levels in the sub-slab samples in the former dry cleaner ranged from 1.9 U mg/m3 to 6.0 ug/m3. Levels in the indoor air samples were non-detect at 0.19 U (i.e., < 0.2 mg/m3). This would place TCE in Category 4 (i.e., No further action).

PCE in sub-slab samples in the former dry cleaner ranged from 13 J ug/m3 to 380 ug/m3. Levels in the indoor air samples ranged from non-detect (at 0.19 ug/m3) to 0.21 J ug/m3. This would place PCE in Category 4 (i.e., No further action).

Former Bank/Rehab Center

On March 29, 2022, Stantec collected IA samples at the two locations in the former Bank (Bank-1 and 2). On March 30, 2022, Stantec collected SSSG samples from six of the seven probes in the former Bank (SG-6, SG-6A, and SG-9 to SG-12). A soil gas sample was attempted at SG-4 but was terminated after water was observed flowing through the tubing into the Summa Canister.

On April 29, 2022, Stantec returned to the Site and tested the SSDSs. During this event, a soil gas sample was again attempted at SG-4 but was terminated after water was again observed flowing through the tubing into the Summa Canister. Stantec, therefore, cored through the sub-slab and set a permanent Vapor Pin approximately 8 feet to the northeast of the original location of SG-4. The new location for SG-4 was behind the door of the break room, so that it would be accessible, but out of the way for tenants. A successful SSSG sample was then collected.

PCE concentrations in the probes in the Rehab Center were not detected (at a method detection limit of 14 ug/m3) in all probes except SG-6, where PCE was reported at 3.8 J ug/m3. The April results reported PCE at SG-4 at 6.2 J ug/m3.

TCE was not detected (at a method detection limit of 1.9 ug/m3) in all probes except SG-10, where TCE was reported at 1.6 J ug/m3. The levels show a decreasing trend in SG-6 and SG-6A. This was the first time SG-9 to SG-12 have been sampled. TCE elves at SG-4 were not detected (at a method detection limit of 1.9 ug/m3) April 2022. These levels show a decreasing trend at this location.

Levels of PCE in the IA samples from the Rehab Center were reported at 0.19 J ug/m3 in the gym area (Bank 1) and non-detect in the break room (Bank 2). TCE was also reported as non-detect in both Bank 1 and Bank 2 samples.

Levels of TCE were reported in the sub-slab samples in the Bank/Rehab Center as non-detect (at 1.9 U ug/m3) in all samples except SG-10 (1.6 ug/3). TCE in the indoor air samples from the Bank were non-detect (at 0.19 U ug/m3). This would place TCE in Category 1 (i.e., No further action).

PCE was reported in the sub-slab samples in the Bank as non-detect (at 14 U ug/m3) in all samples except SG-4 (6.2 ug/m3) and SG-6 (3.8 ug/m3). PCE in the indoor air samples from the Bank were non-detect (at 0.19 U ug/m3). This would place PCE in Category 1 (i.e., No further action).

5.4 POTENTIAL FOR HUMAN EXPOSURE

As described in this Draft Remedial Investigation Report, numerous VOCs were detected in one or more samples of soil, groundwater, sub-slab soil vapor, soil gas, and indoor air. Of those compounds present in environmental media on the Site, chlorinated VOCs associated with historical releases of dry cleaning fluids are the primary constituents of concern at the site. The specific contaminants of concern are PCE, TCE, Cis-1,2-DCE, 1,1-DCE, and vinyl chloride.

For the chlorinated VOCs in groundwater, soil, sub-slab soil gas, soil gas, and indoor air to pose a risk to human health (USEPA, 1997), there must be completed pathways of exposure by which people can come into direct physical contact with the environmental media containing the contaminants of concern. If there are no completed pathways of exposure under current or future conditions, there is no risk.

There are no completed pathways of exposure to cVOCs in groundwater. Groundwater beneath the Site is not used for potable or non-potable purposes.

Direct contact with cVOCs in soil is limited by pavement and building foundations. Although incidental exposure to cVOCs in soil and shallow groundwater may occur during future excavation work, this pathway is currently incomplete.

The only complete pathway of exposure that cannot be ruled out is inhalation of cVOCs migrating from subsurface sources to indoor air. The concentrations of cVOCs detected in indoor air in March 2017, February 2018, and March 2022 do not pose an unacceptable risk to people currently working within the lease units. However, the concentrations of PCE, TCE and vinyl chloride detected in sub-slab soil vapor beneath the Bank/Rehab Center and former cleaner could be a potential source of exposure if conditions in the subsurface change in the future.

As discussed above, evaluation of the sub-slab soil gas and indoor air sample results in the context of the NYSDOH Soil Vapor/Indoor Air matrices indicate that Mitigation is required based on the concentrations of TCE and vinyl chloride detected in sub-slab soil gas beneath the former dry cleaner lease unit.

5.5 QA/QC SUMMARY

During the June 2022 soil sampling, one duplicate sample ("Dupe") was collected from B-113 (12.5 – 13.5'). As described in the DUSR (Appendix C) the relative percent differences (RPDs) were within acceptable limits, with the exception of with the exception of cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethane, Calcium and Magnesium. Laboratory results for the Trip Blank (for VOCs only), the Equipment Blank (all tests), and Field Blank (all tests) were all non-detect.

During the June 2022 groundwater sampling, one duplicate one duplicate sample ("Dupe") was collected from MW-2S. As described in the DUSR (Appendix D) the relative percent differences (RPDs) were within acceptable limits, with the exception total aluminum, dissolved aluminum, and total chromium. Trip blanks accompanied the samples collected during each of the three days and were analyzed for VOCs only. The laboratory results for two the trip blanks were all non-detect. Results from the third trip blank had methylene chloride and toluene detected at estimated levels of 0.8 and 0.6 ug/L. Laboratory results for the Equipment Blank (all tests), also reported methylene detected at an estimated level of 1.5 ug/L. Results for the Field Blank (PFAS only) were all non-detect.

6.0 CONCLUSIONS

The overall soil, groundwater, and vapor quality data continue to show that these media within and just downgradient (to the north) of the former dry cleaner Site are impacted by cVOCs. The soils and groundwater impacted by VOCs appear to be within, or downgradient, of the former dry cleaner. Detected levels of sub-slab vapors also appear to extend beneath the former dry cleaner and to the former Bank/Rehab Center abutting the eastern side of the former dry cleaner. The extent of sub-slab vapors underlying the former Bank appears to be approximately 5 to 10 feet horizontally under this portion of the former Bank/Rehab Center (in the vicinity of SG-4). Levels of SVOCs, TAL Metals, PCBs, pesticides and 1,4-dioxane in soil and groundwater samples were reported at levels below laboratory reporting limits and/or below SCOs and GWQS.

PFAS were reported at levels below laboratory reporting limits in all soil samples. Levels of PFOS and PFOA were reported at levels above GWQS in a few shallow and deep monitoring wells, including upgradient wells. However, the lack of detections in soils along with the distribution of in groundwater suggest impacts to groundwater are not Site related.

Concentration of PCE and TCE detected in sub-slab soil gas indoor air inside the former dry cleaner and the Bank lease units were below NYSDOH levels of concern for people working within those spaces and suggest decreasing levels. This is most likely due to the influence of the SSDSs.

7.0 RECOMMENDATIONS

Based on the results of these supplemental remedial investigations potential recommendations or follow up activities related to the Site include:

- Conduct additional groundwater quality samples for VOCs on a semi-annual basis to evaluate trends.
- Evaluate institutional/engineering controls to prevent exposure to underlying soils, groundwater, and sub slab vapors (i.e., routine maintenance of paved parking lot areas and the SSDSs).
- Inspect and measure SSDS pressure at various sub-slab vapor points on a monthly basis;
- Conduct annual round of sub-slab and indoor air quality samples and analyze for VOCs by TO-15, during winter heating season (between December and March);
- Conduct an operation, maintenance, and monitoring (OM&M) on the SSDS and report on the need to maintain system operations on an annual basis).
- Evaluate the soil and groundwater quality in terms of developing options for remediation

LIMITATIONS

1. The conclusions presented in this report are based on soil and water data collected from widely-spaced explorations targeting areas of suspected contamination based on Stantec's site reconnaissance and review of available information.

2. Soil and water samples were analyzed for suspected parameters based on available information indicating the types of operations that have been performed and the suspected types of chemicals used and stored at the Site. Other operations or uses may have occurred at the Site that were not identified in our review of available information or were not communicated during interviews with knowledgeable individuals at the site.

3. Soil contaminant concentrations may fluctuate due to subsurface heterogeneities, variations in moisture content, biodegradation, natural attenuation, seasonal variations, and other factors.

4. Sampling methods employed were selected to meet the objectives of identifying the potential presence of subsurface contamination and are consistent with standard industry practice.

5. No environmental site assessment can wholly eliminate uncertainty regarding the existence of contamination in connection with a property. This study was designed to reduce, but not wholly eliminate, uncertainty regarding the existence of such conditions in a manner that recognizes reasonable limits of time and cost. Based on the scope of work, Stantec cannot warrant subsurface conditions in areas not tested.

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TABLES

Table 1
Well Construction Details
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Well No	Date of Installation	Grnd Surf Elev * (ft MSL)	Top of PVC Elev * (ft MSL)	Northing	Easting	Total Depth (ft bls)	Depth to Clay (ft bls)	Well Diameter (in)	Depth to Screened Interval Bot (ft bls)		Top (ft bls)	Elevation of Clay (ft MSL)	Elevation of Screened Interval Bot (ft MSL)		Top (ft MSL)
MW-1S	9/11/2008	19.2	18.45	228,493.77	1,037,307.67	17	NE	2	17	-	2	NE	2.2	-	17.2
MW-1D	9/11/2008	19.2	18.98	228,494.02	1,037,314.55	40	39	2	35	-	30	-19.8	-15.8	-	-10.8
MW-2S	9/11/2008	18.9	18.72	228,495.94	1,037,350.13	19	NE	2	19	-	4	NE	-0.1	-	14.9
MW-2D	9/11/2008	18.9	18.83	228,496.02	1,037,353.01	40	38	2	35	-	30	-19.1	-16.1	-	-11.1
MW-3S	10/2/2008	17.3	17.03	228,555.65	1,037,314.84	17	NE	2	17	-	2	NE	0.3	-	15.3
MW-3D	10/2/2008	17.4	17.03	228,550.95	1,037,313.85	35	NE	2	35	-	30	NE	-17.6	-	-12.6
MW-101S	6/18/2013	23.8	23.63	228,418.45	1,037,366.83	21	NE	2	21	-	11	NE	2.8	-	12.8
MW-101D	6/18/2013	23.8	23.43	228,417.62	1,037,372.56	48	46	2	45	-	40	-22.2	-21.2	-	-16.2
MW-102S	6/19/2013	24.0	23.23	228,344.97	1,037,431.52	25	NE	2	21	-	11	NE	3.0	-	13.0
MW-102D	6/19/2013	24.1	23.36	228,346.50	1,037,427.17	55	39	2	35	-	30	-14.9	-10.9	-	-5.9
MW-103D	6/18/2013	18.9	18.58	228,604.26	1,037,271.87	40	39	2	38	-	33	-20.1	-19.1	-	-14.1
MW-113	6/8/2022	20.1	19.69	228,469.90	1,037,320.82	20	NE	2	20	-	5	NE	0.1	-	15.1
MW-201S	9/13/2017	23.8	23.55	228,414.26	1,037,338.49	20	NE	2	20	-	10	NE	3.8	-	13.8
MW-201D	9/13/2017	23.8	23.61	228,416.82	1,037,336.50	40	39.5	2	39	-	34	-15.7	-15.2	-	-10.2

Notes:
* Surveyed by Control Point Associates in February 2018
Horizontal Datum: New York State Plane Coordinate System Long Island Zone, NA Datum 1983 (NAD 83)
Vertical Datum: North American Vertical Datum, 1988 (NAVD 88).

ft MSL = feet above Mean Sea Level (NAVD 88 Datum)
ft bls = feet below land surface
in = inches
ft = feet
NE = Not Encountered

MW-1S/D to MW-3S/D installed by Whitestone Associates, Inc
MW-101S/D to MW-201S/D installed by Stantec Consulting Services

Table 2
Groundwater Level Data
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Well No	Date of Installation	Grnd Surf Elev (ft MSL)	Top of PVC Elev (ft MSL)	Date	Depth to Water (ft TOP)	Water Level Elev. (ft MSL
MW-1S	9/11/2008	19.2	18.45	07/10/13	NM	NM
MW-1S	9/11/2008	19.2	18.45	03/09/17	NM	NM
MW-1S	9/11/2008	19.2	18.45	11/07/17	5.87	12.58
MW-1S	9/11/2008	19.2	18.45	02/21/18	4.72	13.73
MW-1S	9/11/2008	19.2	18.45	06/27/22	5.35	13.10
MW-1S	9/11/2008	19.2	18.45	08/30/22	5.82	12.63
MW-1D	9/11/2008	19.2	18.98	07/10/13	NM	NM
MW-1D	9/11/2008	19.2	18.98	03/09/17	NM	NM
MW-1D	9/11/2008	19.2	18.98	11/07/17	8.17	10.81
MW-1D	9/11/2008	19.2	18.98	02/21/18	8.15	10.83
MW-1D	9/11/2008	19.2	18.98	06/27/22	7.97	11.01
MW-1D	9/11/2008	19.2	18.98	08/30/22	7.96	11.02
MW-2S	9/11/2008	18.9	18.72	07/10/13	5.88	12.84
MW-2S	9/11/2008	18.9	18.72	03/09/17	5.80	12.92
MW-2S	9/11/2008	18.9	18.72	11/07/17	6.72	12.00
MW-2S	9/11/2008	18.9	18.72	02/21/18	6.04	12.68
MW-2S	9/11/2008	18.9	18.72	06/27/22	5.69	13.03
MW-2S	9/11/2008	18.9	18.72	08/30/22	6.35	12.37
MW-2D	9/11/2008	18.9	18.83	07/10/13	6.72	12.11
MW-2D	9/11/2008	18.9	18.83	03/09/17	7.00	11.83
MW-2D	9/11/2008	18.9	18.83	11/07/17	8.04	10.79
MW-2D	9/11/2008	18.9	18.83	02/21/18	8.04	10.79
MW-2D	9/11/2008	18.9	18.83	06/27/22	7.78	11.05
MW-2D	9/11/2008	18.9	18.83	08/30/22	7.84	10.99
MW-3S	10/2/2008	17.3	17.03	07/10/13	NM	NM
MW-3S	10/2/2008	17.3	17.03	03/09/17	6.85	10.18
MW-3S	10/2/2008	17.3	17.03	11/07/17	1.86	15.17
MW-3S	10/2/2008	17.3	17.03	02/21/18	1.52	15.51
MW-3S	10/2/2008	17.3	17.03	06/27/22	1.85	15.18
MW-3S	10/2/2008	17.3	17.03	08/30/22	2.01	15.02
MW-3D	10/2/2008	17.4	17.03	07/10/13	5.11	11.92
MW-3D	10/2/2008	17.4	17.03	03/09/17	6.81	10.22
MW-3D	10/2/2008	17.4	17.03	11/07/17	5.58	11.45
MW-3D	10/2/2008	17.4	17.03	02/21/18	5.48	11.55
MW-3D	10/2/2008	17.4	17.03	06/27/22	5.06	11.97
MW-3D	10/2/2008	17.4	17.03	08/30/22	5.31	11.72
MW-101S	6/18/2013	23.8	23.63	07/10/13	8.72	14.91
MW-101S	6/18/2013	23.8	23.63	03/09/17	8.14	15.49
MW-101S	6/18/2013	23.8	23.63	11/07/17	8.85	14.78
MW-101S	6/18/2013	23.8	23.63	02/21/18	7.51	16.12
MW-101S	6/18/2013	23.8	23.63	06/27/22	8.28	15.35
MW-101S	6/18/2013	23.8	23.63	08/30/22	9.14	14.49

Table 2
Groundwater Level Data
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Well No	Date of Installation	Grnd Surf Elev (ft MSL)	Top of PVC Elev (ft MSL)	Date	Depth to Water (ft TOP)	Water Level Elev. (ft MSL
MW-101D	6/18/2013	23.8	23.43	07/10/13	11.63	11.80
MW-101D	6/18/2013	23.8	23.43	03/09/17	11.69	11.74
MW-101D	6/18/2013	23.8	23.43	11/07/17	12.74	10.69
MW-101D	6/18/2013	23.8	23.43	02/21/18	12.65	10.78
MW-101D	6/18/2013	23.8	23.43	06/27/22	12.33	11.10
MW-101D	6/18/2013	23.8	23.43	08/30/22	12.44	10.99
MW-102S	6/19/2013	24.0	23.23	07/10/13	7.05	16.18
MW-102S	6/19/2013	24.0	23.23	03/09/17	NM	NM
MW-102S	6/19/2013	24.0	23.23	11/07/17	7.41	15.82
MW-102S	6/19/2013	24.0	23.23	02/21/18	5.91	17.32
MW-102S	6/19/2013	24.0	23.23	06/27/22	6.82	16.41
MW-102S	6/19/2013	24.0	23.23	08/30/22	7.78	15.45
MW-102D	6/19/2013	24.1	23.36	07/10/13	11.23	12.13
MW-102D	6/19/2013	24.1	23.36	03/09/17	NM	NM
MW-102D	6/19/2013	24.1	23.36	11/07/17	11.75	11.61
MW-102D	6/19/2013	24.1	23.36	02/21/18	9.32	14.04
MW-102D	6/19/2013	24.1	23.36	06/27/22	11.57	11.79
MW-102D	6/19/2013	24.1	23.36	08/30/22	11.75	11.61
MW-103D	6/18/2013	18.9	18.58	07/10/13	5.98	12.60
MW-103D	6/18/2013	18.9	18.58	03/09/17	6.38	12.20
MW-103D	6/18/2013	18.9	18.58	11/07/17	7.32	11.26
MW-103D	6/18/2013	18.9	18.58	02/21/18	7.27	11.31
MW-103D	6/18/2013	18.9	18.58	06/27/22	6.92	11.66
MW-103D	6/18/2013	18.9	18.58	08/30/22	6.97	11.61
MW-113	6/6/2022	NYD	NYD	07/10/13	NYD	NYD
MW-113	6/6/2022	NYD	NYD	03/09/17	NYD	NYD
MW-113	6/6/2022	NYD	NYD	11/07/17	NYD	NYD
MW-113	6/6/2022	NYD	NYD	02/21/18	NYD	NYD
MW-113	6/6/2022	20.1	19.69	06/27/22	8.38	11.31
MW-113	6/6/2022	20.1	19.69	08/30/22	8.39	11.30
MW-201S	9/13/2017	23.8	23.55	07/10/13	NYD	NYD
MW-201S	9/13/2017	23.8	23.55	03/09/17	NYD	NYD
MW-201S	9/13/2017	23.8	23.55	11/07/17	12.92	10.63
MW-201S	9/13/2017	23.8	23.55	02/21/18	12.80	10.75
MW-201S	9/13/2017	23.8	23.55	06/27/22	11.91	11.64
MW-201S	9/13/2017	23.8	23.55	08/30/22	12.64	10.91
MW-201D	9/13/2017	23.8	23.61	07/10/13	NYD	NYD
MW-201D	9/13/2017	23.8	23.61	03/09/17	NYD	NYD
MW-201D	9/13/2017	23.8	23.61	11/07/17	12.98	10.63
MW-201D	9/13/2017	23.8	23.61	02/21/18	12.91	10.70
MW-201D	9/13/2017	23.8	23.61	06/27/22	12.59	11.02
MW-201D	9/13/2017	23.8	23.61	08/30/22	12.84	10.77

Table 2
Groundwater Level Data
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Well No	Date of Installation	Grnd Surf Elev (ft MSL)	Top of PVC Elev (ft MSL)	Date	Depth to Water (ft TOP)	Water Level Elev. (ft MSL

Notes:
ft MSL = Feet ablove Mean Sea Level
ft TOP = feet below Top of PVC riser (aka measuring point)
NM = Not Measured.
NYD = Not Yet Drilled

Table 2A
Vertical Hydraulic Gradients at Well Pairs
Former Johnny On the Spot Cleaner
Whitestone, NY

Date	Mid-Pt Screen Elev (ft MSL	Mid-Pt Screen Elev (ft MSL	Water Level Elev. (ft MSL	Water Level Elev. (ft MSL	Vertical Hydraulic Gradient (ft/ft)
	MW-1S (WT)	MW-1D (DOB)	MW-1S (WT)	MW-1D (DOB)	
07/10/13	9.7	-13.3	NM	NM	NM
03/09/17	9.7	-13.3	NM	NM	NM
11/07/17	9.7	-13.3	12.58	10.81	-7.70E-02
02/21/18	9.7	-13.3	13.73	10.83	-1.26E-01
06/27/22	9.7	-13.3	13.10	11.01	-9.09E-02
08/30/22	9.7	-13.3	12.63	11.02	-7.00E-02
	MW-2S (WT)	MW-2D (DOB)	MW-2S (WT)	MW-2D (DOB)	
07/10/13	7.4	-13.5	12.84	12.11	-3.49E-02
03/09/17	7.4	-13.5	12.92	11.83	-5.22E-02
11/07/17	7.4	-13.5	12.00	10.79	-5.79E-02
02/21/18	7.4	-13.5	12.68	10.79	-9.04E-02
06/27/22	7.4	-13.5	13.03	11.05	-9.47E-02
08/30/22	7.4	-13.5	12.37	10.99	-6.60E-02
	MW-3S (WT)	MW-3D (DOB)	MW-3S (WT)	MW-3D (DOB)	
07/10/13	7.8	-15.1	NM	11.92	NM
03/09/17	7.8	-15.1	10.18	10.22	1.75E-03
11/07/17	7.8	-15.1	15.17	11.45	-1.62E-01
02/21/18	7.8	-15.1	15.51	11.55	-1.73E-01
06/27/22	7.8	-15.1	15.18	11.97	-1.40E-01
08/30/22	7.8	-15.1	15.02	11.72	-1.44E-01
	MW-101S (WT)	MW-101D (DOB)	MW-101S (WT)	MW-101D (DOB)	
07/10/13	7.8	-18.7	14.91	11.80	-1.17E-01
03/09/17	7.8	-18.7	15.49	11.74	-1.42E-01
11/07/17	7.8	-18.7	14.78	10.69	-1.54E-01
02/21/18	7.8	-18.7	16.12	10.78	-2.02E-01
06/27/22	7.8	-18.7	15.35	11.10	-1.60E-01
08/30/22	7.8	-18.7	14.49	10.99	-1.32E-01

Table 2A

Vertical Hydraulic Gradients at Well Pairs
Former Johnny On the Spot Cleaner
Whitestone, NY

Date	Mid-Pt Screen Elev (ft MSL	Mid-Pt Screen Elev (ft MSL	Water Level Elev. (ft MSL	Water Level Elev. (ft MSL	Vertical Hydraulic Gradient (ft/ft)
	MW-102S (WT)	MW-102D (DOB)	MW-102S (WT)	MW-102D (DOB)	
07/10/13	8.0	-8.4	16.18	12.13	-2.47E-01
03/09/17	8.0	-8.4	NM	NM	NM
11/07/17	8.0	-8.4	15.82	11.61	-2.57E-01
02/21/18	8.0	-8.4	17.32	14.04	-2.00E-01
06/27/22	8.0	-8.4	16.41	11.79	-2.82E-01
08/30/22	8.0	-8.4	15.45	11.61	-2.34E-01
	MW-201S (WT)	MW-201D (DOB)	MW-201S (WT)	MW-201D (DOB)	
07/10/13	8.8	-12.7	NYD	NYD	NM
03/09/17	8.8	-12.7	NYD	NYD	NM
11/07/17	8.8	-12.7	10.63	10.63	0.00E+00
02/21/18	8.8	-12.7	10.75	10.70	-2.33E-03
06/27/22	8.8	-12.7	11.64	11.02	-2.88E-02
08/30/22	8.8	-12.7	10.91	10.77	-6.51E-03

Notes:

ft MSL = Feet ablove Mean Sea Level
ft/ft = feet per foot
WT = Water Table
DOB = Deep Overburden
NYI = Not yet installed
NM = Not Measured
- = Downward vertical gradient
Blank Space = Vertical grdients not calculateddue to water levels not measured and/or wells not installed.

Table 3
Permeability Results
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

RESULTS FROM PREVIOUS INVESTIGATION

Well	Type of Test	Date of Test	Hydraulic Conductivity (cm/sec)	(ft/day)	Stratagraphic Unit
MW-1S	Rising Head	11/3/2008	1.08E-01	306.1	F - M SAND
	Rising Head	11/3/2008	1.39E-01	394.0	F - M SAND
MW-2S	Rising Head	11/3/2008	5.25E-02	148.8	F - M SAND
	Rising Head	11/3/2008	6.75E-02	191.3	F - M SAND
		Average	9.18E-02	260.1	

TABLE 4
Sieve Sample/Conductivity Results
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Location	Type of Test	Material	Sample Depth (ft BLS)	% Gravel	% Sand	% Silt & Clay	d_{10}[1]	Hydraulic Conductivity (K) (cm/sec)[2]	(ft/day)
Shallow Overburden									
B-110	Sieve Analysis	Silty Sand	0.5 - 1.5	3.9	60.0	36.1	**0.0100**	1.0E-04	0.3
B-111	Sieve Analysis	Well Graded sand with Silt	13.5 - 14.5	0.3	90.1	9.6	0.0803	6.4E-03	18.3
B-112	Sieve Analysis	Silty Sand	2 - 4	7.0	61.6	31.4	**0.0100**	1.0E-04	0.3
B-113	Sieve Analysis	Silty Sand	5.5 - 7.5	7.5	65.0	27.5	**0.0200**	4.0E-04	1.1
B-114	Sieve Analysis	Silty Sand	1 - 3	2.4	65.6	32.0	**0.0100**	1.0E-04	0.3
B-115	Sieve Analysis	Silty Sand	1.5 - 3.5	5.8	57.7	36.5	**0.0100**	1.0E-04	0.3
						AVERAGE SILTY SAND MATERIAL		1.6E-04	0.5
						AVERAGE SHALLOW OVERBURDEN		1.2.E-03	3.4

1 = d10 values in **bold** derived by extrapolating the gradation curve. High percentage of fines prevents direct calculation of d10 with this method. Hydrometer analysis not performed.

2 = $K = A(d_{10})^{2}$ (Freeze and Cherry, 1979)
A = 1

Table 5A
Summary of Soil Analytical Results: VOCs
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
		Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
		Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
		Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		Dilution Factor	1		1		1		1		1		50		1		50	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs by EPA Method 8260B	**Units**	**NYSDEC SCO**																
1,1,1-Trichloroethane	ug/kg	680	0.23	U	0.19	U	0.25	U	0.34	U	0.18	U	30	U	0.22	U	27	U
1,1,2,2-Tetrachloroethane	ug/kg	600 *	0.21	U	0.18	U	0.23	U	0.31	U	0.17	U	21	U	0.2	U	19	U *+
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	NS	0.30	U	0.25	U	0.33	U	0.44	U	0.24	U	36	U	0.28	U	33	U
1,1,2-Trichloroethane	ug/kg	NS	0.18	U F1	0.15	U	0.19	U	0.26	U	0.14	U	22	U	0.16	U	20	U
1,1-Dichloroethane	ug/kg	270	0.20	U	0.17	U	0.22	U	0.30	U	0.16	U	25	U	0.19	U	23	U
1,1-Dichloroethene	ug/kg	330	0.22	U	0.18	U	0.24	U	0.33	U	0.18	U	28	U	0.21	U	26	U
1,2,3-Trichlorobenzene	ug/kg	20,000 *	0.18	U	0.15	U	0.20	U	0.27	U	0.14	U	37	U	0.17	U	34	U
1,2,4-Trichlorobenzene	ug/kg	3,400 *	0.35	U	0.29	U	0.39	U	0.52	U	0.28	U	29	U	0.33	U	26	U
1,2-Dibromo-3-Chloropropane	ug/kg	NS	0.45	UJ	0.38	U	0.50	U	0.67	U	0.36	U	22	U	0.43	U	21	U
1,2-Dichlorobenzene	ug/kg	1,100	0.36	U	0.30	U	0.39	U	0.53	U	0.29	U	23	U	0.33	U	21	U
1,2-Dichloroethane	ug/kg	20	0.29	UJ	0.24	U	0.32	U	0.43	U	0.23	U	26	U	0.27	U	24	U
1,2-Dichloropropane	ug/kg	700,000 *	0.42	U	0.35	U	0.46	U	0.62	U	0.34	U	19	U	0.39	U	17	U
1,3-Dichlorobenzene	ug/kg	2,400	0.36	U	0.30	U	0.40	U	0.54	U	0.29	U	35	U	0.34	U	32	U
1,4-Dichlorobenzene	ug/kg	1,800	0.22	U	0.18	U	0.24	U	0.33	U	0.18	U	35	U	0.21	U	32	U
1,4-Dioxane	ug/kg	100	9.1	U *3	7.5	U *-	10	U *-	13	U *-	7.3	U *-	3000	U	8.5	U *3	2700	U *+
2-Butanone (MEK)	ug/kg	120	0.36	U	0.30	U	0.40	U	0.54	U	0.29	U	230	U	0.34	U	210	U
2-Hexanone	ug/kg	NS	1.7	U	1.4	U	1.9	U	2.5	U	1.4	U	120	U	1.6	U	110	U
4-Methyl-2-pentanone (MIBK)	ug/kg	1,000 *	1.5	U	1.3	U	1.7	U	2.3	U	1.2	U	140	U	1.4	U	130	U
Acetone	ug/kg	50	40	J	5.1		18		42		12		470	U	38		430	U
Benzene	ug/kg	60	0.25	U	0.21	U	0.28	U	0.38	U	0.20	U	21	U	0.24	U	20	U
Bromoform	ug/kg	NS	0.42	UJ	0.35	U	0.46	U	0.62	U	0.34	U	19	UJ	0.39	U	17	UJ
Bromomethane	ug/kg	NS	0.99	U	0.82	U	1.1	U	1.5	U	0.79	U	58	U	0.93	U	54	U
Carbon disulfide	ug/kg	2,700 *	0.26	U	0.22	U	0.29	U	0.39	U	1.0		71	U	0.25	U	65	U
Carbon tetrachloride	ug/kg	760	0.38	U	0.32	U	0.42	U	0.57	U	0.31	U	35	UJ	0.36	U	32	UJ
Chlorobenzene	ug/kg	1,100	0.17	U	0.15	U	0.19	U	0.26	U	0.14	U	25	U	0.16	U	23	U
Chlorobromomethane	ug/kg	NS	0.28	U F1	0.23	U	0.30	U	0.41	U	0.22	U	32	U *-	0.26	U	29	U *-
Chlorodibromomethane	ug/kg	NS	0.19	U F1	0.16	U	0.21	U	0.28	U	0.15	U	23	U	0.18	U	21	U
Chloroethane	ug/kg	1,900 *	0.52	U	0.43	U	0.57	U	0.77	U	0.41	U	39	U	0.48	U	36	U
Chloroform	ug/kg	370	0.96	U F1	0.80	U	1.1	U	1.4	U	0.77	U	23	U	0.90	U	21	U
Chloromethane	ug/kg	NS	0.43	U	0.36	U	0.47	U	0.64	U	0.34	U	42	U	0.40	U	39	U
cis-1,2-Dichloroethene	ug/kg	250	0.35	U	17		170		0.52	U	9.4		130	J	0.90	NJ	**520**	J
cis-1,3-Dichloropropene	ug/kg	NS	0.27	U	0.22	U	0.30	U	0.40	U	0.22	U	23	U	0.25	U	22	U
Cyclohexane	ug/kg	NS	0.22	U	0.18	U	0.24	U	0.32	U	0.18	U	27	U	0.20	U	25	U
Dichlorobromomethane	ug/kg	NS	0.25	U	0.21	U	0.28	U	0.38	U	0.20	U	16	U	0.24	U	15	U
Dichlorodifluoromethane	ug/kg	NS	0.33	UJ	0.28	UJ	0.37	UJ	0.50	UJ	0.27	UJ	33	UJ	0.31	U	30	U
Ethylbenzene	ug/kg	1,000	0.2	U	0.16	U	0.22	U	0.29	U	0.16	U	32	U	0.18	U	29	U
Ethylene Dibromide	ug/kg	NS	0.18	U F1	0.15	U	0.20	U	0.26	U	0.14	U	20	U	0.17	U	18	U

Table 5A
Summary of Soil Analytical Results: VOCs
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
		Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
		Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
		Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		Dilution Factor	1		1		1		1		1		50		1		50	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs by EPA Method 8260B	**Units**	**NYSDEC SCO**																
Isopropylbenzene	ug/kg	2,300 *	0.28	U	0.23	U	0.42	NJ	0.42	U	0.23	U	34	U	0.26	U	31	U
Methyl acetate	ug/kg	NS	4.2	UJ	3.5	U	4.7	U	6.3	U	3.4	U	83	U	4.000	U	76	U
Methyl tert-butyl ether	ug/kg	930	0.51	U F1	0.42	U	0.56	U	0.75	U	0.41	U	23	U	0.47	U	21	U
Methylcyclohexane	ug/kg	NS	0.49	U	0.41	U	0.54	U	0.73	U	0.40	U	77	U	0.46	U	70	U
Methylene Chloride	ug/kg	50	1.1	U	0.94	U	1.2	U	1.7	U	0.91	U	22	U	1.1	U	20	U
m-Xylene & p-Xylene	ug/kg	260	0.17	U	0.14	U	0.19	U	0.26	U	0.14	U	30	U	0.16	U	27	U
o-Xylene	ug/kg	260	0.19	U	0.16	U	0.21	U	0.28	U	0.15	U	34	U	0.18	U	31	U
Styrene	ug/kg	300,000 *	0.27	U	0.23	U	0.30	U	0.41	U	0.22	U	18	U	0.26	U	16	U
Tetrachloroethene	ug/kg	1,300	0.3	U	33		400		0.45	U	97		**5,800**	J	0.60	NJ	**18,000**	J
Toluene	ug/kg	700	0.23	U	0.19	U	0.25	U	0.34	U	0.19	U	26	U	0.22	U	24	U
trans-1,2-Dichloroethene	ug/kg	190	0.24	U	0.20	U	0.75	NJ	0.36	U	0.19	U	19	U	1.0		17	U
trans-1,3-Dichloropropene	ug/kg	NS	0.26	U F1	0.22	U	0.29	U	0.39	U	0.21	U	23	U	0.25	U	22	U
Trichloroethene	ug/kg	470	0.32	U	1.8		35		0.47	U	16		350	J	0.30	U	**1,100**	J
Trichlorofluoromethane	ug/kg	NS	0.4	U	0.33	U	0.44	U	0.60	U	0.32	U	34	U	0.38	U	31	U
Vinyl chloride	ug/kg	20	0.54	U	0.45	U	0.59	U	0.80	U	0.43	U	21	U	0.51	U	19	U
Total VOCs	mg/kg	NS	40		56.9		624.17		42		135.4		6,280		40.5		19,620	

Notes:

ug/Kg = micrograms per kilogram = parts per billion (ppb)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCCR Table 375-6.8(a), 12/16/06.
* Supplemental Soil Cleanup Objectives from CP-51/Soil Cleanup Guidance Table 1, 10/21/10.
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

Laboratory Qualifiers
*- : LCS and/or LCSD is outside acceptance limits, low biased.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*3 : ISTD response or retention time outside acceptable limits.
F1 : MS and/or MSD recovery exceeds control limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+" = Indicates an estimated positive result that should be higher. According to the math of the matrix data, more of that analyte is present than what was reported.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 5B
Summary of Soil Analytical Results: SVOCs
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
		Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
		Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
		Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		Dilution Factor	1		1		1		1		1		50		1		50	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs by EPA Method 8270C	**Units**	**NYSDEC SCO**																
1,1'-Biphenyl	ug/Kg	NS	84	NJ	13	U	12	U	12	U	12	U	13	U	13	U	13	U
1,2,4,5-Tetrachlorobenzene	ug/kg	NS	11	U F1	12	U	11	U	11	U	11	U	12	U	12	U	11	U
1,4-Dioxane	ug/kg	100	31	U	32	U	31	U	31	U	31	U	32	U	32	U	32	U
2,2'-oxybis[1-chloropropane]	ug/kg	NS	6.4	U	6.7	U	6.5	U	6.3	U	6.4	U	6.7	U	6.7	U	6.5	U
2,3,4,6-Tetrachlorophenol	ug/kg	NS	24	U F1	25	U	24	U	24	U	24	U	25	U	25	U	25	U
2,4,5-Trichlorophenol	ug/kg	100 *	36	U F1	38	U	36	U	36	U	36	U	38	U	38	U	37	U
2,4,6-Trichlorophenol	ug/kg	10,000 *	46	U F1	47	U	46	U	45	U	45	U	47	U	48	U	46	U
2,4-Dichlorophenol	ug/kg	400 *	23	U	24	U	23	U	22	U	23	U	24	U	24	U	23	U
2,4-Dimethylphenol	ug/kg	NS	42	U	44	U	43	U	42	U	42	U	44	U	44	U	43	U
2,4-Dinitrophenol	ug/kg	200 *	170	U	180	U	180	U	170	U	170	U	180	U	180	U	180	U
2,4-Dinitrotoluene	ug/kg	NS	38	U F1	40	U	39	U	38	U	38	U	40	U	40	U	39	U
2,6-Dinitrotoluene	ug/kg	1,000 *	26	U F1	27	U	26	U	25	U	25	U	27	U	27	U	26	U
2-Chloronaphthalene	ug/kg	NS	16	U	17	U	17	U	16	U	16	U	17	U	17	U	17	U
2-Chlorophenol	ug/kg	800 *	13	U	13	U	13	U	12	U	13	U	13	U	13	U	13	U
2-Methylnaphthalene	ug/kg	36,400 *	940		10	U	10	U	9.8	U	9.8	U	10	U	10	U	10	U
2-Methylphenol	ug/kg	NS	13	U	14	U	13	U	13	U	13	U	14	U	14	U	14	U
2-Nitroaniline	ug/kg	400 *	27	U	28	U	27	U	27	U	27	U	28	U	28	U	28	U
2-Nitrophenol	ug/kg	300 *	36	U	37	U	36	U	35	U	35	U	37	U	37	U	36	U
3,3'-Dichlorobenzidine	ug/kg	NS	54	U	56	U	54	U	53	U	53	U	56	U	56	U	55	U
3-Nitroaniline	ug/kg	500 *	85	U	88	U	85	U	83	U	83	U	88	U	88	U	86	U
4,6-Dinitro-2-methylphenol	ug/kg	NS	150	U	150	U	150	U	140	U	140	U	150	U	150	U	150	U
4-Bromophenyl phenyl ether	ug/kg	NS	14	U F1	15	U	14	U	14	U	14	U	15	U	15	U	14	U
4-Chloro-3-methylphenol	ug/kg	NS	20	U F1	21	U	20	U	20	U	20	U	21	U	21	U	20	U
4-Chloroaniline	ug/kg	220 *	63	U	66	U	64	U	62	U	62	U	66	U	66	U	64	U
4-Chlorophenyl phenyl ether	ug/kg	NS	13	U F1	13	U	13	U	12	U	12	U	13	U	13	U	13	U
4-Methylphenol	ug/kg	NS	22	U	23	U	22	U	22	U	22	U	23	U	23	U	23	U
4-Nitroaniline	ug/kg	NS	41	U	42	U	41	U	40	U	40	U	42	U	42	U	42	U
4-Nitrophenol	ug/kg	100 *	58	U	60	U	58	U	57	U	57	U	60	U	60	U	59	U
Acenaphthene	ug/kg	20,000	67	NJ	11	U	10	U	10	U	10	U	11	U	11	U	10	U
Acenaphthylene	ug/kg	100,000	25	NJ	11	U	10	U	10	U	10	U	11	U	11	U	10	U
Acetophenone	ug/kg	NS	17	U	18	U	18	U	17	U	17	U	18	U	18	U	18	U
Anthracene	ug/kg	100,000	22	NJ	11	U	11	U	11	U	19	NJ	11	U	11	U	11	U
Atrazine	ug/kg	NS	21	U	22	U	21	U	21	U	21	U	22	U	22	U	21	U
Benzaldehyde	ug/kg	NS	59	UJ	61	UJ	59	UJ	58	UJ	58	UJ	61	UJ	61	UJ	60	UJ
Benzo[a]anthracene	ug/kg	1,000	12	U	31	NJ	12	U	12	U	22	NJ	13	NJ	13	U	13	U
Benzo[a]pyrene	ug/kg	1,000	9.5	U	22	NJ	9.5	U	9.3	U	9.4	U	9.8	U	9.9	U	9.6	U
Benzo[b]fluoranthene	ug/kg	1,000	9.2	U	33	NJ	9.3	U	9.1	U	19	NJ	9.6	U	10	NJ	9.4	U
Benzo[g,h,i]perylene	ug/kg	100,000	11	U	17	NJ	11	U	10	U	10	U	11	U	11	U	11	U
Benzo[k]fluoranthene	ug/kg	800	7	U	12	NJ	7	U	6.9	U	6.9	U	7.2	U	7.3	U	7.1	U
Bis(2-chloroethoxy)methane	ug/kg	NS	28	U	29	U	28	U	27	U	27	U	29	U	29	U	28	U
Bis(2-chloroethyl)ether	ug/kg	NS	12	U	13	U	12	U	12	U	12	U	13	U	13	U	13	U
Bis(2-ethylhexyl) phthalate	ug/kg	435,000 *	19	U	22	NJ	19	U	19	U	19	U	20	U	21	NJ	19	U
Butyl benzyl phthalate	ug/kg	122,000 *	17	U	17	U	17	U	16	U	16	U	17	U	17	U	17	U

Table 5B
Summary of Soil Analytical Results: SVOCs
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
		Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
		Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
		Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		Dilution Factor	1		1		1		1		1		50		1		50	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs by EPA Method 8270C	**Units**	**NYSDEC SCO**																
Caprolactam	ug/kg	NS	55	U	58	U	56	U	55	U	55	U	57	U	58	U	56	U
Carbazole	ug/kg	NS	14	U	14	U	14	U	13	U	13	U	14	U	14	U	14	U
Chrysene	ug/kg	1,000	6	U	31	NJ	6.1	U	5.9	U	15	NJ	7.4	NJ	6.3	U	6.1	U
Dibenz(a,h)anthracene	ug/kg	330	15	U	16	U	15	U	15	U	15	U	16	U	16	U	16	U
Dibenzofuran	ug/kg	NS	70	NJ	12	U	12	U	12	U	12	U	12	U	12	U	12	U
Diethyl phthalate	ug/kg	7,100 *	11	U F1	12	U	12	U	11	U	11	U	12	U	12	U	12	U
Dimethyl phthalate	ug/kg	2,700 *	81	U F1	84	U	81	U	80	U	80	U	84	U	84	U	82	U
Di-n-butyl phthalate	ug/kg	8,100 *	13	U	14	U	13	U	13	U	13	U	14	U	14	U	14	U
Di-n-octyl phthalate	ug/kg	120,000 *	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Fluoranthene	ug/kg	100,000	18	NJ	52	NJ	13	U	12	U	46	NJ	23	NJ	13	U	13	U
Fluorene	ug/kg	30,000	19	NJ	11	U	10	U	10	U	10	U	11	U	11	U	11	U
Hexachlorobenzene	ug/kg	1,400 *	17	U F1	18	U	17	U	17	U	17	U	18	U	18	U	17	U
Hexachlorobutadiene	ug/kg	NS	7.6	U	7.9	U	7.6	U	7.5	U	7.5	U	7.9	U	7.9	U	7.7	U
Hexachlorocyclopentadiene	ug/kg	NS	31	U	32	U	31	U	31	U	31	U	32	U	32	U	32	U
Hexachloroethane	ug/kg	NS	12	U	13	U	12	U	12	U	12	U	13	U	13	U	12	U
Indeno[1,2,3-cd]pyrene	ug/kg	500	14	U	45		14	U	14	U	14	U	14	U	27	NJ	14	U
Isophorone	ug/kg	4,400 *	100	U	110	U	100	U	100	U	100	U	110	U	110	U	100	U
Naphthalene	ug/kg	12,000	110	NJ	6.4	U	6.2	U	6.1	U	26	NJ	8.3	NJ	6.4	U	6.3	U
Nitrobenzene	ug/kg	170	20	U	21	U	20	U	19	U	20	U	20	U	21	U	20	U
N-Nitrosodi-n-propylamine	ug/kg	NS	26	U	27	U	26	U	25	U	26	U	27	U	27	U	26	U
N-Nitrosodiphenylamine	ug/kg	NS	29	U	30	U	29	U	29	U	29	U	30	U	30	U	30	U
Pentachlorophenol	ug/kg	800	73	U	76	U	73	U	72	U	72	U	76	U	76	U	74	U
Phenanthrene	ug/kg	100,000	290	NJ	38	NJ	11	NJ	11	NJ	74	NJ	41	NJ	13	NJ	25	NJ
Phenol	ug/kg	330	13	U	14	U	13	U	13	U	13	U	14	U	14	U	13	U
Pyrene	ug/kg	100,000	22	NJ	47	NJ	8.9	U	8.7	U	36	NJ	17	NJ	9.8	NJ	9	U
Total Conc	ug/kg	NS	1667		350		11		11		257		109.7		80.8		25	

Notes:

ug/Kg = micrograms per kilogram = parts per billion (ppb)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCCR Table 375-6.8(a), 12/16/06.
* Supplemental Soil Cleanup Objectives from CP-51/Soil Cleanup Guidance Table 1, 10/21/10.
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

Laboratory Qualifiers
F1 : MS and/or MSD recovery exceeds control limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+ = Indicates an estimated positive result that should be higher. According to the math of the matrix data, more of that analyte is present than what was reported.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 5C
Summary of Soil Analytical Results: TAL Metals
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
		Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
		Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
		Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		Dilution Factor	1		1		1		1		1		50		1		50	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
METALS BY 6020B	**Units**	**NYSDEC SCO**																
Aluminum	mg/Kg	10,000 *	3,580	J+	3,190		3,210		4,430		3,270		5,660		9,850		4,630	
Antimony	mg/kg	12 *	0.12	UJ	0.13	UJ	0.13	UJ	0.13	UJ	0.12	UJ	0.13	UJ	0.13	UJ	0.12	UJ
Arsenic	mg/kg	13	1.7		1.2		1.2		1.3		1.6		1.6		0.9		1.2	
Barium	mg/kg	350	37.0	J+	19.8		24.6		57.6		19.1		46		70.4		35.4	
Beryllium	mg/kg	7.2	0.24	NJ	0.17	NJ	0.16	NJ	0.20	NJ	0.12	NJ	0.33	NJ	0.26	NJ	0.26	NJ
Cadmium	mg/kg	2.5	0.094	U	0.1	U	0.099	U	0.098	U	0.096	U	0.1	U	0.11	NJ	0.091	U
Calcium	mg/kg	10,000 *	1,290		1,540		1,210		571		771		4,490	J	1,510		2,190	J
Chromium	mg/kg	30	14.1		16.8		12.3		14.1		12.3		22		15.8		17.5	
Cobalt	mg/kg	20 *	6.6	J+	3.2		3.5		8.4		5.4		6		3.4		5.6	
Copper	mg/kg	50	7.1		7.7		7.8		6.8		6.8		12		12.5		9.9	
Iron	mg/kg	2,000 *	31,200		7,170		10,500		23,100		3,650		16,100		6,830		12,200	
Lead	mg/kg	63	2		7.8		2.3		2		1.5		3.7		9.1		3.3	
Magnesium	mg/Kg	NS	942		1,300		1,360		1,180		2,430		4,310	J	1,760		2,500	J
Manganese	mg/kg	1,600	1,360		91.6		72.6		524		38.3		245		69		191	
Nickel	mg/kg	30	14.3	J+	14.6		16.7		12.2		**36**		22.8		10.7		18.3	
Potassium	mg/kg	NS	550		582		874		784		666		1850		739		1430	
Selenium	mg/kg	3.9	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.27	NJ	0.1	U
Silver	mg/kg	2	0.074	U	0.082	U	0.078	U	0.077	U	0.076	U	0.08	U	0.077	U	0.072	U
Sodium	mg/kg	NS	81.4	NJ	94.3		95.4		39.4	U	67	NJ	108		331		100	
Thallium	mg/kg	5 *	0.061	NJ	0.049	NJ	0.067	NJ	0.071	NJ	0.037	NJ	0.12	NJ	0.096	NJ	0.086	NJ
Vanadium	mg/kg	39 *	18.1	J+	15.8		15.1		16.6		11.4		26.3		13.2		22.1	
Zinc	mg/kg	109	18.6		16.6		16.2		15.4		10.2		26.7		33.4		20.4	
METALS BY 7471B																		
Mercury	mg/kg	0.18	0.0081	U F1	0.011	J	0.0085	U	0.0084	U	0.008	U	0.0083	U	0.034		0.0081	U

Notes:

ug/Kg = micrograms per kilogram = parts per billion (ppb)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCCR Table 375-6.8(a), 12/16/06.
* Supplemental Soil Cleanup Objectives from CP-51/Soil Cleanup Guidance Table 1, 10/21/10.
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

Laboratory Qualifiers
F1 : MS and/or MSD recovery exceeds control limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+ = Indicates an estimated positive result that should be higher. According to the math of the matrix data, more of that analyte is present than what was reported.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 5D
Summary of Soil Analytical Results:PCBs
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
		Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
		Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
		Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		Dilution Factor	1		1		1		1		1		50		1		50	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs by 8082A	**Units**	**NYSDEC SCO**																
Aroclor 1016	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor 1221	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor 1232	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor 1242	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor 1248	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor 1254	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor 1260	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor 1268	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
Aroclor-1262	ug/Kg	100	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U
	.																	
Total PCBs	ug/Kg	NS	19	U	20	U	19	U	19	U	19	U	20	U	20	U	19	U

Notes:

ug/Kg = micrograms per kilogram = parts per billion (ppb)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCCR Table 375-6.8(a), 12/16/06.
* Supplemental Soil Cleanup Objectives from CP-51/Soil Cleanup Guidance Table 1, 10/21/10.
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

Laboratory Qualifiers
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+ = Indicates an estimated positive result that should be higher. According to the math of the matrix data, more of that analyte is present than what was reported.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 5E
Summary of Soil Analytical Results: Pesticides
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
		Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
		Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
		Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		Dilution Factor	1		1		1		1		1		1		1		1	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PESTICIDES s by 8081B	**Units**	**NYSDEC SCO**																
4,4'-DDD	ug/Kg	3.3	1.2	U	1.3	U	1.2	U	1.2	U	1.2	U	1.3	U	1.3	U	1.2	U
4,4'-DDE	ug/Kg	3.3	0.85	U	0.88	U	0.85	U	0.84	U	0.84	U	0.88	U	0.88	U	0.86	U
4,4'-DDT	ug/Kg	3.3	1.3	U	1.4	U	1.3	U	1.3	U	1.3	U	1.4	U	1.4	U	1.3	U
Aldrin	ug/Kg	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
alpha-BHC	ug/Kg	20	0.73	U	0.76	U	0.73	U	0.72	U	0.72	U	0.76	U	0.76	U	0.74	U
beta-BHC	ug/Kg	36	0.81	U	0.84	U	0.81	U	0.79	U	0.8	U	0.84	U	0.84	U	0.82	U
Chlordane (technical)	ug/Kg	94	17	U	18	U	18	U	17	U	17	U	18	U	18	U	18	U
delta-BHC	ug/Kg	40	0.44	U	0.46	U	0.44	U	0.43	U	0.44	U	0.46	U	0.46	U	0.45	U
Dieldrin	ug/Kg	5	0.94	U	0.97	U	0.94	U	0.92	U	0.93	U	0.97	U	0.97	U	0.95	U
Endosulfan I	ug/Kg	2,400	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Endosulfan II	ug/Kg	2,400	1.9	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U	1.9	U
Endosulfan sulfate	ug/Kg	2,400	0.91	U	0.94	U	0.91	U	0.89	U	0.89	U	0.94	U	0.94	U	0.92	U
Endrin	ug/Kg	14	1	U	1.1	U	1	U	1	U	1	U	1.1	U	1.1	U	1	U
Endrin aldehyde	ug/Kg	NS	1.7	U	1.8	U	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.7	U
Endrin ketone	ug/Kg	NS	1.4	U	1.5	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
gamma-BHC (Lindane)	ug/Kg	NS	0.67	U	0.69	U	0.67	U	0.66	U	0.66	U	0.69	U	0.69	U	0.68	U
Heptachlor	ug/Kg	42	0.85	U	0.88	U	0.85	U	0.84	U	0.84	U	0.88	U	0.88	U	0.86	U
Heptachlor epoxide	ug/Kg	20 *	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Methoxychlor	ug/Kg	900,000 *	1.6	U	1.7	U	1.7	U	1.6	U	1.6	U	1.7	U	1.7	U	1.7	U
Toxaphene	ug/Kg	NS	26	U	27	U	26	U	26	U	26	U	27	U	27	U	26	U

Notes:

ug/Kg = micrograms per kilogram = parts per billion (ppb)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCCR Table 375-6.8(a), 12/16/06.
* Supplemental Soil Cleanup Objectives from CP-51/Soil Cleanup Guidance Table 1, 10/21/10.
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

Laboratory Qualifiers
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+ = Indicates an estimated positive result that should be higher. According to the math of the matrix data, more of that analyte is present than what was reported.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 5F
Summary of Soil Analytical Results: PFAS
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

			Client ID	B-7 (7'-8')		B-9 (7'-8')		B-110 (6'-7')		B-110 (12.5'-13.5')		B-113 (6'-7')		B-113 (12.5'-13.5')		B-114 (1'-2')		DUPE [B-113 (12.5'-13.5')]	
			Lab Sample ID	460-259668-1		460-259668-2		460-259668-5		460-259668-10		460-259668-6		460-259668-11		460-259668-8		460-259668-7	
			Sampling Date	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/8/2022		6/8/2022		6/8/2022		6/8/2022	
			Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			Dilution Factor	1		1		1		1		1		1		1		1	
				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS (by 537 Modified		**Units**	**NYSDEC SCO**																
6:2 Fluorotelomer sulfonic acid		ug/kg	NS	0.052	U	0.054	U	0.053	U	0.052	U	0.052	U	0.054	U	0.054	U	0.054	U
8:2 Fluorotelomer sulfonic acid		ug/kg	NS	0.018	U	0.019	U	0.018	U	0.018	U	0.018	U	0.019	U	0.019	U	0.019	U
N-ethylperfluoro-1-octanesulfonamide	NEtFOSA	ug/kg	NS	0.024	U	0.024	U	0.024	U	0.023	U	0.023	U	0.270		0.024	U	0.200	NJ
N-methylperfluoro-1-octanesulfonamide	NMeFOSA	ug/kg	NS	0.033	U	0.034	U	0.033	U	0.033	U	0.033	U	0.034	U	0.034	U	0.034	U
Perfluorobutanesulfonic acid	PFBS	ug/kg	NS	0.390	U	0.400	U	0.390	U	0.380	U	0.380	U	0.400	U	0.400	U	0.400	U
Perfluorobutanoic acid	PFBA	ug/kg	NS	0.034	NJ	0.027	U	0.026	U	0.025	U	0.025	U	0.027	U	0.027	U	0.026	U
Perfluorodecanesulfonic acid	PFDS	ug/kg	NS	0.022	U	0.023	U	0.023	U	0.022	U	0.022	U	0.023	U	0.023	U	0.023	U
Perfluorodecanoic acid	PFDA	ug/kg	NS	0.026	U	0.027	U	0.026	U	0.025	U	0.025	NJ	0.041	NJ	0.027	U	0.033	NJ
Perfluorododecanoic acid	PFDoA	ug/kg	NS	0.025	U	0.026	U	0.025	U	0.024	U	0.041	NJ	0.026	U	0.026	U	0.025	U
Perfluoroheptanesulfonic acid	PFHpS	ug/kg	NS	0.021	U	0.022	U	0.021	U	0.021	U	0.021	U	0.022	U	0.022	U	0.022	U
Perfluoroheptanoic acid	PFHpA	ug/kg	NS	0.026	U	0.027	U	0.026	U	0.025	U	0.025	U	0.027	U	0.027	U	0.026	U
Perfluorohexanesulfonic acid	PFHxS	ug/kg	NS	0.020	U	0.021	U	0.020	U	0.020	U	0.020	U	0.021	U	0.021	U	0.021	U
Perfluorohexanoic acid	PFHxA	ug/kg	NS	0.020	U	0.021	U	0.020	U	0.020	U	0.020	U	0.021	U	0.021	U	0.021	U
Perfluorononanoic acid	PFNA	ug/kg	NS	0.025	U	0.026	U	0.025	U	0.024	U	0.024	U	0.026	U	0.026	U	0.025	U
Perfluorooctanesulfonamide	FOSA	ug/kg	NS	0.022	U	0.023	U	0.023	U	0.022	U	0.059	NJ	0.023	U	0.023	U	0.042	NJ
Perfluorooctanesulfonic acid	PFOS	ug/kg	0.88	0.037	U	0.039	U	0.038	U	0.037	U	0.037	U	0.042	NJ	0.039	U	0.038	U
Perfluorooctanoic acid	PFOA	ug/kg	0.66	0.024	U	0.024	U	0.042	NJ	0.023	U	0.045	NJ	0.048	NJ	0.062	NJ	0.035	NJ
Perfluoropentanoic acid	PFPeA	ug/kg	NS	0.026	U	0.027	U	0.026	U	0.025	U	0.025	U	0.027	U	0.027	U	0.026	U
Perfluorotetradecanoic acid	PFTA	ug/kg	NS	0.026	U	0.027	U	0.026	U	0.025	U	0.025	U	0.027	U	0.027	U	0.026	U
Perfluorotridecanoic acid	PFTrDA	ug/kg	NS	0.022	U	0.023	U	0.023	U	0.022	U	0.022	U	0.023	U	0.023	U	0.023	U
Perfluoroundecanoic acid	PFUnA	ug/kg	NS	0.060	U	0.062	U	0.060	U	0.059	U	0.059	U	0.062	U	0.062	U	0.061	U

Notes:

ug/Kg = micrograms per kilogram = parts per billion (ppb)
NYSDEC SCO = Soil Cleanup Objectives from - Sampling, analysis, and assessment of per- and polyfluoroalkyl substances (PFAS), June 2021
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

Laboratory Qualifiers
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+ = Indicates an estimated positive result that should be higher. According to the math of the matrix data, more of that analyte is present than what was reported.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 6A
Summary of Groundwater Analytical Results: VOCs 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S		MW-1D		MW-2S		MW-2D		MW-3S		MW-3D		MW-101S		MW-101D		MW-102S	
		Lab Sample ID	460-261171-3		460-261171-4		460-261171-1		460-261171-2		460-261171-9		460-261171-10		460-260997-1		460-260997-2		460-260919-2	
		Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/30/2022		6/30/2022		6/28/2022		06/28/202		6/27/2022	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water	
		Dilution Factor	1		1		1		1		1		1		1		1		1	
VOCs by 8260D	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	ug/L	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	ug/L	5	0.26	U	1.2		0.26	U	0.26	U	0.26	U	0.66	N J	0.26	U	**5.4**		0.26	U
1,1-Dichloroethene	ug/L	5	0.34	NJ	0.82	N J	0.34	N J	0.26	U	0.26	U	0.26	U	0.26	U	1.7		0.26	U
1,2,3-Trichlorobenzene	ug/L	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	ug/L	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
1,2-Dichlorobenzene	ug/L	3	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
1,2-Dichloroethane	ug/L	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	**1.2**		0.43	U	**0.97**	N J	0.43	U
1,2-Dichloropropane	ug/L	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
1,3-Dichlorobenzene	ug/L	3	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
1,4-Dichlorobenzene	ug/L	3	0.33	U	1		0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.45	N J	0.33	U
1,4-Dioxane	ug/L	1	28	U	28	U	28	U	28	U	28	U	28	U	28	U	28	U	28	U
2-Butanone (MEK)	ug/L	50*	1.9	U	1.9	U *+	1.9	U *+	1.9	U *+	1.9	U *+	1.9	U *+	1.9	U	1.9	U	1.9	U
2-Hexanone	ug/L	50*	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	ug/L	50*	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	12	
Benzene	ug/L	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Bromoform	ug/L	50*	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	UJ	0.54	UJ
Bromomethane	ug/L	5	0.55	U J	0.55	UJ	0.55	UJ	0.55	UJ	0.55	UJ	0.55	UJ	0.55	U	0.55	U	0.55	U
Carbon disulfide	ug/L	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	ug/L	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	UJ	0.21	UJ
Chlorobenzene	ug/L	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	ug/L	NS	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chlorodibromomethane	ug/L	NS	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Chloroethane	ug/L	5	0.32	UJ	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	ug/L	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	ug/L	5	0.40	U	0.40	U	0.40	UJ	0.40	UJ	0.40	UJ	0.40	UJ	0.40	U	0.40	U	0.40	U
cis-1,2-Dichloroethene	ug/L	5	**160**		**79**		**62**		1.0		0.41	J	**11**		0.22	U	**12**		0.22	U
cis-1,3-Dichloropropene	ug/L	NS	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Cyclohexane	ug/L	NS	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	UJ	0.32	UJ
Dichlorobromomethane	ug/L	NS	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Dichlorodifluoromethane	ug/L	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	UJ	0.31	UJ
Ethylbenzene	ug/L	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
Ethylene Dibromide	ug/L	0.0006	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	ug/L	5	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Methyl acetate	ug/L	NS	0.79	U	0.79	UJ	0.79	UJ	0.79	UJ	0.79	UJ	0.79	U	0.79	U	0.79	U	0.79	U
Methyl tert-butyl ether	ug/L	NS	0.22	U	18		0.22	U	0.22	U	0.22	U	3.8		0.22	U	47		0.22	U
Methylcyclohexane	ug/L	NS	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	UJ	0.71	UJ
Methylene Chloride	ug/L	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
m-Xylene & p-Xylene	ug/L	NS	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
o-Xylene	ug/L	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
Styrene	ug/L	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	ug/L	5	**53**		**54**		**28**		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Toluene	ug/L	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	ug/L	5	1.3		0.79	N J	0.58	N J	0.24	U	0.24	U	0.24	U	0.24	U	0.72	N J	0.24	U
trans-1,3-Dichloropropene	ug/L	NS	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Trichloroethene	ug/L	5	**7.3**		**9.9**		**10**		0.31	U	0.31	U	0.31	U	0.31	U	0.70	N J	0.31	U
Trichlorofluoromethane	ug/L	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Vinyl chloride	ug/L	2	**14**		**2.2**		**2.9**		0.28	N J	0.17	U	0.65	N J	0.17	U	**7.6**		0.17	U
Total Conc	ug/L	NA	235.94		166.91		103.82		1.28		0.41		17.31		0.0		76.54		12	

Table 6A
Summary of Groundwater Analytical Results: VOCs 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-102D		MW-103D		MW-113S		MW-113D		MW-201S		MW-201D		TRIP BLANK		DUP (MW-2S)		EB_063022	
		Lab Sample ID	460-260919-1		460-261171-8		460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-12		460-261171-7		460-261171-13	
		Sampling Date	6/27/2022		6/30/2022		6/29/2022		6/29/2022		8/30/2022		6/30/2022		6/30/2022		06/29/2022 12:00:00		06/30/2022 13:30:00	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water	
		Dilution Factor	1		1		20		20		1		1		1		1		1	
VOCs by 8260D	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5	0.24	U	0.24	U	4.8	U	4.8	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	ug/L	5	0.37	U	0.37	U	7.3	U	7.3	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5	0.31	U	0.31	U	6.2	U	6.2	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	0.20	U	0.20	U	4.1	U	4.1	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	ug/L	5	0.26	U	0.26	U	5.3	U	5.3	U	0.26	U	1.2		0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	ug/L	5	0.26	U	0.26	U	5.3	U	5.3	U	0.26	U	0.71	N J	0.26	U	0.26	U	0.26	U
1,2,3-Trichlorobenzene	ug/L	5	0.36	U	0.36	U	7.1	U	7.1	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	ug/L	5	0.37	U	0.37	U	7.3	U	7.3	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04	0.38	U	0.38	U	7.5	U	7.5	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
1,2-Dichlorobenzene	ug/L	3	0.21	U	0.21	U	4.2	U	4.2	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
1,2-Dichloroethane	ug/L	0.6	0.43	U	0.43	U	8.6	U	8.6	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	ug/L	1	0.35	U	0.35	U	7.1	U	7.1	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
1,3-Dichlorobenzene	ug/L	3	0.34	U	0.34	U	6.8	U	6.8	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
1,4-Dichlorobenzene	ug/L	3	0.33	U	0.33	U	6.7	U	6.7	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
1,4-Dioxane	ug/L	1	28	U	28	U	560	U	560	U	28	U	28	U	28	U	28	U	28	U
2-Butanone (MEK)	ug/L	50*	1.9	U	1.9	U *+	37	U *+	37	U *+	1.9	U	1.9	U *+	1.9	U *+	1.9	U *+	1.9	U *+
2-Hexanone	ug/L	50*	1.1	U	1.1	U	23	U	23	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS	1.3	U	1.3	U	26	U	26	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	ug/L	50*	4.4	U	4.4	U	88	U	88	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	ug/L	1	0.20	U	0.20	U	4.1	U	4.1	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromoform	ug/L	50*	0.54	UJ	0.54	U	11	U	11	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	ug/L	5	0.55	U	0.55	UJ	11	U	11	UJ	0.55	UJ	0.55	UJ	0.55	UJ	0.55	UJ	0.55	UJ
Carbon disulfide	ug/L	60	0.82	U	0.82	U	16	U	16	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	ug/L	5	0.21	UJ	0.21	U	4.2	U	4.2	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	ug/L	5	0.38	U	0.38	U	7.5	U	7.5	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	ug/L	NS	0.41	U	0.41	U	8.2	U	8.2	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chlorodibromomethane	ug/L	NS	0.28	U	0.28	U	5.6	U	5.6	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Chloroethane	ug/L	5	0.32	U	0.32	U	6.4	U	6.4	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	ug/L	7	0.33	U	0.33	U	6.5	U	6.5	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	ug/L	5	0.40	U	0.40	UJ	8.0	UJ	8.0	UJ	0.4	U	0.40	UJ	0.40	UJ	0.40	UJ	0.40	UJ
cis-1,2-Dichloroethene	ug/L	5	0.22	U	0.97	N J	**450**		**450**		**30**		0.75	N J	0.22	U	**60**		0.22	U
cis-1,3-Dichloropropene	ug/L	NS	0.22	U	0.22	U	4.4	U	4.4	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Cyclohexane	ug/L	NS	0.32	UJ	0.32	U	6.4	U	6.4	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Dichlorobromomethane	ug/L	NS	0.34	U	0.34	U	6.9	U	6.9	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Dichlorodifluoromethane	ug/L	5	0.31	UJ	0.31	U	6.2	U	6.2	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Ethylbenzene	ug/L	5	0.30	U	0.30	U	6	U	6	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Ethylene Dibromide	ug/L	0.0006	0.50	U	0.50	U	10	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Isopropylbenzene	ug/L	5	0.34	U	0.34	U	6.7	U	6.7	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Methyl acetate	ug/L	NS	0.79	U	0.79	UJ	16	UJ	16	UJ	0.79	U	0.79	UJ	0.79	UJ	0.79	UJ	0.79	UJ
Methyl tert-butyl ether	ug/L	NS	1.2		2.4		4.3	U	4.3	U	0.22	U	0.81	N J	0.22	U	0.22	U	0.22	U
Methylcyclohexane	ug/L	NS	0.71	UJ	0.71	U	14	U	14	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U
Methylene Chloride	ug/L	5	0.32	U	0.32	U	6.3	U	6.3	U	0.32	U	0.32	U	0.8	J	0.32	U	1.5	JB
m-Xylene & p-Xylene	ug/L	NS	0.30	U	0.30	U	5.9	U	5.9	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
o-Xylene	ug/L	5	0.36	U	0.36	U	7.2	U	7.2	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
Styrene	ug/L	5	0.42	U	0.42	U	8.3	U	8.3	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	ug/L	5	0.25	U	0.25	U	**7600**		**7200**		0.25	U	0.25	U	0.25	U	**25**		0.25	U
Toluene	ug/L	5	0.38	U	0.38	U	7.6	U	7.6	U	0.38	U	0.38	U	0.6	J	0.38	U	0.38	U
trans-1,2-Dichloroethene	ug/L	5	0.24	U	0.24	U	4.7	U	4.7	U	0.24	U	0.24	U	0.24	U	0.47	N J	0.24	U
trans-1,3-Dichloropropene	ug/L	NS	0.22	U	0.22	U	4.5	U	4.5	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Trichloroethene	ug/L	5	1.3		0.94	N J	**200**		**190**		0.31	U	2.3		0.31	U	**10**		0.31	U
Trichlorofluoromethane	ug/L	5	0.32	U	0.32	U	6.4	U	6.4	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Vinyl chloride	ug/L	2	0.17	U	0.17	U	**9.5**	N J	**7.4**	N J	0.29	N J	0.17	U	0.17	U	**3.5**		0.17	U
Total Conc	ug/L	NA	2.5		4.31		8259.5		7847.4		30.29		5.77		1.4		98.97		1.5	

Table 6A
Summary of Groundwater Analytical Results: VOCs 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

NOTES

VOCs = volatile organic compounds
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 groundwater standards.
ug/L = micrograms per liter or parts per billion (ppb)
NS = No Standard
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
B = The analyte was detected in the method, field and/or trip blank.
NJ = The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 5
Summary of Groundwater Analytical Results: SVOCs 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S		MW-1D		MW-2S		MW-2D		MW-101S		MW-101D		MW-113S		MW-113D		MW-201S		MW-201D		DUP (MW-2S)		EB_063022	
		Lab Sample ID	460-261171-3		460-261171-4		460-261171-1		460-261171-2		460-260997-1		460-260997-2		460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-7		460-261171-13	
		Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/28/2022		6/28/2022		6/29/2022		6/29/2022		8/30/2022		6/30/2022		6/29/2022		6/30/2022	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
		Dilution Factor	1		1		1		1		1		1		1		1		1		1		1		1	
WATER BY 8270E	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		Q	Result	Q	Result	Q	Result	Q
1,1'-Biphenyl	ug/L	5	1.2	U	1.2	U	1.2	U	1.2	U	1.2	UJ	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2,4,5-Tetrachlorobenzene	ug/L	5	1.2	U	1.2	U	1.2	U	1.2	U	1.2	UJ	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
2,2'-oxybis[1-chloropropane]	ug/L	NS	0.63	U	0.63	U	0.63	U	0.63	U	0.63	UJ	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U
2,3,4,6-Tetrachlorophenol	ug/L	NS	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ
2,4,5-Trichlorophenol	ug/L	NS	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ	0.88	UJ
2,4,6-Trichlorophenol	ug/L	NS	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ
2,4-Dichlorophenol	ug/L	1	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
2,4-Dimethylphenol	ug/L	1	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ	0.62	UJ
2,4-Dinitrophenol	ug/L	1	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ
2,4-Dinitrotoluene	ug/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0	U	1	U	1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	5	0.83	U	0.83	U	0.83	U	0.83	U	0.83	UJ	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
2-Chloronaphthalene	ug/L	10*	1.2	U	1.2	U	1.2	U	1.2	U	1.2	UJ	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
2-Chlorophenol	ug/L	NS	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ
2-Methylnaphthalene	ug/L	NS	0.53	U	0.53	U	0.53	U	0.53	U	0.53	UJ	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U
2-Methylphenol	ug/L	NS	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ	0.67	UJ
2-Nitroaniline	ug/L	5	0.47	U	0.47	U	0.47	U	0.47	U	0.47	UJ	0.47	U F1	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
2-Nitrophenol	ug/L	NS	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ	0.75	UJ
3,3'-Dichlorobenzidine	ug/L	5	1.4	U	1.4	U	1.4	U	1.4	U	1.4	UJ	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
3-Nitroaniline	ug/L	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
4-Bromophenyl phenyl ether	ug/L	NS	0.75	U	0.75	U	0.75	U	0.75	U	0.75	UJ	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U
4-Chloro-3-methylphenol	ug/L	NS	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ	0.58	UJ
4-Chloroaniline	ug/L	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
4-Chlorophenyl phenyl ether	ug/L	NS	1.3	U	1.3	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
4-Methylphenol	ug/L	NS	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ	0.65	UJ
4-Nitroaniline	ug/L	5	1.2	U	1.2	U	1.2	U	1.2	U	1.2	UJ	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
4-Nitrophenol	ug/L	NS	4.0	UJ	4.0	UJ	4.0	UJ	4.0	UJ	4.0	UJ	4.0	UJ	4.0	UJ	4.0	UJ	4	UJ	4.0	UJ	4.0	UJ	4.0	UJ
Acenaphthene	ug/L	20	1.1	U	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U F1	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Acenaphthylene	ug/L	NS	0.82	U	0.82	U	0.82	U	0.82	U	0.82	UJ	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Acetophenone	ug/L	NS	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ	2.3	UJ
Anthracene	ug/L	50*	1.3	U	1.3	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Atrazine	ug/L	7.5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	UJ	1.3	U F1	1.3	U	1.3	U	1.3	U *+	1.3	U	1.3	U	1.3	U
Benzaldehyde	ug/L	NS	2.1	U	2.1	U	2.1	U	2.1	U	2.1	UJ	2.1	U F1	2.1	U	2.1	U	2.1	UJ	2.1	U	2.1	U	2.1	U
Bis(2-chloroethoxy)methane	ug/L	5	0.59	U	0.59	U	0.59	U	0.59	U	0.59	UJ	0.59	U F1	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U
Bis(2-ethylhexyl) phthalate	ug/L	5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	UJ	0.80	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Butyl benzyl phthalate	ug/L	NS	0.85	U	0.85	U	0.85	U	0.85	U	0.85	UJ	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
Caprolactam	ug/L	NS	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.2	U	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ
Carbazole	ug/L	NS	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ	0.68	UJ
Chrysene	ug/L	0..002*	0.91	U	0.91	U	0.91	U	0.91	U	0.91	UJ	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U
Dibenzofuran	ug/L	NS	1.1	U	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Diethyl phthalate	ug/L	50*	0.98	U	0.98	U	0.98	U	0.98	U	0.98	UJ	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
Dimethyl phthalate	ug/L	50*	0.77	U	0.77	U	0.77	U	0.77	U	0.77	UJ	0.77	U	0.77	U	0.77	U	0.77	U	0.77	U	0.77	U	0.77	U
Di-n-butyl phthalate	ug/L	50	0.84	U	0.84	U	0.84	U	0.84	U	0.84	UJ	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U
Di-n-octyl phthalate	ug/L	50*	0.75	U	0.75	U	0.75	U	0.75	U	0.75	UJ	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U
Fluoranthene	ug/L	50*	0.84	U	0.84	U	0.84	U	0.84	U	0.84	UJ	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U
Fluorene	ug/L	50*	0.91	U	0.91	U	0.91	U	0.91	U	0.91	UJ	0.91	U F1	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U
Hexachlorobutadiene	ug/L	0.5	0.78	U	0.78	U	0.78	U	0.78	U	0.78	UJ	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U
Hexachlorocyclopentadiene	ug/L	5	3.6	U	3.6	U	3.6	U	3.6	U	3.6	UJ	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U
Hexachloroethane	ug/L	5	0.80	UJ	0.80	UJ	0.80	UJ	0.80	UJ	0.80	UJ	0.80	U	0.80	UJ	0.80	UJ	0.8	U	0.80	UJ	0.80	UJ	0.80	UJ
Isophorone	ug/L	50*	0.80	UJ	0.80	UJ	0.80	UJ	0.80	UJ	0.80	UJ	0.80	UJ	0.80	UJ	0.80	UJ	0.8	UJ	0.80	UJ	0.80	UJ	0.80	UJ
Naphthalene	ug/L	10*	0.54	U	0.54	U	0.54	U	0.54	U	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Nitrobenzene	ug/L	0.4	0.57	U	0.57	U	0.57	U	0.57	U	0.57	UJ	0.57	U F1	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
N-Nitrosodi-n-propylamine	ug/L	NS	0.43	U	0.43	U	0.43	U	0.43	U	0.43	UJ	0.43	U F1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
N-Nitrosodiphenylamine	ug/L	50*	0.89	U	0.89	U	0.89	U	0.89	U	0.89	UJ	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U
Phenanthrene	ug/L	50*	1.3	U	1.3	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Phenol	ug/L	1	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ	0.29	UJ
Pyrene	ug/L	50*	1.6	U	1.6	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Total Conc	ug/L	NS	0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	

Notes:
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter
NS = No Standard
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
F1 : MS and/or MSD recovery exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 6C
Summary of Groundwater Analytical Results: SVOCs via SIM 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S		MW-1D		MW-2S		MW-2D		MW-101S		MW-101D		MW-113S		MW-113D		MW-201S		MW-201D		DUP (MW-2S)		EB_063022	
		Lab Sample ID	460-261171-3		460-261171-4		460-261171-1		460-261171-2		460-260997-1		460-260997-2		460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-7		460-261171-13	
		Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/28/2022		6/28/2022		6/29/2022		6/29/2022		8/30/2022		6/30/2022		6/29/2022		6/30/2022	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
		Dilution Factor	1		1		1		1		1		1		1		1		1		1		1		1	
WATER BY 8270E SIM	UNITS	GWQS	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,4-Dioxane	ug/L	1	0.17	UJ	0.43	UJ	0.17	UJ	0.17	UJ	0.17	UJ	**1.4**	J	0.17	UJ	0.17	U	0.17	UJ	0.64	J-	0.17	UJ	0.17	UJ
4,6-Dinitro-2-methylphenol	ug/L	NS	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	U	0.38	U	0.38	UJ	0.38	U *1	3	UJ	0.38	UJ	0.38	UJ	0.38	UJ
Benzo[a]anthracene	ug/L	NS	0.016	U	0.016	U	0.016	U	0.016	U	0.016	U	0.016	U	0.016	U	0.016	U	0.59	U	0.016	U	0.016	U	0.016	U
Benzo[a]pyrene	ug/L	ND	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.41	U	0.022	U	0.022	U	0.022	U
Benzo[b]fluoranthene	ug/L	0.002*	0.024	UJ	0.024	UJ	0.024	UJ	0.024	UJ	0.024	UJ	0.024	UJ	0.024	UJ	0.024	UJ	0.68	U	0.024	UJ	0.024	UJ	0.024	UJ
Benzo[g,h,i]perylene	ug/L	NS	0.035	U	0.035	U	0.035	U	0.035	U	0.035	U	0.035	U	0.035	U	0.035	U	0.7	U	0.035	U	0.035	U	0.035	U
Benzo[k]fluoranthene	ug/L	0.002*	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.67	U	0.028	U	0.028	U	0.028	U
Bis(2-chloroethyl)ether	ug/L	1	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.63	U	0.026	U	0.026	U	0.026	U
Dibenz(a,h)anthracene	ug/L	NS	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.72	U	0.02	U	0.02	U	0.02	U
Hexachlorobenzene	ug/L	0.04	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.4	U	0.011	U	0.011	U	0.011	U
Indeno[1,2,3-cd]pyrene	ug/L	0.002*	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.94	U *+	0.036	U	0.036	U	0.036	U
N-Nitrosodimethylamine	ug/L	NS	0.12	UJ	0.12	UJ	0.12	UJ	0.12	UJ	0.12	UJ	0.12	UJ	0.12	UJ	0.12	UJ	NT	U	0.12	UJ	0.12	UJ	0.12	IJ
Pentachlorophenol	ug/L	1	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	1.4	UJ	0.18	U	0.18	U	0.18	U
Total Conc	ug/L	NS	0.0		0.43		0.0		0.0		0.0		1.4		0.0		0.0		0.0		0.64		0.00		0.00	

Notes:
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter
NS = No Standard
ND = Non-Detecable
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
U : Indicates the analyte was analyzed for but not detected.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J- = The result is an estimate and is biased low.
NJ = The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 6D
Summary of Groundwatr Analytical Results: TAL Metals June 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S		MW-1D		MW-2S		MW-2D		MW-101S		MW-101D		MW-113S		MW-113D		MW-201S		MW-201D		DUP (MW-2S)		EB_063022	
		Lab Sample ID	460-261171-3		460-261171-4		460-261171-1		460-261171-2		460-260997-1		460-260997-2		460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-7		460-261171-13	
		Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/28/2022		6/28/2022		6/29/2022		6/29/2022		8/30/2022		6/29/2022		6/30/2022			
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
WATER BY 6020B	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Aluminum	ug/L	2,000	314		19.5	U	1080	J	59.9		43.9		154	J	997		962		26.3	N J	27.9	J	708	J	19.5	U
Aluminum, Dissolved	ug/L	2,000	19.5	U	19.5	U	19.5	U	19.5	U	NR		24.3	NJ	19.5	U	19.5	U	19.5	U	NR		19.5	U	19.5	U
Antimony	ug/L	3	0.76	U	0.76	U	2.5		0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	2.3		0.76	U
Antimony, Dissolved	ug/L	3	0.76	U	0.76	U	2.3	J	0.76	U	NR		0.76	U	0.76	U	0.76	U	0.76	U	NR		1.4	NJ	0.76	U
Arsenic	ug/L	25	4.9		3.2		5.2		0.89	U	0.89	U	3.7		2.9		1.9	NJ	4.3		1.1	NJ	5		0.89	U
Arsenic, Dissolved	ug/L	25	0.99	NJ	1.3	NJ	3.8		0.89	U	NR		3.6		1.7	NJ	1.1	NJ	3.1		NR		3.8		0.89	U
Barium	ug/L	1,000	100		106		20.5		51.8		506		550		35.2		40		512		123		20.5		0.91	U
Barium, Dissolved	ug/L	1,000	22.7		87.2		5.6	J	48.3		NR		528		34.9		30.3		549		NR		14.9	J	0.91	U
Beryllium	ug/L	3*	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
Beryllium, Dissolved	ug/L	3*	0.13	U	0.13	U	0.13	U	0.13	U	NR		0.13	U	0.13	U	0.13	U	0.13	U	NR		0.13	U	0.13	U
Cadmium	ug/L	5	0.39	U	0.39	U	0.39	U	0.39	U	0.82	NJ	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
Cadmium, Dissolved	ug/L	5	0.39	U	0.39	U	0.39	U	0.39	U	NR		0.39	U	0.39	U	0.39	U	0.39	U	NR		0.39	U	0.39	U
Calcium	ug/L	NS	42,900		55,600		31,100	J	59,800		280,000		67,000		31,600		32,400		163,000		63,200		30,600	J	53.6	U
Calcium, Dissolved	ug/L	NS	42,900		55,900		28,100		56,900		NR		67,400		32,200		32,200		158,000		NR		40,900	J	53.6	U
Chromium	ug/L	50	4.7		2.5	U	12.4		2.5	U	2.5	U	29.5	J	4		3.4	NJ	2.5	U	2.5	U	12.7		2.5	U
Chromium, Dissolved	ug/L	50	2.5	U	2.5	U	9.0	J	2.5	U	NR		2.5	UJ	2.5	U	2.5	U	2.5	U	NR		2.9	NJ	2.5	U
Cobalt	ug/L	NS	2.3	NJ	1.1	NJ	1.2	NJ	1.3	NJ	2.4	NJ	0.71	U	3.9	NJ	4.1		0.71	U	0.90	NJ	0.84	NJ	0.71	U
Cobalt, Dissolved	ug/L	NS	0.71	U	1.1	NJ	0.71	U	1.0	NJ	NR		0.71	U	2.9	NJ	2.8	NJ	0.71	U	NR		0.71	U	0.71	U
Copper	ug/L	200	5.6		2.5	U	8.5		2.5	U	2.5	U	2.5	U	3.4	NJ	3.7	NJ	2.5	U	2.5	U	7.8		2.5	U
Copper, Dissolved	ug/L	200	2.5	U	2.5	U	3.8	NJ	2.5	U	NR		2.5	U	2.5	U	2.5	U	2.5	U	NR		3.1	NJ	2.5	U
Iron	ug/L	300	**3,520**		**6,230**		**2,050**	J	**2,290**		**390**		**22,000**		**991**		**1,120**		**10,600**		**4,330**		**1,470**	J	58.2	U
Iron, Dissolved	ug/L	300	58.2	U	58.2	U	58.2	U	58.2	U	NR		**19,800**		58.2	U	58.2	U	**9,570**		NR		58.2	U	58.2	U
Lead	ug/L	25	2.4		0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U
Lead, Dissolved	ug/L	25	0.84	U	0.84	U	0.84	U	0.84	U	NR		0.84	U	0.84	U	0.84	U	0.84	U	NR		0.84	U	0.84	U
Magnesium	ug/L	35,000*	5,030	J	23,900		5,570		32,800		**61,100**		**35,500**		5,350		5,580		**54,300**		34,400		5,520	J	46.9	U
Magnesium, Dissolved	ug/L	35,000*	6,270	J	23,200		4,920	J	31,000		NR		**36,600**		5,910		5,200		**51,900**		NR		8,010	J	46.9	U
Manganese	ug/L	300	**3,240**		**486**		**571**		**2,770**		**2,140**		**1,080**		86.1		121		**1,070**		290		**518**		1.5	U
Manganese, Dissolved	ug/L	300	139		**458**		10.3	J	**2,590**		NR		**1,080**		83.8		73.5		**1,030**		NR		99.1	J	1.5	U
Nickel	ug/L	100	8.1		0.91	U	5.5		0.91	U	10.6		0.91	U	54.4		54.8		0.91	U	0.91	U	4.1		0.91	U
Nickel, Dissolved	ug/L	100	0.91	U	0.91	U	0.91	U	0.91	U	NR		0.91	U	46.6		45.6		0.91	U	NR		4.3		0.91	U
Potassium	ug/L	NS	3,730		4,500		4,400		2,980		5,210		4,710		3,030		3,150		10,900		2,480		4,470		112	U
Potassium, Dissolved	ug/L	NS	3,700		4,480		4,130		2,830		NR		4,780		2,960		2,890		10,800		NR		4,530		112	U
Selenium	ug/L	10	0.59	U	0.59	U	0.78	NJ	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	1.0	NJ	0.59	U
Selenium, Dissolved	ug/L	10	0.59	U	0.59	U	0.97	NJ	0.59	U	NR		0.59	U	0.59	U	0.59	U	0.59	U	NR		0.59	U	0.59	U
Silver	ug/L	50	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Silver, Dissolved	ug/L	50	0.29	U	0.29	U	0.29	U	0.29	U	NR		0.29	U	0.29	U	0.29	U	0.29	U	NR		0.29	U	0.29	U
Sodium	ug/L	20,000	**77,600**		**79,100**		**101,000**		**24,700**		**966,000**		**167,000**		**35,200**		**34,400**		**680,000**		**24,200**		**98,800**	J	163	U
Sodium, Dissolved	ug/L	20,000	**75,500**		**80,700**		**89,200**	J	**25,300**		NR		**166,000**		**36,000**		**34,900**		**656,000**		NR		**143,000**	J	163	U
Thallium	ug/L	0.5*	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Thallium, Dissolved	ug/L	0.5*	0.21	U	0.21	U	0.21	U	0.21	U	NR		0.21	U	0.21	U	0.21	U	0.21	U	NR		0.21	U	0.21	U
Vanadium	ug/L	NS	7		0.68	U	16.3		0.68	U	0.79	NJ	0.68	U	5.9		5.9		0.68	U	0.68	U	16		0.68	U
Vanadium, Dissolved	ug/L	NS	0.79	NJ	0.68	U	9.2	J	0.68	U	NR		0.68	U	1.7	NJ	2.0	NJ	0.68	U	NR		6.9	J	0.68	U
Zinc	ug/L	2,000*	6.5	U	6.5	U	6.5	UJ	35.4		6.5	U	6.5	U	6.5	U	6.5	U	10.4	N J	6.5	U	6.5	U	6.5	U
Zinc, Dissolved	ug/L	2,000*	9.1	NJ	6.5	NJ	18.6	J	37.7		NR		6.5	U	6.5	U	6.5	U	6.5	U	NR		6.5	U	6.5	U
WATER BY 7470A(UG/L)																										
Mercury	ug/L	0.7	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
Mercury, Dissolved	ug/L	0.7	0.15	NJ	0.12	NJ	0.16	NJ	0.15	J	NR		0.13	NJ	0.14	NJ	0.17	NJ	0.091	U	NR		0.16	NJ	0.091	U

NOTES
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter
NS = No Standard
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
NR: Not Analyzed
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 6E
Summary of Groundwater Analytical Results: PCBs 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S		MW-1D		MW-2S		MW-2D		MW-101S		MW-101D		MW-113S		MW-113D		MW-201S		MW-201D		DUP (MW-2S)		EB_063022	
		Lab Sample ID	460-261171-3		460-261171-4		460-261171-1		460-261171-2		460-260997-1		460-260997-2		460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-7		460-261171-13	
		Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/28/2022		6/28/2022		6/29/2022		6/29/2022		8/30/2022		6/30/2022		6/29/2022		6/30/2022	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
		Dilution Factor	1		1		1		1		1		1		1		1		1		1		1		1	
WATER BY 8082A	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Aroclor 1016	ug/L	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
Aroclor 1221	ug/L	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
Aroclor 1232	ug/L	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
Aroclor 1242	ug/L	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
Aroclor 1248	ug/L	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
Aroclor 1254	ug/L	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
Aroclor 1260	ug/L	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
Aroclor 1268	ug/L	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
Aroclor-1262	ug/L	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
Total PCBs	ug/L	0.09	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U

NOTES
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter
NS = No Standard
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 6F
Summary of Groundwater Analytical Results: Pesticides June 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S		MW-1D		MW-2S		MW-2D		MW-101S		MW-101D		MW-113S		MW-113D		MW-201S		MW-201D		DUP (MW-2S)		EB_063022	
		Lab Sample ID	460-261171-3		460-261171-4		460-261171-1		460-261171-2		460-260997-1		460-260997-2		460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-7		460-261171-13	
		Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/28/2022		6/28/2022		6/29/2022		6/29/2022		8/30/2022		6/30/2022		6/29/2022		6/30/2022	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
		Dilution Factor	1		1		1		1		1		1		1		1		1		1		1		1	
WATER BY 8082A	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Aldrin	ug/L	ND	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
alpha-BHC	ug/L	0.01	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U
beta-BHC	ug/L	0.04	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
Chlordane (technical)	ug/L	NS	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U
delta-BHC	ug/L	0.04	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
Dieldrin	ug/L	0.004	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Endosulfan I	ug/L	NS	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	ug/L	NS	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Endosulfan sulfate	ug/L	NS	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
Endrin	ug/L	ND	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Endrin aldehyde	ug/L	5	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U
Endrin ketone	ug/L	5	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U	0.008	U
gamma-BHC (Lindane)	ug/L	0.05	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U
Heptachlor	ug/L	0.04	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Heptachlor epoxide	ug/L	0.03	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
Methoxychlor	ug/L	35	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Toxaphene	ug/L	0.06	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U

NOTES
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter
NS = No Standard
ND = Not Detecable
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 6G
Summary of Groundwater Analytical Results: PFAS 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

			Client ID	MW-1S		MW-1S		MW-1D		MW-2S		MW-2S		MW-2D		MW-101S		MW-101D	
			Lab Sample ID	460-261171-3		460-261171-3		460-261171-4		460-261171-1		460-261171-1		460-261171-2		460-260997-1		460-260997-2	
			Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/28/2022		6/28/2022	
			Matrix	Water		Water		Water		Water		Water		Water		Water		Water	
			Dilution Factor	1		1		1		1		1		1		1		1	
WATER BY D516-11		**UNITS**	**GWQS**	Result	Q	Secondary 1	Q	Result	Q	Result	Q	Secondary 1	Q	Result	Q	Result	Q	Result	Q
6:2 Fluorotelomer sulfonic acid		ng/L	NA	2.04	NJ	1.64	U J	1.77	U	1.91	N J	1.75	U J	1.68	U	6.66		1.71	U
8:2 Fluorotelomer sulfonic acid		ng/L	NA	0.84	U	0.82	U J	0.89	U	0.88	U	0.87	U J	0.84	U	0.82	U	0.86	U
NEtFOSAA	NEtFOSA	ng/L	NA	0.42	U	0.41	U J	0.97	N J	0.44	U	0.52	N J	0.42	U	0.41	U	5.01	
NMeFOSAA	NMeFOSA	ng/L	NA	0.5	U	0.49	U J	0.53	U	0.53	U	0.52	U J	0.5	U	0.49	U	0.51	U
Perfluorobutanesulfonic acid	PFBS	ng/L	NA	8.98		13.0	J	2.84		7.51	N J	8.83	J	1.08	N J	11.2		3.50	
Perfluorobutanoic acid	PFBA	ng/L	NA	4.53		4.49	J	4.41	N J	5.38		4.67	J	2.32	N J	10.1		6.81	
Perfluorodecanesulfonic acid	PFDS	ng/L	NA	0.42	U	0.41	U J	0.86	N J	0.44	U	0.44	U J	0.42	U	0.41	U	0.43	U
Perfluorodecanoic acid	PFDA	ng/L	NA	2.58		0.42	N J	0.95	N J	1.94	N J	3.05	J	0.42	U	0.69	J	1.38	N J
Perfluorododecanoic acid	PFDoA	ng/L	NA	0.42	U	0.41	U J	0.44	U	0.44	U	0.44	U J	0.42	U	0.41	U	0.43	U
Perfluoroheptanesulfonic acid	PFHpS	ng/L	NA	0.42	U	0.41	U J	0.44	U	0.44	U	0.44	U J	0.42	U	0.41	U	0.43	U
Perfluoroheptanoic acid	PFHpA	ng/L	NA	2.8		2.9	J	7.16		4.28		4.62	J	1.73		4.16		7.61	
Perfluorohexanesulfonic acid	PFHxS	ng/L	NA	0.42	U	0.41	U J	5.43		1.13	N J	1.78	J	0.58	N J	1.75		3.78	
Perfluorohexanoic acid	PFHxA	ng/L	NA	3.55		4.27	J	7.25		4.8		5.78	J	2.80		11.1		12.0	
Perfluorononanoic acid	PFNA	ng/L	NA	2.6		1.13	N J	1.23	N J	2.20		2.90	J	0.42	U	2.74		2.13	
Perfluorooctanesulfonamide	FOSA	ng/L	NA	0.42	U	0.67	N J	0.57	N J	0.48	N J	0.66	N J	0.42	U	0.41	U	0.43	U
Perfluorooctanesulfonic acid	PFOS	ng/L	10	7.19		0.41	U J	**19.3**	B	**28.6**	J	**34.1**	J	2.23		**15**		**22.8**	
Perfluorooctanoic acid	PFOA	ng/L	10	5.3		3.64	J	**17.9**		7.12	J	9.1	J	5.85		**16.4**		**17.8**	
Perfluoropentanoic acid	PFPeA	ng/L	NA	3.91		4.26	J	6.21		3.70	J	5.25	J	2.38		8.06		11.3	
Perfluorotetradecanoic acid	PFTA	ng/L	NA	0.42	U	0.41	U J	0.44	U	0.44	U	0.44	U J	0.42	U	0.41	U	0.43	U
Perfluorotridecanoic acid	PFTrDA	ng/L	NA	0.42	U	0.41	U J	0.44	U	0.44	U	0.44	U J	0.42	U	0.41	U	0.43	U
Perfluoroundecanoic acid	PFUnA	ng/L	NA	1.33	NJ	0.41	U J	0.44	U	0.44	U	0.44	U J	0.42	U	0.41	U	0.43	U

Notes:
Groundwater Quality Standard from: 6 NYCRR Part 703
ng/L = nanograms per liter
NS = No Standard
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
B : Compound was found in the blank and sample.
U : Indicates the analyte was analyzed for but not detected.
I : Value is EMPC (estimated maximum possible concentration).
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimate and is biased high
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

Table 6G
Summary of Groundwater Analytical Results: PFAS 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

			Client ID	MW-113S		MW-113D		MW-201S		MW-201D		DUP (MW-2S)		DUP (MW-2S)		EB_063022		FB_063022	
			Lab Sample ID	460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-7		460-261171-7		460-261171-13		460-261171-14	
			Sampling Date	6/29/2022		6/29/2022		8/30/2022		6/30/2022		6/29/2022		6/29/2022		6/30/2022		6/30/2022	
			Matrix	Water		Water		Water		Water		Water		Water		Water		Water	
			Dilution Factor	1		1		1		1		1		1		1		1	
WATER BY D516-11		**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Secondary 1	Q	Result	Q	Result	Q
6:2 Fluorotelomer sulfonic acid		ng/L	NA	1.95	U	1.69	U	3.94	U	1.71	U	3.22	N J	2.71	N J	1.78	U	1.68	U
8:2 Fluorotelomer sulfonic acid		ng/L	NA	0.98	U	0.85	N J	0.94	U	0.86	U	0.88	U	0.88	U J	0.89	U	0.84	U
NEtFOSAA	NEtFOSA	ng/L	NA	0.49	U	6.58		0.47	U	0.43	U	0.44	U	0.44	U J	0.44	U	0.42	U
NMeFOSAA	NMeFOSA	ng/L	NA	0.59	U	2.18		0.56	U	0.51	U	0.53	U	0.53	U J	0.53	U	0.5	U
Perfluorobutanesulfonic acid	PFBS	ng/L	NA	1.20	N J	18.1		10.9	J+	0.43	U	8.52		8.04	J	0.44	U	0.42	U
Perfluorobutanoic acid	PFBA	ng/L	NA	10.4		10.2		6.81		1.71	U	4.66		4.71	J	1.78	U	1.68	U
Perfluorodecanesulfonic acid	PFDS	ng/L	NA	0.49	U	1.17	N J	0.47	U	0.43	U	0.93	N J	0.44	U J	0.44	U	0.42	U
Perfluorodecanoic acid	PFDA	ng/L	NA	0.49	U	26.3		1.37	N J	0.43	U	2.93	J	3.04	J	0.44	U	0.42	U
Perfluorododecanoic acid	PFDoA	ng/L	NA	0.49	U	5.33		0.47	U	0.43	U	0.44	U	0.44	U J	0.44	U	0.42	U
Perfluoroheptanesulfonic acid	PFHpS	ng/L	NA	0.49	U	0.47	N J	0.47	U	0.43	U	0.44	U	0.44	U J	0.44	U	0.42	U
Perfluoroheptanoic acid	PFHpA	ng/L	NA	21.8		41.7		5.76		0.54	N J	4.89		5.53	J	0.44	U	0.42	U
Perfluorohexanesulfonic acid	PFHxS	ng/L	NA	0.49	U	1.14	N J	1.57	N J	0.58	N J	1.24	N J	1.22	N J	0.44	U	0.42	U
Perfluorohexanoic acid	PFHxA	ng/L	NA	15.3		17.5		8.94		0.55	N J	6.02	I	5.69	J	0.44	U	0.42	U
Perfluorononanoic acid	PFNA	ng/L	NA	0.49	U	29.7		3.36		0.43	U	2.38	J	2.56	J	0.44	U	0.42	U
Perfluorooctanesulfonamide	FOSA	ng/L	NA	0.56	NJ	27		0.47	U	0.43	U	1.1	NJ	0.66	N J	0.44	U	0.42	U
Perfluorooctanesulfonic acid	PFOS	ng/L	10	0.49	U	**55.4**	B	**21.2**		3.62		**37.6**	J	**34.1**	J	0.44	U	0.42	U
Perfluorooctanoic acid	PFOA	ng/L	10	8.33		**56.3**		**20.1**		2.2		9.47	J	9.08	J	0.44	U	0.42	U
Perfluoropentanoic acid	PFPeA	ng/L	NA	17.7		17.8		8.75		0.66	N J	5.45	J	4.31	J	0.44	U	0.42	U
Perfluorotetradecanoic acid	PFTA	ng/L	NA	0.49	U	0.42	U	0.47	U	0.43	U	0.44	U	0.44	U J	0.44	U	0.42	U
Perfluorotridecanoic acid	PFTrDA	ng/L	NA	0.49	U	0.42	U	0.47	U	0.43	U	0.44	U	0.44	U J	0.44	U	0.42	U
Perfluoroundecanoic acid	PFUnA	ng/L	NA	0.49	U	15.3		0.47	U	0.43	U	0.44	U	0.44	U J	0.44	U	0.42	U

Notes:
Groundwater Quality Standard from: 6 NYCRR Part 703
ng/L = nanograms per liter
NS = No Standard
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Laboratory Qualifiers
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Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimate and is biased high
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 6H
Summary of Groundwatr Analytical Results: Sulfate and Nitrate 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S		MW-1D		MW-2S		MW-2D		MW-3S		MW-3D		MW-101S		MW-101D	
		Lab Sample ID	460-261171-3		460-261171-4		460-261171-1		460-261171-2		460-261171-9		460-261171-10		460-260997-1		460-260997-2	
		Sampling Date	6/29/2022		6/29/2022		6/29/2022		6/29/2022		6/30/2022		6/30/2022		6/28/2022		06/28/202	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water	
WATER BY D516-11	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Sulfate (mg/l)	mg/L	250	13.8		42.5		48.2		47.6		26.2		39.2		47		43.8	
WATER BY SM 4500 NO3 F																		
Nitrate as N (mg/l)	mg/L	10	0.3		0.021	U	1.5	H	0.084	N J	0.03	N J	0.021	U	0.21		0.021	U

NOTES
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter or parts per billion (ppb)
NS = No Standard
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
H : Sample was prepped or analyzed beyond the specified holding time
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Validator Qualifiers
NJ = The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 6H
Summary of Groundwatr Analytical Results: Sulfate and Nitr
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

		Client ID	MW-102S		MW-102D		MW-103D		MW-113S		MW-113D		MW-201S		MW-201D		DUP (MW-2S)		EB_063022	
		Lab Sample ID	460-260919-2		460-260919-1		460-261171-8		460-261171-5		460-261171-6		460-264645-1		460-261171-11		460-261171-7		460-261171-13	
		Sampling Date	6/27/2022		6/27/2022		6/30/2022		6/29/2022		6/29/2022		8/30/2022		6/30/2022		6/30/2022		6/29/2022	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water		Water	
WATER BY D516-11	**UNITS**	**GWQS**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Sulfate (mg/l)	mg/L	250	2.4	U	111		30		12		13.5		22.6		101		48.6		2.4	U
WATER BY SM 4500 NO3 F																				
Nitrate as N (mg/l)	mg/L	10	0.23		0.082	J	0.021	U	0.55		0.43		0.070	U	0.021	U	2.1		0.021	U

NOTES
Groundwater Quality Standard from: 6 NYCRR Part 703
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter or parts per billion (ppb)
NS = No Standard
BOLD = Exceeds Groundwater Quality Standards

Laboratory Qualifiers
H : Sample was prepped or analyzed beyond the specified holding time
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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TABLE 7A
Summary of Sub-Slab Soil Gas Analytical Results: 2008 to 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards [1]	Former Johnny on the Spot Cleaners											
Medium		Subsurface Vapors	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	
Laboratory ID							200-37771-11	200-42355-8	200-62822-13	200-62822-15	200-62822-16	
Sample ID			SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	VMP-2R	VMP-3R	VMP-4R	
Collection Date			08/26/08	06/19/13	07/11/13	10/16/13	03/10/17	02/21/18	03/30/22	03/30/22	03/30/22	
Units		ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	
CAS Number	Chemical Name											
71-55-6	1,1,1-TRICHLOROETHANE	NS					17 U	11 U	11 U	11 UJ	11 U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS					21 U	14 U	14 U	14 UJ	14 U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS							15 U	15 UJ	15 U	
75-35-4	1,1-DICHLOROETHENE	NS					21	16	1.4 U	1.4 UJ	1.4 U	
95-63-6	1,2,4-TRIMETHYLBENZENE	NS		72.76	14.5	91.93	15 U	36	3.3 NJ	3.3 UJ	9.8 U	
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS					15 U	14	9.8 U	9.8 UJ	9.8 U	
106-99-0	1,3-BUTADIENE	NS					6.7 U	4.4 U	4.4 U	4.4 UJ	4.4 U	
541-73-1	1,3-DICHLOROBENZENE	NS					18 U	12 U	12 U	12 UJ	12 U	
540-84-1	2,2,4-TRIMETHYLPENTANE	NS					14 U	79	9.3 U	9.3 UJ	9.3 U	
622-96-8	4-ETHYLTOLUENE	NS		35.4			15 U	9.8	9.8 U	9.8 UJ	9.8 U	
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS							11 U	11 UJ	11 U	
67-64-1	ACETONE	NS		337.43		1451.91	180 U	120 U	81 NJ	120 UJ	120 NJ	
71-43-2	BENZENE	NS		17.23			9.7 U	6.4 U	6.4 U	6.4 UJ	6.4 U	
106-97-8	BUTANE	NS					18 U	26	12 U	12 UJ	12 U	
75-15-0	CARBON DISULFIDE	NS		25.52		295.06	24 U	16 U	16 U	16 UJ	16 U	
56-23-5	CARBON TETRACHLORIDE	NS					3.8 U	2.2 U	2.2 U	2.2 UJ	2.2 U	
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS					27 U	18 U	18 U	18 UJ	18 U	
67-66-3	CHLOROFORM	NS		89.07			15 U	9.8 U	9.8 U	9.8 UJ	9.8 U	
74-87-3	CHLOROMETHANE	NS					16 U	10 U	10 U	10 UJ	10 U	
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS		51	6.76	6.76	51	22	2 U	2 UJ	1.5 NJ	
110-82-7	CYCLOHEXANE	NS					10 U	18	6.9 U	6.9 UJ	6.9 U	
75-71-8	DICHLORODIFLUOROMETHANE	NS					38 U	25 U	14 NJ	25 UJ	25 U	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS					52	22	16 U	16 UJ	16 U	
100-41-4	ETHYLBENZENE	NS		49.42		78.47	13 U	26	8.7 U	8.7 UJ	8.7 U	
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS				180.86	190 U	120 U	120 U	120 UJ	120 U	
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS							9.8 U	9.8 UJ	9.8 U	
179601-23-1	M,P-XYLENES	NS		224.57		345.1	33 U	78	22 U	22 UJ	22 U	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS					22 U	15 U	15 U	15 UJ	15 J	
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS						7.2 U	7.2 U	7.2 UJ	7.2 U	
75-09-2	METHYLENE CHLORIDE	NS					26 U	17 U	17 U	27 J	17 U	
91-20-3	NAPHTHALENE	NS					40 UJ	26 U	26 UJ	26 UJ	26 UJ	
142-82-5	N-HEPTANE	NS					12 U	31	8.2 U	3.1 NJ	8.2 U	
110-54-3	N-HEXANE	NS		35.61		325.76	11 U	35	18 U	9.0 NJ	18 U	
103-65-1	N-PROPYLBENZENE	NS					15 U	9.8 U	9.8 U	9.8 UJ	9.8 U	
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS		52.89		134.4	13 U	44	8.7 U	8.7 UJ	8.7 U	
100-42-5	STYRENE	NS							8.5 U	8.5 UJ	8.5 U	
75-65-0	TERT-BUTYL ALCOHOL	NS						150 U	150 U	150 UJ	150 U	
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	4300	2746.4	2610	16614	2400	75	43	13 NJ	380	
108-88-3	TOLUENE	NS		171.58	6.42	360.85	11 U	37	6.3 NJ	5.3 NJ	7.5 U	
156-60-5	TRANS-1,2-DICHLOROETHENE	NS					12 U	7.9 U	7.9 U	7.9 UJ	7.9 U	
79-01-6	TRICHLOROETHYLENE (TCE)	NS	75	192.4	188	1101.72	750	97	6.0	1.9 UJ	3.9	
75-69-4	TRICHLOROFLUOROMETHANE	NS					17 U	11 U	11 U	11 UJ	11 U	
75-01-4	VINYL CHLORIDE	NS		59.56	43.3		1.6 U	78	2.0 U	2.0 UJ	2.0 U	
XYLENES	XYLENES, TOTAL	NS					46 U	120	30 U	30 UJ	30 U	
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS						24 NJ	48 N	33 N	33 N	

Notes:
Only those analytes detected in one or more samples are presented above
Blank values indicate concentrations below laboratory method detection limits
ug/m3 = micrograms per cubic meter
NS = No Standard
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TABLE 7A
Summary of Sub-Slab Soil Gas Analytical Results: 2008 to 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards [1]	Former Bank									
Medium		Subsurface Vapors	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	
Laboratory ID						200-37771-12		200-63226-1	200-37771-13	200-342355-7	200-62822-10	
Sample ID			SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-6	SG-6	SG-6	
Collection Date			06/19/13	07/11/13	10/16/13	03/11/17	02/21/18	04/29/22	03/10/17	02/21/18	03/30/22	
Units		ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	
CAS Number	Chemical Name											
71-55-6	1,1,1-TRICHLOROETHANE	NS				1.1 U		11 U	1.1 U	11 U	11 U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS				1.4 U		14 U	1.4 U	14 U	14 U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS					canceled.	15 U			15 U	
75-35-4	1,1-DICHLOROETHENE	NS				0.79 U		1.4 U	0.79 U	1.4 U	1.4 U	
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	195.17	15.1	1.47	5.2		4.0 NJ	4.8	78	9.8 U	
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	34.41	3.1		1.4		9.8 U	1.3	29	9.8 U	
106-99-0	1,3-BUTADIENE	NS				0.44 U	into Summa	4.4 U	0.44 U	4.4 U	4.4 U	
541-73-1	1,3-DICHLOROBENZENE	NS				6.0		12 U	5.9	12 U	12 U	
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	6.3			6.3		9.3 U	6.2	78	9.3 U	
622-96-8	4-ETHYLTOLUENE	NS	70.79	2.7		1.6		9.8 U	1.5	21	9.8 U	
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS						11 U			11 U	
67-64-1	ACETONE	NS			30.18	18		930	190 J	120 U	120 U	
71-43-2	BENZENE	NS			0.77	3.8		6.4 U	4.9 J	6.4 U	6.4 U	
106-97-8	BUTANE	NS				9.6		19	36	18	12 U	
75-15-0	CARBON DISULFIDE	NS				1.6 U		16 U	58	16 U	16 U	
56-23-5	CARBON TETRACHLORIDE	NS				0.29		2.2 U	0.30	2.2 U	2.2 U	
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS				1.8 U	Canister.	18 U	1.8 U	18 U	18 U	
67-66-3	CHLOROFORM	NS				5.7	drawn up	9.8 U	8.3	9.8 U	9.8 U	
74-87-3	CHLOROMETHANE	NS			1.05	1.0 U		10 U	2.9	10 U	10 U	
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS				0.79 U		2 U	0.79 U	1.4 U	2 U	
110-82-7	CYCLOHEXANE	NS				2.8		2.7 NJ	4.1	11	6.9 U	
75-71-8	DICHLORODIFLUOROMETHANE	NS	81.09	21.6	15.03	5.7	Water being	6.1 NJ	100	48	20 NJ	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS				1.6 U		16 U	1.6 U	16 U	16 U	
100-41-4	ETHYLBENZENE	NS	61.13		1.04	4.5		8.7 U	4.5	49	8.7 U	
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS			53.5	28		320	45	120 U	120 U	
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS						9.8 U			9.8 U	
179601-23-1	M,P-XYLENES	NS	327.75		4.81	15		22 U	15	150	15 U	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS			3.69	4.6		10 NJ	13	15 U	15 U	
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS						7.2 U		7.2 U	7.2 U	
75-09-2	METHYLENE CHLORIDE	NS				1.7 U		17 U	1.7 U	17 U	17 U	
91-20-3	NAPHTHALENE	NS	28.79	2.6		2.6 UJ		26 UJ	2.6 UJ	26 U	26 UJ	
142-82-5	N-HEPTANE	NS				3.9		8.2 U	7.0	25.0	8.2 U	
110-54-3	N-HEXANE	NS	80.03		7.19	8.5		18 U	24	12	18 U	
103-65-1	N-PROPYLBENZENE	NS				0.98 U		9.8 U	0.98 U	19	9.8 U	
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	84.54		1.56	5.0		8.7 U	5.0	86	4.9 NJ	
100-42-5	STYRENE	NS						8.5 U			8.5 U	
75-65-0	TERT-BUTYL ALCOHOL	NS						180		150 U	150 U	
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	2909.13	399	435.35	72		6.2 NJ	5.7	86	3.8 NJ	
108-88-3	TOLUENE	NS	156.16		4.67	23		5.8 NJ	24	63	7.5 U	
156-60-5	TRANS-1,2-DICHLOROETHENE	NS				0.72 U		7.9 U	0.79 U	7.9 U	7.9 U	
79-01-6	TRICHLOROETHYLENE (TCE)	NS	54.82	9.1	7.42	6.8		1.9 U	0.49	4.6	1.9 U	
75-69-4	TRICHLOROFLUOROMETHANE	NS				1.2	Sample	11 U	7.8	11 U	11 U	
75-01-4	VINYL CHLORIDE	NS				0.1 U	through tubing	2.0 U	0.10	3.8	2.0 U	
XYLENES	XYLENES, TOTAL	NS				20		30 U	20	240	20 NJ	
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS				3.7 NJ		68 N	14 NJ	44 NJ	13 N	

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TABLE 7A
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Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards [1]	Former Bank											
Medium		Subsurface Vapors	Sub-Slab Vapor		Sub-Slab Vapor		Sub-Slab Vapor		Sub-Slab Vapor		Sub-Slab Vapor		Sub-Slab Vapor	
Laboratory ID			200-37771-14		200-42355-6		200-62822-8		200-62822-7		200-62822-9		200-62822-11		200-62822-12	
Sample ID			SG-6A		SG-6A		SG-6A		SG-9		SG-10		SG-11		SG-12	
Collection Date			03/10/17		02/21/18		03/30/22		03/30/22		03/30/22		03/30/22		03/30/22	
Units		ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
CAS Number	Chemical Name															
71-55-6	1,1,1-TRICHLOROETHANE	NS	1.1	U	11	U	11	U	11	U	11	U	11	U	11	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	1.4	U	14	U	14	U	14	U	14	U	14	U	14	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS					15	U	15	U	15	U	15	U	15	U
75-35-4	1,1-DICHLOROETHENE	NS	0.79	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	6.0		75		9.8	U	9.8	U	9.8	UJ	9.8	U	9.8	U
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	1.6		29		9.8	U	9.8	U	9.8	U	9.8	U	9.8	U
106-99-0	1,3-BUTADIENE	NS	0.44	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
541-73-1	1,3-DICHLOROBENZENE	NS	5.6		12	U	12	U	12	U	12	U	12	U	12	U
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	6.4		76		9.3	U	9.3	U	9.3	U	9.3	U	9.3	U
622-96-8	4-ETHYLTOLUENE	NS	1.9		22		9.8	U	9.8	U	9.8	U	9.8	U	9.8	U
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS					11	U	11	U	11	U	11	U	11	U
67-64-1	ACETONE	NS	21		120	U	120	U	120	U	47	NJ	120	NJ	120	U
71-43-2	BENZENE	NS	3.5		6.4	U	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U
106-97-8	BUTANE	NS	9.8		18		12	U	12	U	12	U	12	U	12	U
75-15-0	CARBON DISULFIDE	NS	1.6	U	16	U	16	U	16	U	16	U	16	U	16	U
56-23-5	CARBON TETRACHLORIDE	NS	0.33		2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	1.8	U	18	U	18	U	4.4	NJ	4.7	NJ	4.1	NJ	3.9	NJ
67-66-3	CHLOROFORM	NS	0.98	U	9.8	U	9.8	U	9.8	U	9.8	U	9.8	U	9.8	U
74-87-3	CHLOROMETHANE	NS	1.0	U	10	U	10	U	10	U	10	U	10	U	10	U
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	0.79	U	1.4	U	2	U	2	U	2	U	2	U	2	U
110-82-7	CYCLOHEXANE	NS	2.3		9.3		6.9	U	6.9	U	6.9	U	6.9	U	6.9	U
75-71-8	DICHLORODIFLUOROMETHANE	NS	84		25	U	750		19	NJ	29		110		21	NJ
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	1.6	U	16	U	16	U	16	U	16	U	16	U	16	U
100-41-4	ETHYLBENZENE	NS	5.0		51		8.7	U	8.7	U	7.6	NJ	8.7	U	8.7	U
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	25		25	U	120	U	120	U	120	U	120	U	120	U
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS					9.8	U	9.8	U	9.8	U	9.8	U	9.8	U
179601-23-1	M,P-XYLENES	NS	17		160		22	U	22	U	30		14	NJ	22	U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	5.2		15	U	15	U	15	U	15	U	15	U	15	U
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS			7.2	U	7.2	U	7.2	U	7.2	U	7.2	U	7.2	U
75-09-2	METHYLENE CHLORIDE	NS	1.7	U	17	U	17	U	17	U	17	U	17	U	17	U
91-20-3	NAPHTHALENE	NS	2.6	UJ	26	U	26	U	26	U	26	UJ	26	UJ	26	UJ
142-82-5	N-HEPTANE	NS	3.9		24		8.2	U	8.2	U	8.2	U	8.2	U	8.2	U
110-54-3	N-HEXANE	NS	7.7		7.7		18	U	18	U	18	U	18	U	18	U
103-65-1	N-PROPYLBENZENE	NS	1.1		19		9.8	U	9.8	U	9.8	U	9.8	U	9.8	U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	5.9		89		8.7	U	8.7	U	7.5	NJ	4.5	NJ	8.7	U
100-42-5	STYRENE	NS					8.5	U	8.5	U	8.5	U	8.5	U	8.5	U
75-65-0	TERT-BUTYL ALCOHOL	NS			150	U	150	U	150	U	150	U	150	U	150	U
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	2.7		87		14	U	14	U	14	U	14	U	14	U
108-88-3	TOLUENE	NS	23		64		7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	0.79	U	7.9	U	7.9	U	7.9	U	7.9	U	7.9	U	7.9	U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	0.21	U	1.9	U	1.9	U	1.9	U	1.6	NJ	1.9	U	1.9	U
75-69-4	TRICHLOROFLUOROMETHANE	NS	3.5		11	U	11	U	11	U	11	U	11	U	11	U
75-01-4	VINYL CHLORIDE	NS	0.1	U	0.89	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
XYLENES	XYLENES, TOTAL	NS	23		250		30	U	30	U	38		19	NJ	30	U
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	3.3	NJ	24	NJ							13		13	N

Notes:
Only those analytes detected in one or more samples are presented above
Blank values indicate concentrations below laboratory method detection limits
ug/m3 = micrograms per cubic meter
NS = No Standard
Bold = Concentration exceeds Standards

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N = The analysis indicates the tentative presence of a non-target/method specified analyte
U = The analyte was analyzed for, but not detected above the reported sample quantitation limit.
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

TABLE 7B
Summary of Indoor Air Analytical Results: 2017 to 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards [1]		Cleaner (Lower)										Cleaner-2									
Medium		Subsurface Vapors	Indoor Air	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air	
Laboratory ID				200-37771-5		200-42355-3		200-47168-4		200-51061-4		200-62822-3				200-42355-4		200-47168-1		200-51061-5		200-62822-4	
Sample ID				Cleaner		Cleaner		Cleaner 2		Cleaner		Cleaner		Cleaner 2		Cleaner 2		Cleaner 2		Cleaner 2		Cleaner 2	
Collection Date				03/09/17		02/21/18		01/23/19		10/16/19		03/29/22		03/09/17		02/21/18		01/23/19		10/16/19		03/29/22	
Units		ug/m3	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
CAS Number	Chemical Name																						
71-55-6	1,1,1-TRICHLOROETHANE	NS	NS	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U			1.1	U	1.1	U	1.1	U	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U			1.4	U	1.4	U	1.4	U	1.4	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NS	NS	1.5	U	1.5	U	0.49	J	0.41	NJ	0.48	NJ	Not Yet		1.5	U	0.50	J	0.47	NJ	1.5	U
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.79	U	0.14	U	0.14	U	0.14	U	0.14	U	Established		0.14	U	0.14	U	0.14	U	0.14	U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	0.98	U	0.98	U	0.71	J	0.63	NJ	0.98	U			0.98	U	0.98	U	0.60	NJ	0.98	U
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U			0.98	U	0.98	U	0.98	U	0.98	U
106-99-0	1,3-BUTADIENE	NS	NS	0.44	U	0.44	U	0.34	J	0.44	U	0.44	U			0.44	U	0.44	U	0.44	U	0.44	U
541-73-1	1,3-DICHLOROBENZENE	NS	NS	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U			1.2	U	1.2	U	1.2	U	1.2	U
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	0.93	U	1.2		0.83	J	0.93	U	0.93	U			1.1		0.56	J	0.93	U	0.93	U
622-96-8	4-ETHYLTOLUENE	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U			0.98	U	0.98	U	0.98	U	0.98	U
67-64-1	4-ISOPROPYLTOLUENE (CYMENE)	NS	NS	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U			1.1	U	1.1	U	1.1	U	1.1	U
107-05-1	ACETONE	NS	NS	12	U	12	U	12	U	14		7.4	NJ			12	U	12	U	18		21	
100-44-7	BENZENE	NS	NS	0.64	U	0.76		2.2		0.60	NJ	0.25	NJ			0.73		0.99		0.65		0.42	NJ
75-15-0	BUTANE	NS	NS	1.4		7.5		6.2		2.9		18				6.9		3.4		3.2		48	
56-23-5	CARBON DISULFIDE	NS	NS	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U			1.6	U	1.6	U	1.6	U	1.6	U
108-90-7	CARBON TETRACHLORIDE	NS	NS	0.39		0.44		0.37		0.41		0.31				0.46		0.35		0.38		0.35	
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	1.8	U	1.8	U	1.0	J	1.4	NJ	1.0	NJ			1.8	U	0.99	J	1.5	NJ	0.98	NJ
74-87-3	CHLOROFORM	NS	NS	0.98	U	0.98	U	0.98	U	1.3		0.98	U			0.98	U	0.98	U	0.98	U	0.98	U
156-59-2	CHLOROMETHANE	NS	NS	1.0	U	1.1		1.0	J	1.3		1.3				1.1		1.2		1.5		1.4	
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.79	U	0.14	U	0.20	U	0.20	U	0.20	U			0.14	U	0.20	U	0.20	U	0.20	U
99-87-6	CYCLOHEXANE	NS	NS	0.69	U	0.69	U	0.31	J	0.69	U	0.69	U			0.69	U	0.69	U	0.69	U	0.69	U
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	2.5	U	2.5	U	2.2	J	2.9		2.2	NJ			2.5	U	2.1	J	3.1		2.2	NJ
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U			1.6	U	1.6	U	1.6	U	1.6	U
100-41-4	ETHYLBENZENE	NS	NS	0.87	U	0.87	U	0.81	J	0.52	NJ	0.87	U			0.87	U	0.37	J	0.44	NJ	0.87	U
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	12	U	12	U	12	U	12	U	20				12	U	12	U	12	U	130	J
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U			0.98	U	0.98	U	0.98	U	0.98	U
179601-23-1	M,P-XYLENES	NS	NS	2.2	U	2.2	U	2.2		0.94	NJ	2.2	U			2.2	U	0.86	J	0.84	NJ	2.2	U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	1.5	U	1.8		1.5		20		1.5	U			1.5	U	1.5		1.6		1.4	NJ
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U			0.72	U	0.72	U	0.72	U	0.72	U
91-20-3	METHYLENE CHLORIDE	NS	**60**	1.7	U	1.7	U	1.7	U	0.84	NJ	1.7	U			1.7	U	1.7	U	0.78	NJ	0.82	NJ
104-51-8	NAPHTHALENE	NS	NS	2.6	UJ	2.6	UJ	2.6	U	2.6	UJ	2.6	U			2.6	UJ	6.5	*	2.6	UJ	2.6	U
110-54-3	N-HEPTANE	NS	NS	0.82	U	0.82	U	0.56	J	1.1		0.82	U			0.82	U	0.82	U	0.97		0.59	NJ
103-65-1	N-HEXANE	NS	NS	0.70	U	0.85		0.90		1.0	JB	1.8	U			0.87		0.70	U	0.92	JB	1.8	U
95-47-6	N-PROPYLBENZENE	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U			0.98	U	0.98	U	0.98	U	0.98	U
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	0.87	U	0.87	U	0.69	J	0.45	NJ	0.87	U			0.87	U	0.87	U	0.39	NJ	0.87	U
98-06-6	STYRENE	NS	NS	0.85	U	0.85	U	0.85	U	0.56	NJ	0.85	U			0.85	U	0.85	U	0.85	U	0.85	U
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS	15	U	15	U	15	U	15	U	15	U			15	U	15	U	15	U	15	U
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	**30**	3.6		2.1		0.74	J	1.3	NJ	0.20	NJ			6.0		0.54	J	1.4	U	0.21	NJ
108-88-3	TOLUENE	NS	NS	0.87		2.2		3.7		1.7		0.75	U			2.1		1.9		1.4		0.44	NJ
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U			0.79	U	0.79	U	0.79	U	0.79	U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	**2**	0.21	U	0.19	U	0.19	U	0.19	U	0.19	U			0.19	U	0.19	U	0.19	U	0.19	U
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.1	U	1.2		1.2		1.3		1.2				1.1		1.2		1.4		1.2	
75-01-4	VINYL CHLORIDE	NS	NS	0.1	U	0.089	U	0.20	U	0.20	U	0.20	U			0.089	U	0.20	U	0.20	U	0.20	U
XYLENES	XYLENES, TOTAL	NS	NS	3	U	3.0	U	2.9	J	1.4	NJ	3.0	U			3.0	U	0.87	J	1.2	NJ	3.0	U
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS			1.1	NJ					12	N									44	N

Notes:
Only those analytes detected in one or more samples are presented above
[1] Standards from Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH October 2006, with May 2017 revisions.
NS = No Standard
Bold = Concentration exceeds Standards

Validator Qualifiers
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N = The analysis indicates the tentative presence of a non-target/method specified analyte
U = The analyte was analyzed for, but not detected above the reported sample quantitation limit.
NJ = The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte

TABLE 7B
Summary of Indoor Air Analytical Results: 2017 to 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards [1]		Cleaner-3					Bank-1				
Medium		Subsurface Vapors	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air
Laboratory ID					200-42355-5	200-47168-2	200-51061-6	200-62822-5	200-37771-1	200-42355-1	200-47168-6	200-51061-1	200-62822-1
Sample ID				Cleaner 3	Cleaner 3	Cleaner 3	Cleaner 3	Cleaner 3	Bank 1	Bank 1	Bank 1	Bank 1	Bank 1
Collection Date				03/09/17	02/21/18	01/23/19	10/16/19	03/29/22	03/09/17	02/21/18	01/23/19	10/16/19	03/29/22
Units		ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
CAS Number	Chemical Name												
71-55-6	1,1,1-TRICHLOROETHANE	NS	NS		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS		1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NS	NS	Not Yet	1.5 U	0.52 J	0.47 NJ	0.55 NJ	1.5 U	1.5 U	0.54 NJ	0.44 NJ	1.5 U
75-35-4	1,1-DICHLOROETHENE	NS	NS	Established	0.14 U	0.14 U	0.14 U	0.14 U	0.79 U	0.14 U	0.14 U	0.14 U	0.14 U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS		0.98 U	0.98 U	0.57 NJ	0.98 U	1.4	4.3	0.98 U	2.0	0.25 NJ
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	1.4	0.98 U	0.68 NJ	0.98 U
106-99-0	1,3-BUTADIENE	NS	NS		0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.24 NJ
541-73-1	1,3-DICHLOROBENZENE	NS	NS		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS		1.1	0.49 J	0.93 U	0.93 U	0.93 U	1.1	0.42 NJ	0.66 NJ	0.21 NJ
622-96-8	4-ETHYLTOLUENE	NS	NS		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	1.4	0.98 U	0.45 NJ	0.98 U
67-64-1	4-ISOPROPYLTOLUENE (CYMENE)	NS	NS		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.54 NJ	1.1 U	1.1 U
107-05-1	ACETONE	NS	NS		12 U	6.4 J	21	17	12 U	23	33	16	30
100-44-7	BENZENE	NS	NS		0.73	0.80	0.69	0.39 NJ	0.64 U	0.78	0.78	0.67	0.62 NJ
75-15-0	BUTANE	NS	NS		6.8	2.9	2.9	63	1.2 U	6.1	3.0	3.7	9.4
56-23-5	CARBON DISULFIDE	NS	NS		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
108-90-7	CARBON TETRACHLORIDE	NS	NS		0.45	0.30	0.42	0.36	0.38	0.49	0.39	0.37	0.37
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS		1.8 U	1.0 J	1.5 NJ	0.97 NJ	1.8 U	2.8	1.1 NJ	2.5	2.3
74-87-3	CHLOROFORM	NS	NS		0.98 U	0.98 U	0.98 U	0.26 NJ	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
156-59-2	CHLOROMETHANE	NS	NS		1.1	1.1	1.5	1.4	1 U	1.5	1.1	1.0	1.2
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS		0.14 U	0.20 U	0.20 U	0.20 U	0.79 U	0.14 U	0.20 U	0.20 U	0.20 U
99-87-6	CYCLOHEXANE	NS	NS		0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	4.0	0.69 U	0.69 U	0.69 U
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS		2.5 U	2.1 J	3.2	2.3 NJ	5.9	12	7.7	30	140
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
100-41-4	ETHYLBENZENE	NS	NS		0.87 U	0.87 U	0.46 NJ	0.87 U	0.87 U	0.87 U	0.60 NJ	0.64 NJ	0.87 U
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS		12 U	12 U	12 U	96	35	31	19	13	15
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.42 NJ	0.98 U	0.98 U
179601-23-1	M,P-XYLENES	NS	NS		2.2 U	0.76 J	0.89 NJ	2.2 U	2.2 U	2.2 U	2.0 NJ	1.5 NJ	2.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS		1.5 U	1.6	1.7	1.0 NJ	1.5 U	2.0	1.6	1.7	2.1
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS		0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
91-20-3	METHYLENE CHLORIDE	NS	**60**		1.7 U	1.7 U	0.84 NJ	0.60 NJ	1.7 U	1.7 U	1.7 U	0.76 NJ	1.7 U
104-51-8	NAPHTHALENE	NS	NS		2.6 UJ	2.6 U	2.6 UJ	2.6 U	2.6 UJ	2.6 UJ	2.6 U	2.6 JN	2.6 U
110-54-3	N-HEPTANE	NS	NS		0.82 U	0.82 U	0.88	0.45 NJ	0.82 U	1.2	0.82 U	0.94	0.82 U
103-65-1	N-HEXANE	NS	NS		0.81	0.70 U	0.95 JB	1.8 U	0.70 U	2.0	0.70 U	1.0 JB	1.8 U
95-47-6	N-PROPYLBENZENE	NS	NS		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS		0.87 U	0.87 U	0.46 NJ	0.87 U	0.87 U	0.87 U	0.53 NJ	0.61 NJ	0.87 U
98-06-6	STYRENE	NS	NS		0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS		15 U	15 U	15 U	15 U	15 U	17	5.9 NJ	7.0 NJ	6.3 NJ
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	**30**		7.0	0.55 J	0.21 NJ	1.4 U	2.6	3.7	0.50 NJ	0.45 NJ	0.19 NJ
108-88-3	TOLUENE	NS	NS		2.1	1.5	1.6	0.42 NJ	0.75 U	2.3	1.5	1.9	1.6
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS		0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	**2**		0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS		1.2	1.1	1.4	1.2	1.1 U	1.5	1.2	1.3	1.1
75-01-4	VINYL CHLORIDE	NS	NS		0.089 U	0.20 U	0.20 U	0.20 U	0.1 U	0.089 U	0.20 U	0.20 U	0.20 U
XYLENES	XYLENES, TOTAL	NS	NS		3.0 U	0.74 J	1.3 NJ	3.0 U	3 U	3.0 U	2.5 NJ	2.1 NJ	3.0 U
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS					61 N	12 NJ	26 NJ			12 N

Notes:
Only those analytes detected in one or more samples are presented above
[1] Standards from Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH October 2006, with May 2017 revisions.
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Bold = Concentration exceeds Standards

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N = The analysis indicates the tentative presence of a non-target/method specified analyte
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TABLE 7B
Summary of Indoor Air Analytical Results: 2017 to 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards [1]		Bank-2										Ambient							
Medium		Subsurface Vapors	Indoor Air	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Ambient Air		Ambient Air		Ambient Air		Ambient Air	
Laboratory ID				200-37771-2		200-42355-2		200-47168-5		200-51061-2		200-62822-2		200-37771-4		200-47168-3		200-51061-3		200-62822-6	
Sample ID				Bank 2		Bank 2		Bank 2		Bank 2		Bank 2		Ambient		Ambient		Ambient		Ambient	
Collection Date				03/09/17		02/21/18		01/23/19		10/16/19		03/29/22		03/09/17		01/23/19		10/16/19		03/29/22	
Units		ug/m3	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
CAS Number	Chemical Name																				
71-55-6	1,1,1-TRICHLOROETHANE	NS	NS	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NS	NS	1.5	U	1.5	U	0.50	J	0.46	NJ	0.48	NJ	1.5	U	0.50	J	1.5	U	0.56	NJ
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.79	U	0.14	U	0.14	U	0.14	U	0.14	U	0.79	U	0.14	U	0.14	U	0.14	U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	1.5		3.4		0.98	U	1.9		0.98	U	0.98	U	0.98	U	0.52	NJ	0.98	U
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	0.98	U	1.1		0.98	U	0.63	NJ	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
106-99-0	1,3-BUTADIENE	NS	NS	0.44	U	0.44	U	0.44	U	0.44	U	0.16	NJ	0.44	U	0.44	U	0.44	U	0.11	NJ
541-73-1	1,3-DICHLOROBENZENE	NS	NS	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	0.93	U	1.0		0.45	J	0.62	NJ	0.20	NJ	0.93	U	0.52	J	0.93	U	0.93	U
622-96-8	4-ETHYLTOLUENE	NS	NS	0.98	U	0.97		0.98	U	0.44	NJ	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
67-64-1	4-ISOPROPYLTOLUENE (CYMENE)	NS	NS	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
107-05-1	ACETONE	NS	NS	12	U	17		26		22		27		12	U	12	U	7.0	NJ	11	NJ
100-44-7	BENZENE	NS	NS	0.64	U	0.72		0.81		0.65		0.59	NJ	0.64	U	0.77		0.51	NJ	0.88	
75-15-0	BUTANE	NS	NS	1.2	U	6.1		3.0		3.7		11		1.2	U	3.0		2.3		1.7	
56-23-5	CARBON DISULFIDE	NS	NS	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.2	NJ	1.9	
108-90-7	CARBON TETRACHLORIDE	NS	NS	0.40		0.41		0.36		0.38		0.35		0.25	U	0.35		0.40		0.39	
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	1.8	U	2.8		1.1	J	2.7		2.3		1.8	U	0.96	J	1.2	NJ	1.0	NJ
74-87-3	CHLOROFORM	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
156-59-2	CHLOROMETHANE	NS	NS	1	U	1.1		1.2		1.2		1.3		1.0	U	0.99	J	1.2		1.5	
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.79	U	0.14	U	0.20	U	0.20	U	0.20	U	0.79	U	0.20	U	0.20	U	0.20	U
99-87-6	CYCLOHEXANE	NS	NS	0.69	U	2.9		0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	6.6		14		8.5		32		120		2.5	U	2.1	J	2.8		2.0	NJ
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
100-41-4	ETHYLBENZENE	NS	NS	0.87	U	0.87	U	0.61	J	0.65	NJ	0.87	U	0.87	U	0.87	U	0.35	NJ	0.87	U
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	24		22		20		13		18		12	U	12	U	12	U	12	U
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
179601-23-1	M,P-XYLENES	NS	NS	2.2	U	2.2	U	1.9	J	1.5	NJ	2.2	U	2.2	U	0.78	J	0.71	NJ	2.2	U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	1.5		1.5	U	3.0		1.8		1.8		1.5	U	1.2	J	1.5		1.2	J
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U
91-20-3	METHYLENE CHLORIDE	NS	**60**	1.7	U	1.7	U	1.7	U	0.97	NJ	0.97	MJ	1.7	U	1.7	U	1.7	U	1.1	NJ
104-51-8	NAPHTHALENE	NS	NS	2.6	UJ	2.6	UJ	2.6	U	2.6	UJ	2.6	U	2.6	UJ	2.6	U	2.6	UJ	2.6	U
110-54-3	N-HEPTANE	NS	NS	0.82	U	1.1		0.82	U	0.94		0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
103-65-1	N-HEXANE	NS	NS	0.7	U	1.6		0.70	U	1.1	JB	1.8	U	0.70	U	0.70	U	0.98	JB	1.8	U
95-47-6	N-PROPYLBENZENE	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	0.87	U	0.87	U	0.54	J	0.60	NJ	0.87	U	0.87	U	0.87	U	0.34	NJ	0.87	U
98-06-6	STYRENE	NS	NS	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS	15	U	15	U	10	J	6.6	NJ	8.8	NJ	15	U	15	U	15	U	15	U
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	**30**	2.4		4.3		0.78	J	0.63	NJ	1.4	U	1.4	U	0.50	J	1.4	U	0.75	NJ
108-88-3	TOLUENE	NS	NS	0.84		2.3		2.1		2.2		1.4		0.75	U	1.4		1.0		0.63	NJ
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	**2**	0.21	U	0.19	U	0.19	U	0.19	U	0.19	U	0.21	U	0.19	U	0.19	U	0.19	U
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.1	U	1.4		1.1		1.3		1.2		1.1	U	1.1		1.3		1.2	
75-01-4	VINYL CHLORIDE	NS	NS	0.1	U	0.089	U	0.20	U	0.20	U	0.20	U	0.10	U	0.20	U	0.20	U	0.20	U
XYLENES	XYLENES, TOTAL	NS	NS	3	U	3.0	U	2.4	J	2.1	NJ	3.0	U	3.0	U	0.78	J	1.0	NJ	3.0	U
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS	7.6	NJ	4.1	NJ					13	N							3.4	NJ

Notes:
Only those analytes detected in one or more samples are presented above
[1] Standards from Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH October 2006, with May 2017 revisions.
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TABLE 7B
Summary of Indoor Air Analytical Results: 2017 to 2022
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards [1]		System B Effluent Stack		System C Effluent Stack	
Medium		Subsurface Vapors	Indoor Air	Effluent		Effluent	
Laboratory ID				200-37771-4		200-62822-13	
Sample ID				Ambient		System C Effluent	
Collection Date				03/09/17		03/30/22	
Units		ug/m3	ug/m3	ug/m3		ug/m3	
CAS Number	Chemical Name						
71-55-6	1,1,1-TRICHLOROETHANE	NS	NS	3.3	U	11	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	4.2	U	14	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NS	NS	4.6	U	15	U
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.42	U	1.4	U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	17		9.8	U
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	4.7		9.8	U
106-99-0	1,3-BUTADIENE	NS	NS	1.3	U	4.4	U
541-73-1	1,3-DICHLOROBENZENE	NS	NS	3.6	U	12	U
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	40		1.7	NJ
622-96-8	4-ETHYLTOLUENE	NS	NS	4.2		9.8	U
67-64-1	4-ISOPROPYLTOLUENE (CYMENE)	NS	NS	3.3	U	11	U
107-05-1	ACETONE	NS	NS	36	U	120	U
100-44-7	BENZENE	NS	NS	6.4		6.4	U
75-15-0	BUTANE	NS	NS	64		12	U
56-23-5	CARBON DISULFIDE	NS	NS	1.6	U	16	U
108-90-7	CARBON TETRACHLORIDE	NS	NS	0.67	U	2.2	U
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	5.4	U	18	U
74-87-3	CHLOROFORM	NS	NS	3	U	9.8	U
156-59-2	CHLOROMETHANE	NS	NS	3.1	U	10	U
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	2.1		2	U
99-87-6	CYCLOHEXANE	NS	NS	16		6.9	U
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	7.5	U	33	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	2.1	J	16	U
100-41-4	ETHYLBENZENE	NS	NS	9.4		8.7	U
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	37	U	120	U
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS	0.92	J	9.8	U
179601-23-1	M,P-XYLENES	NS	NS	36		22	U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	5.6		15	U
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	2.2	U	7.2	U
91-20-3	METHYLENE CHLORIDE	NS	**60**	5.3	U	17	U
104-51-8	NAPHTHALENE	NS	NS	7.9	U	26	UJ
110-54-3	N-HEPTANE	NS	NS	17		8.2	U
103-65-1	N-HEXANE	NS	NS	31		18	U
95-47-6	N-PROPYLBENZENE	NS	NS	2.7	J	9.8	U
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	13		8.7	U
98-06-6	STYRENE	NS	NS	0.85	U	8.5	U
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS	46	U	150	U
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	**30**	220		2.8	NJ
108-88-3	TOLUENE	NS	NS	48		7.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	2.4	U	7.9	U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	**2**	5.9		1.9	U
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.1	J	11	U
75-01-4	VINYL CHLORIDE	NS	NS	0.61	U	2.0	U
XYLENES	XYLENES, TOTAL	NS	NS	48		30	U
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS			35	N

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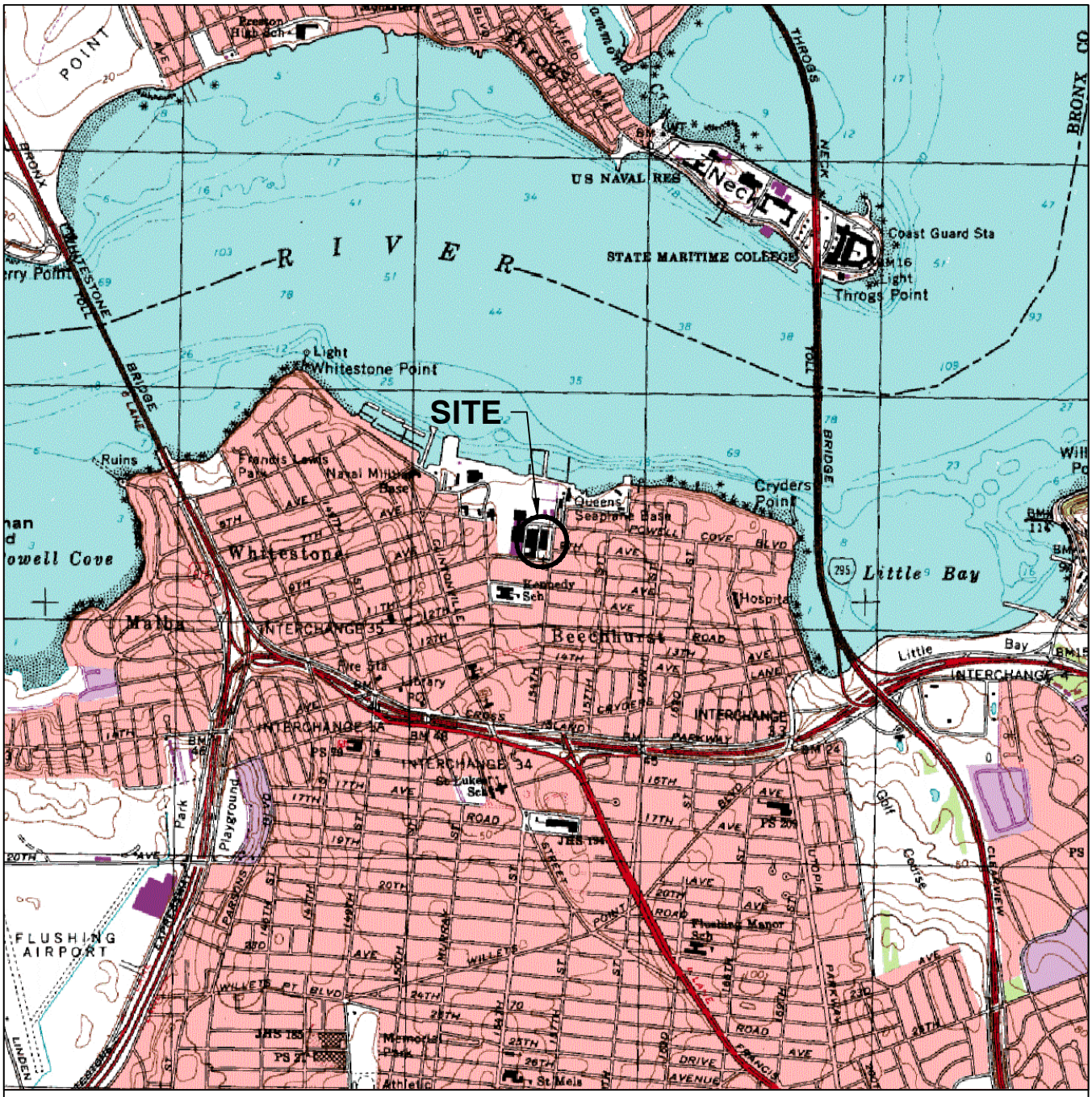
FIGURES



MAP SOURCE:

MICROSOFT RESEARCH MAPS

USGS FLUSHING [NY] QUAD
1992
40.7938°N, 73.8074°W (NAD83/WGS84)

2000 0 2000

Scale in feet

File: 3_20_18_WALBAUMS_FIG_1.dwg MARCH, 2018 191711695

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Stantec

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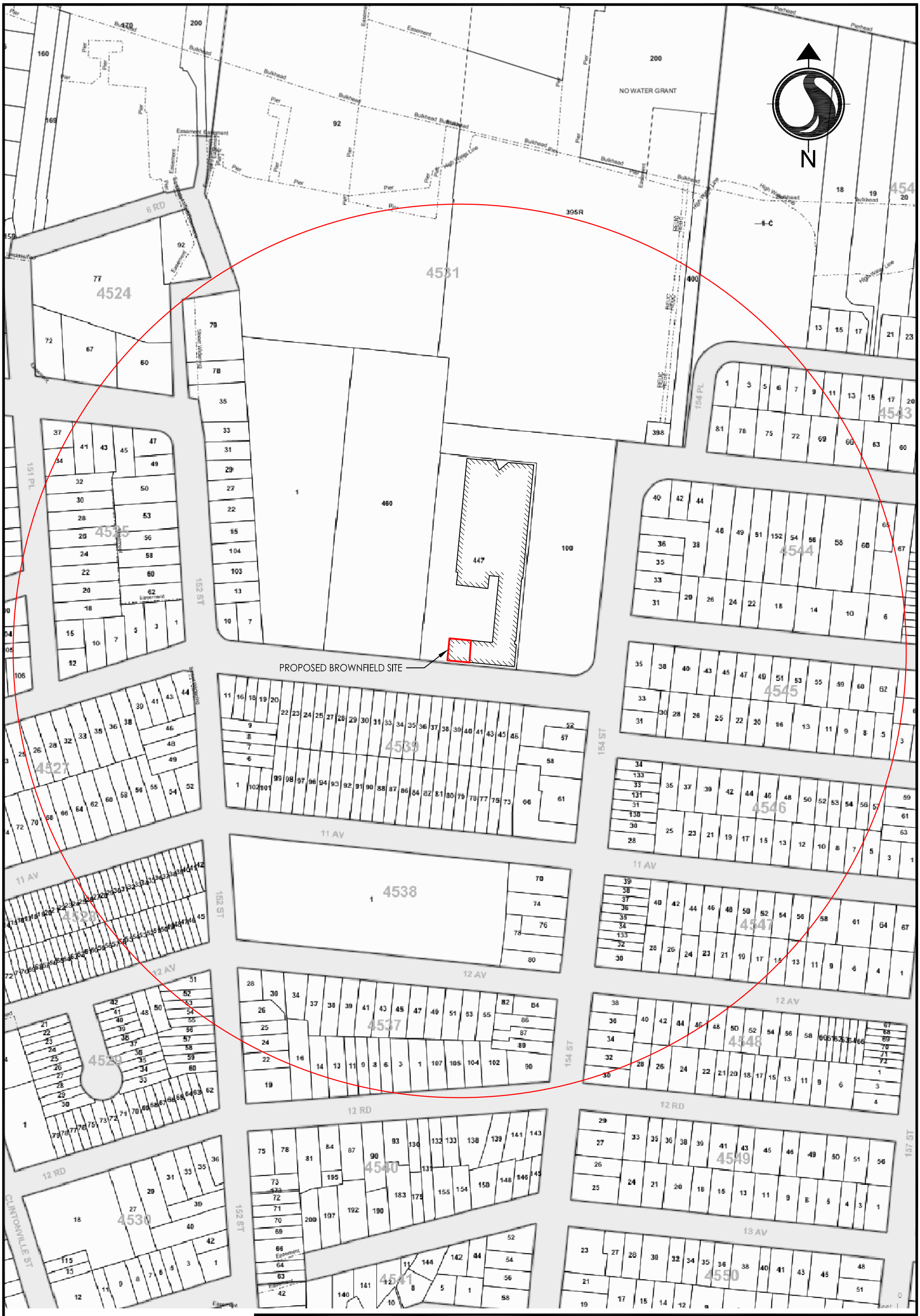
Client/Project
WALBAUM'S SUPERMARKET
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Figure No.
1.0

Title
SITE LOCATION MAP



Stantec Consulting Services Inc.

Stantec

STANTEC OFFICE LOCATION: AUBURN, NEW HAMPSHIRE				
DATE PREPARED: 3–20–18	DESIGNED BY: JJW	DRAWN BY: JJW	CHECKED BY: DFM	REVIEWED BY: RJN
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PROJECT NAME/FILE NAME: 10TH AVE WHITESTONE, NY		PROJECT NUMBER/PHASE: 191710864	SCALE: 1" = 200'	

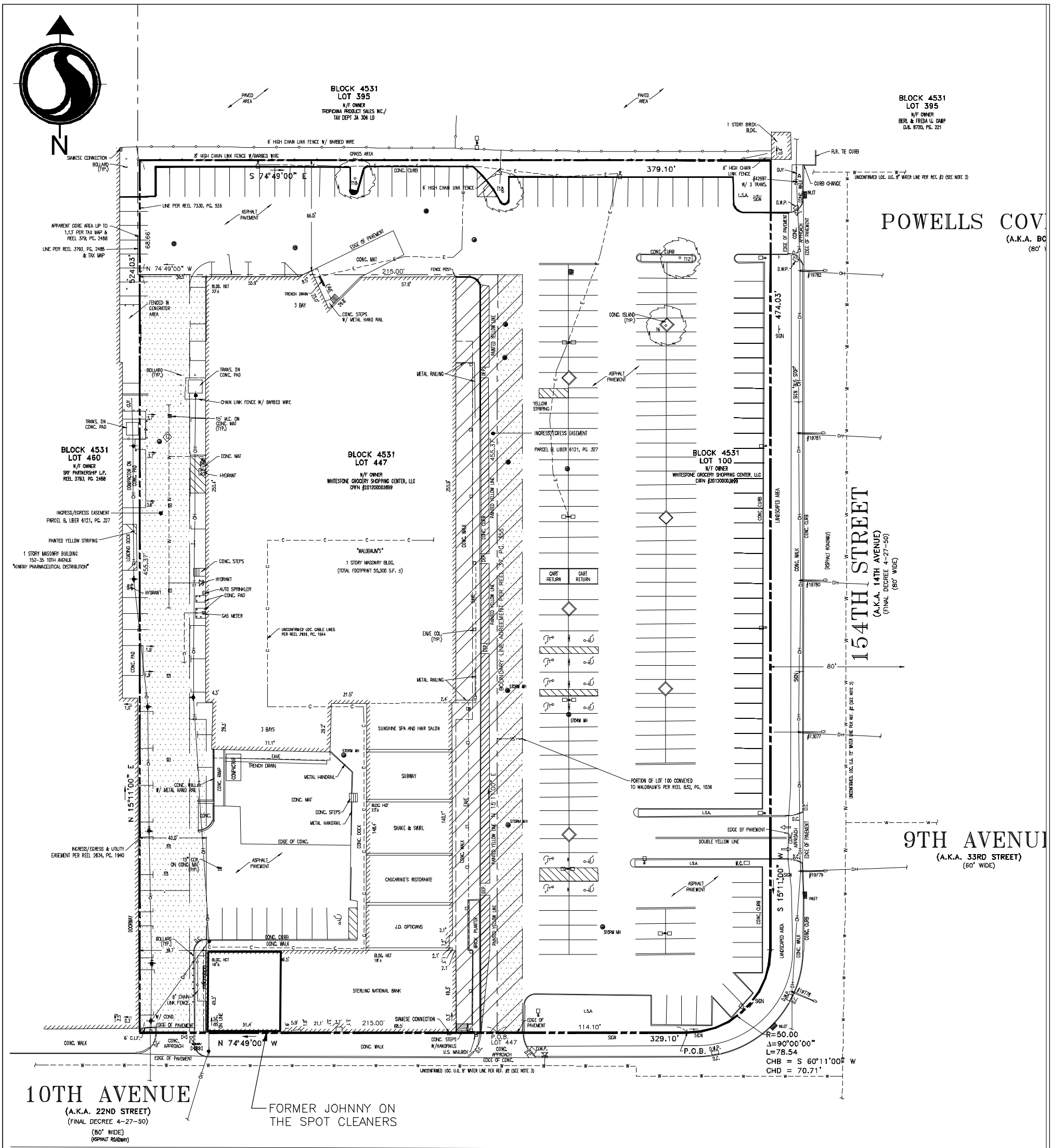
DRAWING TITLE:

TAX MAP

FORMER JOHNNY ON THE SPOT CLEANERS
152–45 TO 153–01 10TH AVE
WHITESTONE, QUEENS, NY

PREPARED FOR: NEW YORK STATE DEC

FIGURE NO. 2



Notes

BASE MAP DEVELOPED FROM PLAN ENTITLED:
MONITORING WELL LOCATION PLAN, WHITESTONE GROCERY SHOPPING CENTER, LLC, PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED MARCH 3, 2018.
ORIGINAL SCALE 1"=20'

0 60' 120'

Stantec

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Auburn NH 03032-3984
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2018.03.22 2:46:58 PM

LEGEND

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
SITE MAP

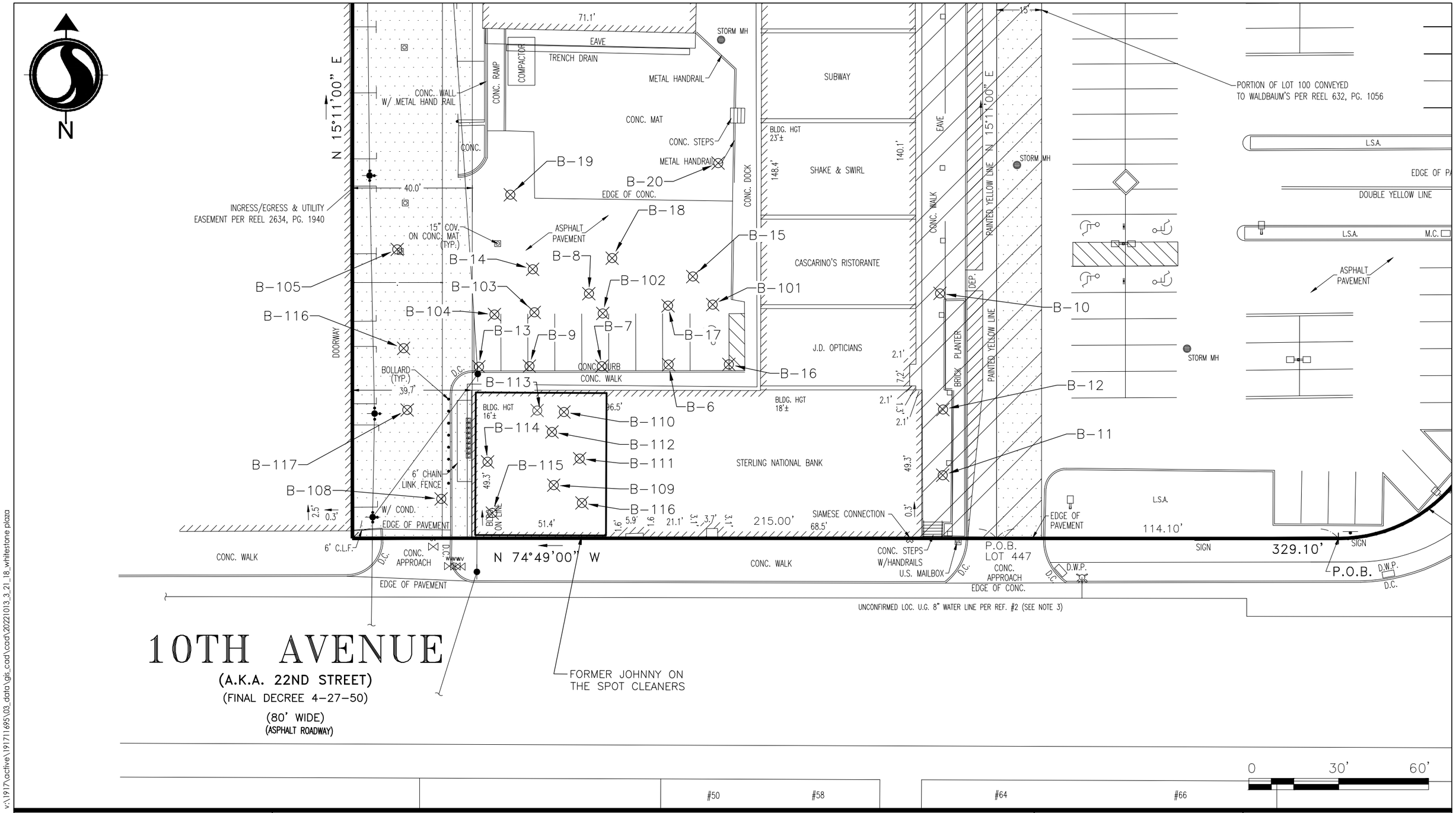
Revision

Date
2018.03.15

Reference Sheet

Figure No.
2A

v:\`9`7\active\191711695\03_data\gis_cad\cad\3_21_18_whitestore plaza



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Notes

LEGEND

⊗ B-110 SOIL BORING DESIGNATION AND LOCATION

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
SITE MAP WITH SOIL BORING LOCATIONS

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
3A

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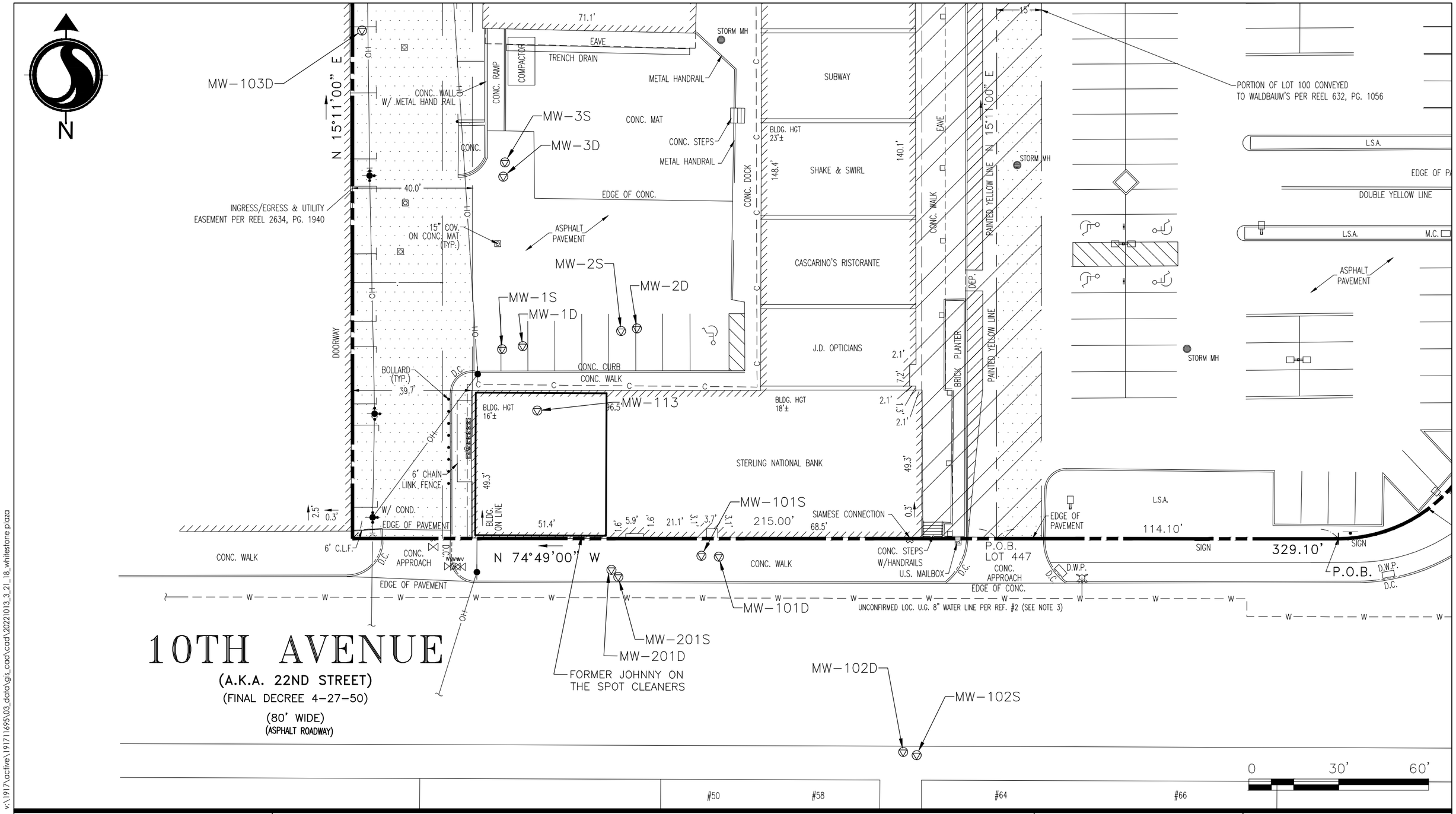

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Tel: 603.669.8672
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Notes

LEGEND

MW-15 — MONITORING WELL DESIGNATION AND LOCATION

S = SHALLOW WELL

D = DEEP WELL

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
SITE MAP WITH MONITORING WELL LOCATIONS

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
3B

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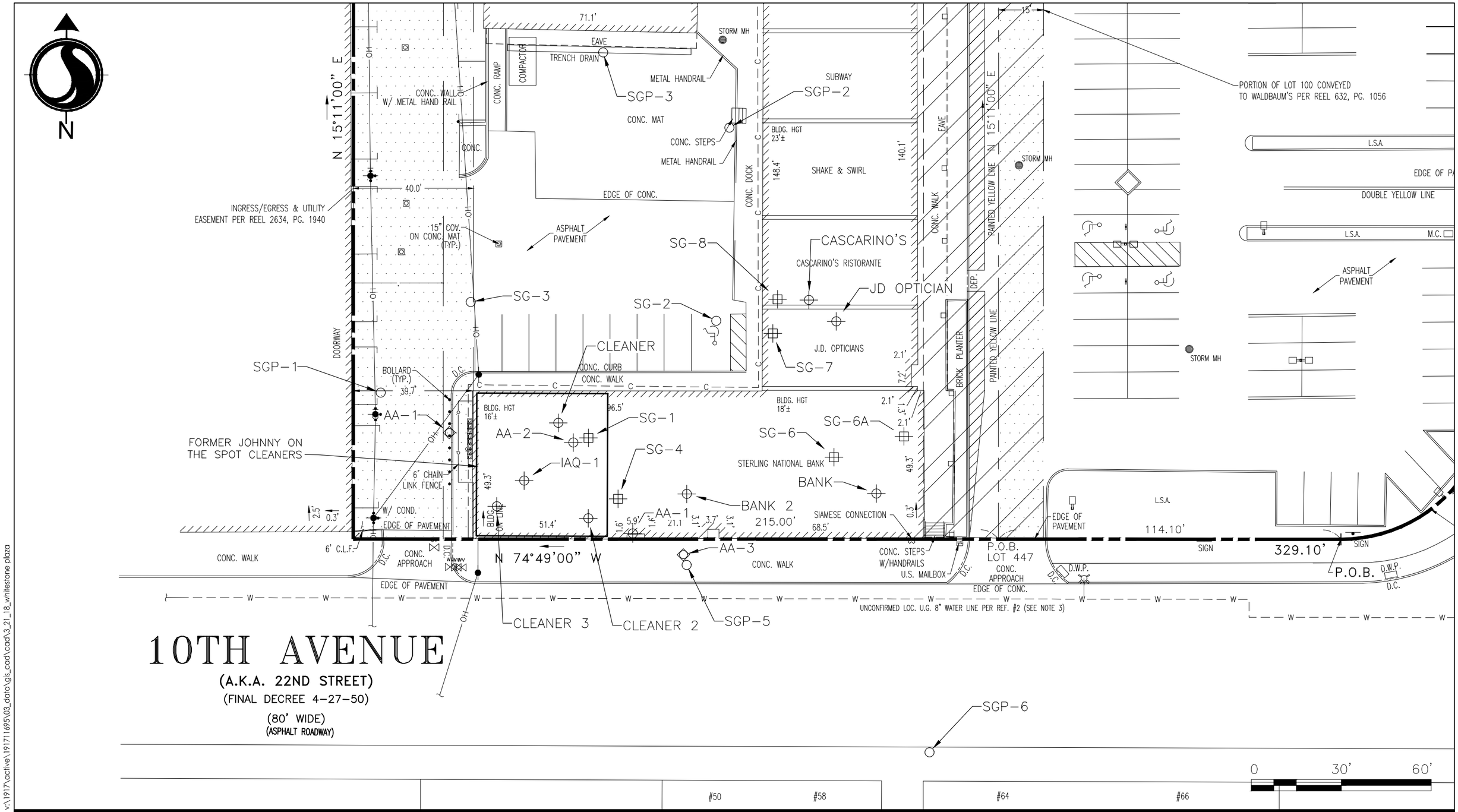

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Notes

LEGEND

○ SGP-5	SOIL VAPOR PROBE DESIGNATION AND LOCATION
⊞ SG-1	SUB-SLAB VAPOR PROBE DESIGNATION AND LOCATION
⊕ AA-1	INDOOR AIR SAMPLE DESIGNATION AND LOCATION
◇ AA-3	OUTSIDE / AMBIENT SAMPLE DESIGNATION AND LOCATION

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
SITE MAP WITH VAPOR INTRUSION LOCATIONS

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
3C

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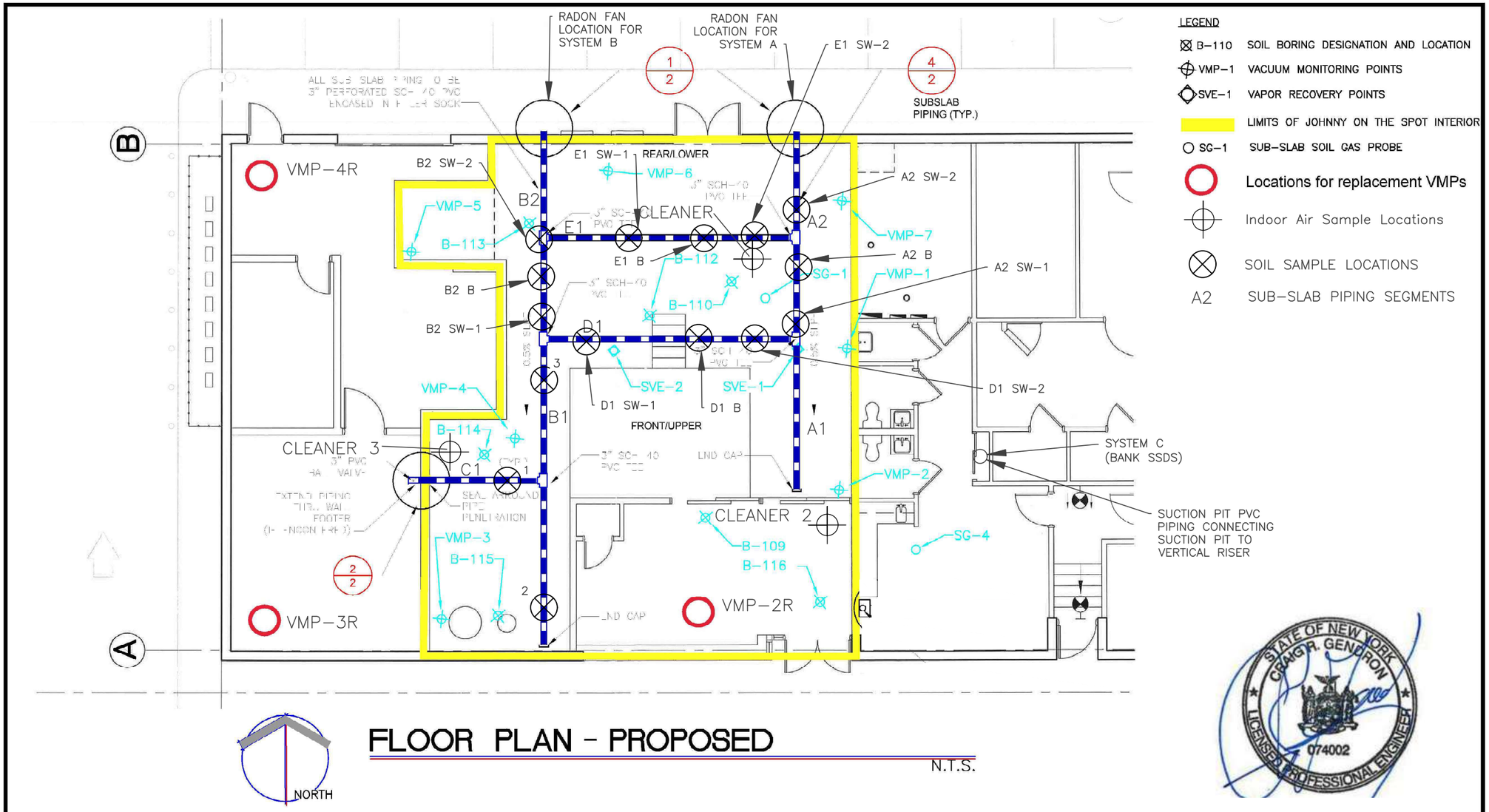


FLOOR PLAN - PROPOSED

N.T.S.

STATE OF NEW YORK
CRAIG R. GENDRON
074002
LICENSED PROFESSIONAL ENGINEER

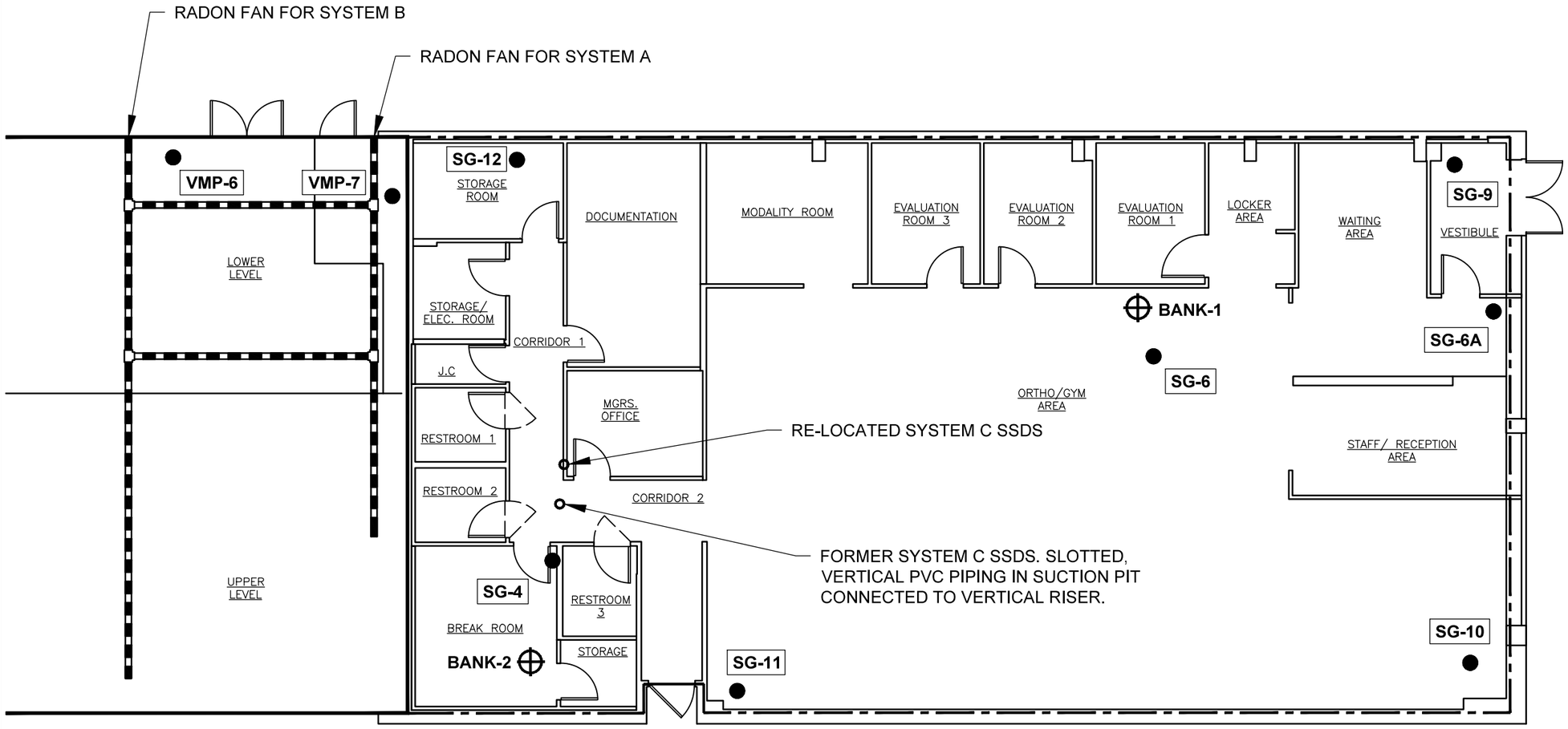
Stantec
9400 SW BARNES ROAD
SUITE 200
PORTLAND, OR. 97255-6690
www.stantec.com

FOR:
WHITESTONE PLAZA
152-45 TO 153-01 10TH
WHITESTONE, QUEENS, NY

SUB-SLAB PIPING & MONITORING POINTS PLAN
FORMER JOHNNY ON THE SPOT CLEANERS

FIGURE: **3D**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	
191711695	ESW	PV	PV	06/13/18



ORIGINAL SHEET - ANSI B

File: Whitestone Floor Plan Sub Slab locations.dwg Month, Year 191711695

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Legend

- SG-4 — EXISTING SUB_SLAB GAS PROBE
- LIMITS OF FORMER JOHNNY ON THE SPOT CLEANERS
- BANK-1 — INDOOR AIR SAMPLE
- HORIZONTAL SUB SLAB PIPING IN FMR JOHNNY ON THE SPOT

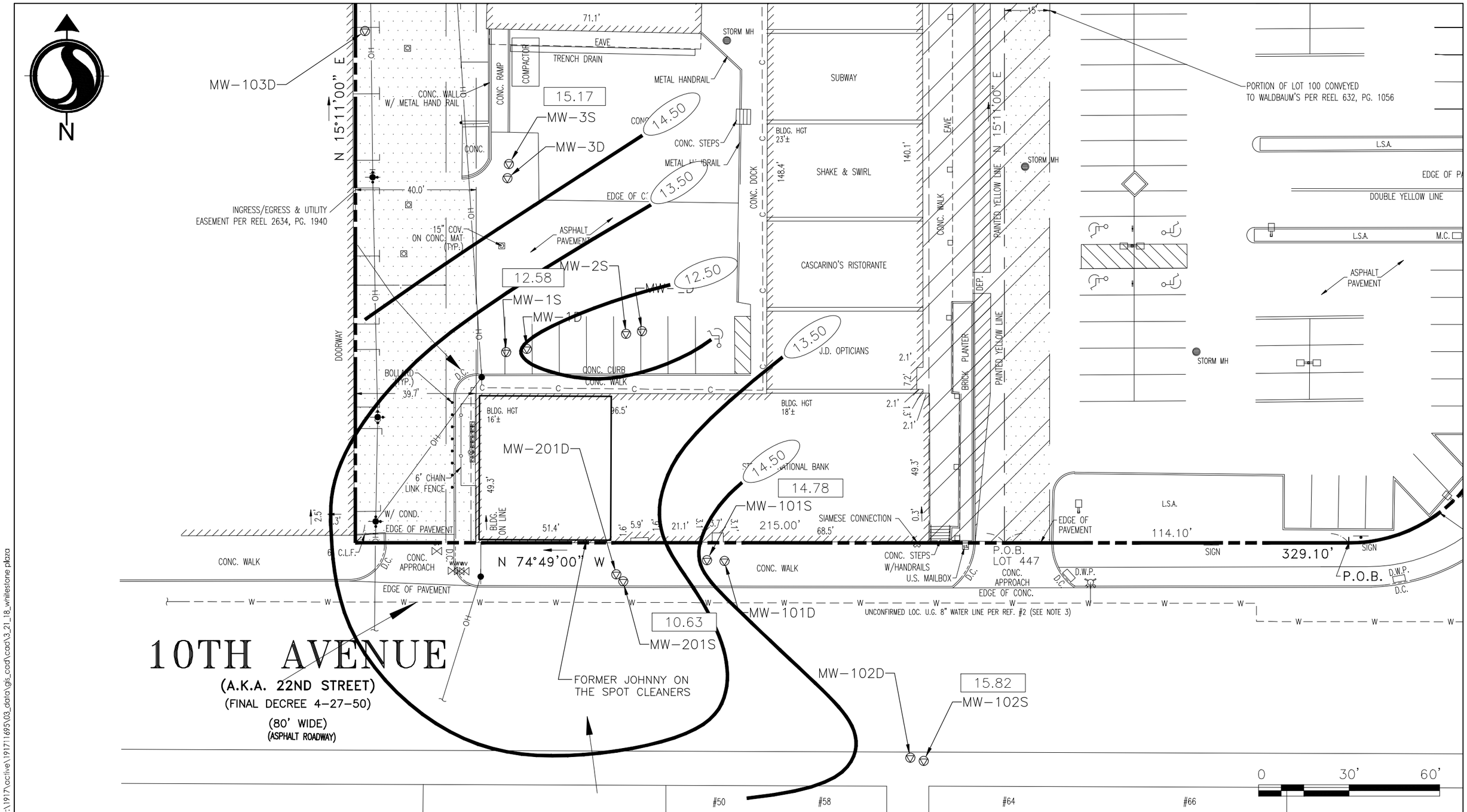
Notes

PLAN IS BASED ON "PROPOSED FIRST FLOOR PLAN" PREPARED BY DEGIAIMO GROUP ARCHITECTS, LLP
SYSTEM C SSDS, RE-LOCATED ON 5/4/22

Client/Project
FEIL / WHITESTONE

Figure No.
3E

Title
PIPING PLAN AND MONITORING POINTS. STARS REHABILITATION CENTER (FORMER BANK)



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Notes

LEGEND

- MW-15 — MONITORING WELL DESIGNATION AND LOCATION
  - S = SHALLOW WELL
  - D = DEEP WELL
- 15.82 — MEASURED WATER TABLE ELEVATION (BASED ON WELL GAUGING DATA COLLECTED ON NOVEMBER 7, 2017
- 14.5 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUNDWATER FLOW

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

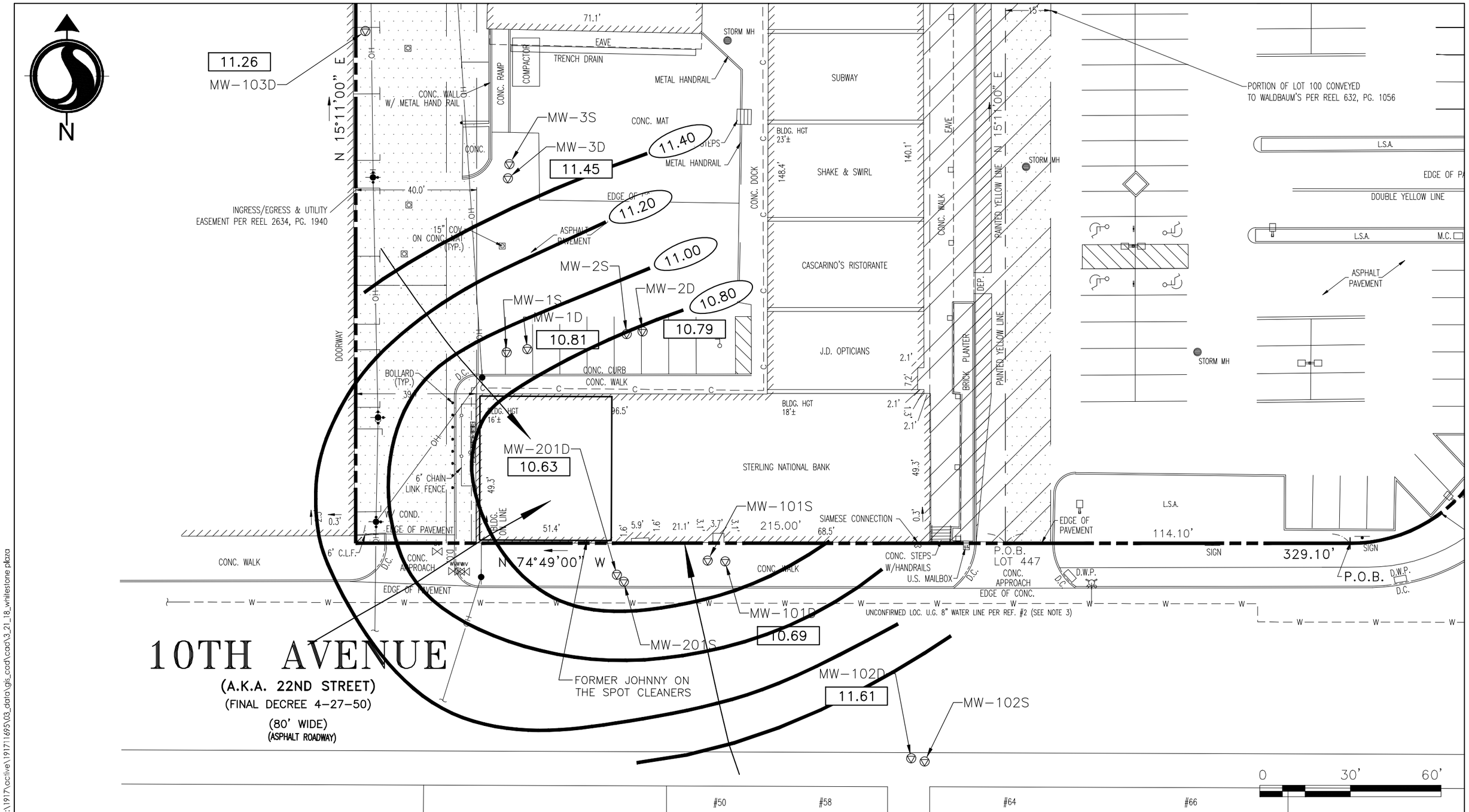
Title
SHALLOW GROUNDWATER FLOW NOVEMBER 2017

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
4A



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- 11.61 — MEASURED WATER TABLE ELEVATION (BASED ON WELL GAUGING DATA COLLECTED ON NOVEMBER 7, 2017
- 10.80 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUNDWATER FLOW

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
DEEP GROUNDWATER FLOW NOVEMBER 2017

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
4B

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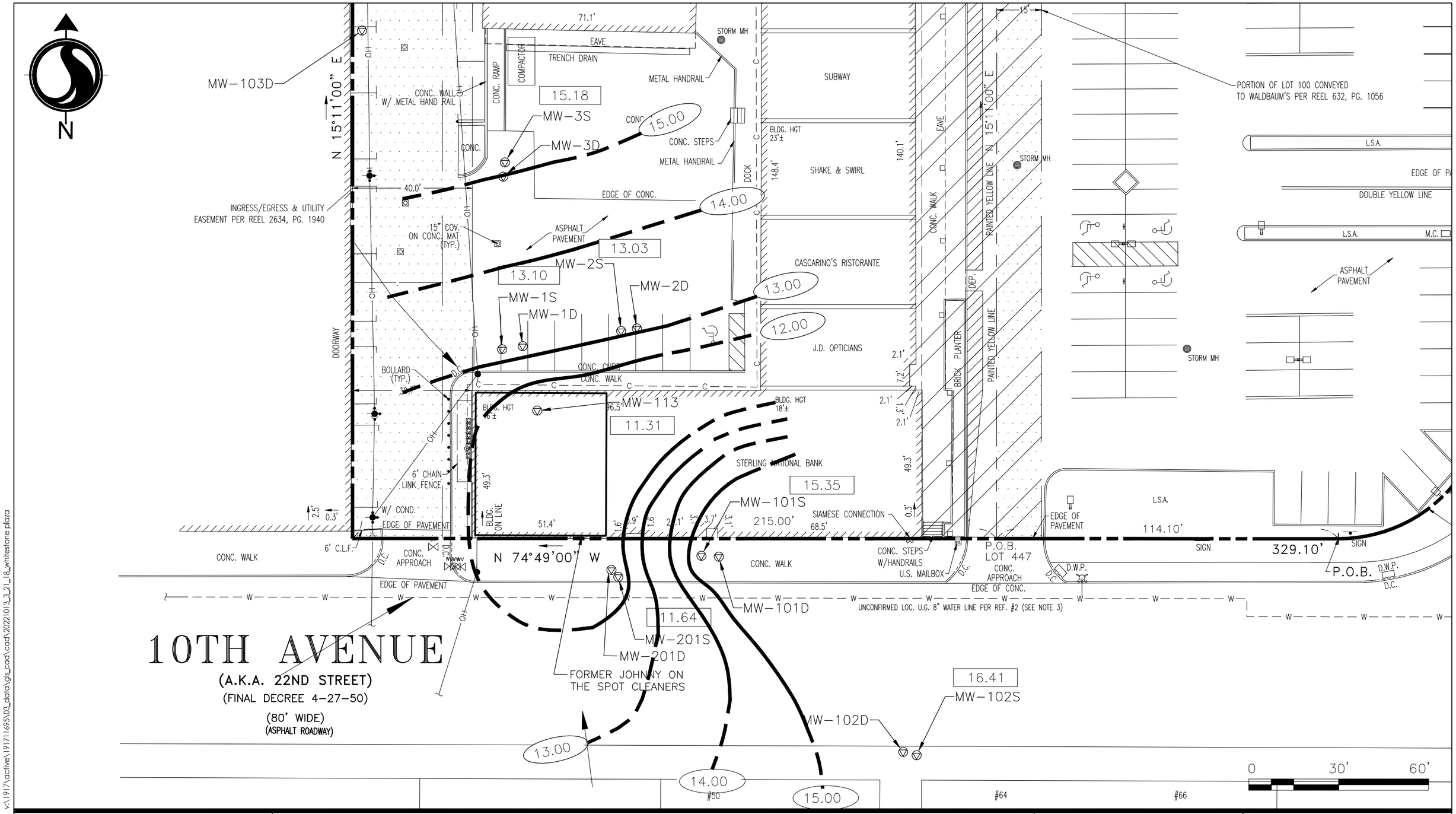

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Notes

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14.5 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

INFERRED DIRECTION OF GROUNDWATER FLOW

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
SHALLOW GROUNDWATER FLOW **JUNE 2022**

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
4C

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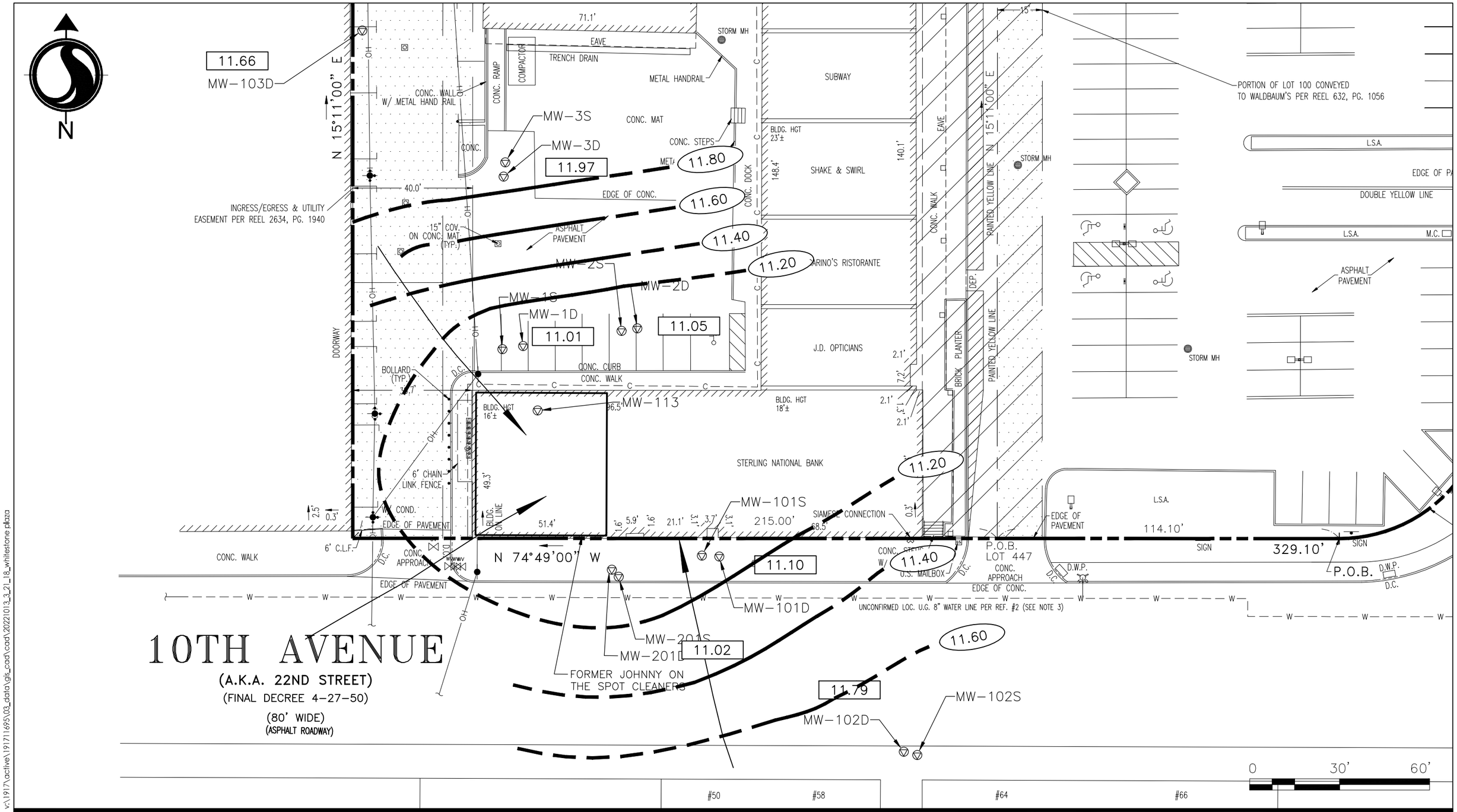

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Notes

LEGEND

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10.80 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

INFERRED DIRECTION OF GROUNDWATER FLOW

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
DEEP GROUNDWATER FLOW **JUNE 2022**

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
4D

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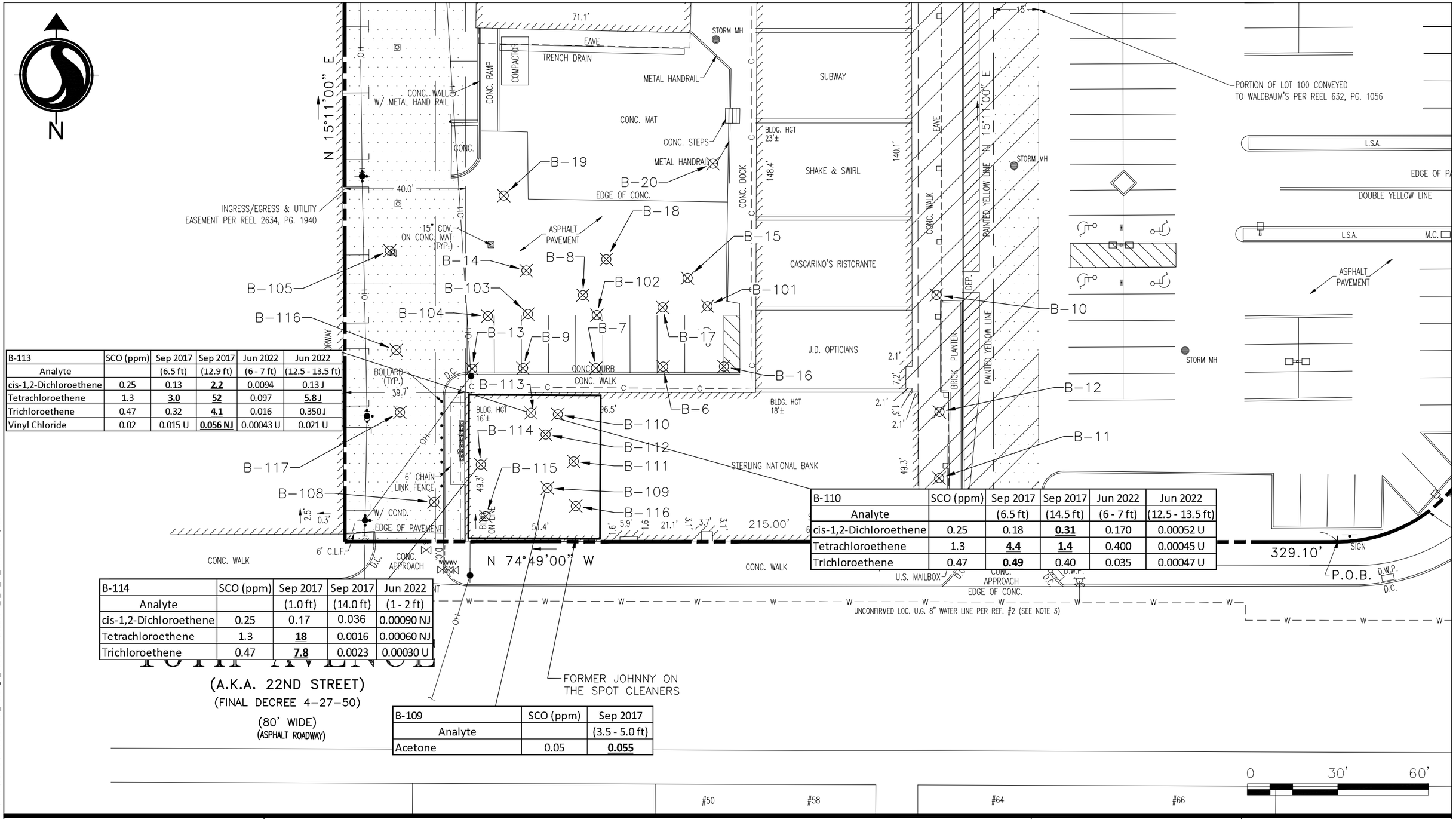

B-113	SCO (ppm)	Sep 2017	Sep 2017	Jun 2022	Jun 2022
Analyte		(6.5 ft)	(12.9 ft)	(6 - 7 ft)	(12.5 - 13.5 ft)
cis-1,2-Dichloroethene	0.25	0.13	**2.2**	0.0094	0.13 J
Tetrachloroethene	1.3	**3.0**	**52**	0.097	**5.8 J**
Trichloroethene	0.47	0.32	**4.1**	0.016	0.350 J
Vinyl Chloride	0.02	0.015 U	**0.056 NJ**	0.00043 U	0.021 U

B-110	SCO (ppm)	Sep 2017	Sep 2017	Jun 2022	Jun 2022
Analyte		(6.5 ft)	(14.5 ft)	(6 - 7 ft)	(12.5 - 13.5 ft)
cis-1,2-Dichloroethene	0.25	0.18	**0.31**	0.170	0.00052 U
Tetrachloroethene	1.3	**4.4**	**1.4**	0.400	0.00045 U
Trichloroethene	0.47	**0.49**	0.40	0.035	0.00047 U

B-114	SCO (ppm)	Sep 2017	Sep 2017	Jun 2022
Analyte		(1.0 ft)	(14.0 ft)	(1 - 2 ft)
cis-1,2-Dichloroethene	0.25	0.17	0.036	0.00090 NJ
Tetrachloroethene	1.3	**18**	0.0016	0.00060 NJ
Trichloroethene	0.47	**7.8**	0.0023	0.00030 U

B-109	SCO (ppm)	Sep 2017
Analyte		(3.5 - 5.0 ft)
Acetone	0.05	**0.055**

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Notes

LEGEND

⊠ B-110 SOIL BORING DESIGNATION AND LOCATION

Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

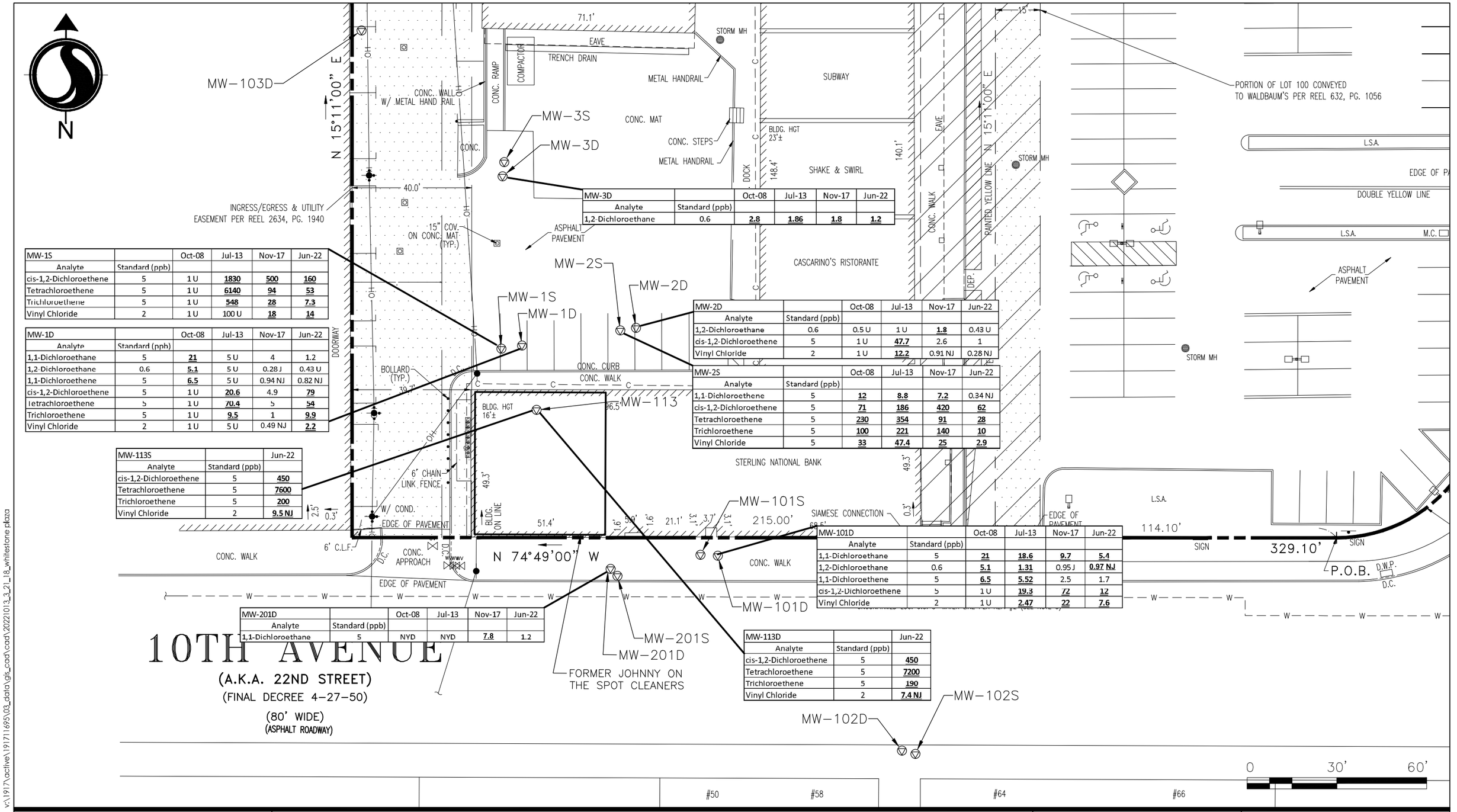
Title
VOCS IN SOILS EXCEEDING SOIL CLEANUP OBJECTIVES

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
5



MW-3D		Oct-08	Jul-13	Nov-17	Jun-22
Analyte	Standard (ppb)				
1,2-Dichloroethane	0.6	**2.8**	**1.86**	**1.8**	**1.2**

MW-1S		Oct-08	Jul-13	Nov-17	Jun-22
Analyte	Standard (ppb)				
cis-1,2-Dichloroethene	5	1 U	**1830**	**500**	**160**
Tetrachloroethene	5	1 U	**6140**	**94**	**53**
Trichloroethene	5	1 U	**548**	**28**	**7.3**
Vinyl Chloride	2	1 U	100 U	**18**	**14**

MW-1D		Oct-08	Jul-13	Nov-17	Jun-22
Analyte	Standard (ppb)				
1,1-Dichloroethane	5	**21**	5 U	4	1.2
1,2-Dichloroethane	0.6	**5.1**	5 U	0.28 J	0.43 U
1,1-Dichloroethene	5	**6.5**	5 U	0.94 NJ	0.82 NJ
cis-1,2-Dichloroethene	5	1 U	**20.6**	4.9	**79**
Tetrachloroethene	5	1 U	**70.4**	5	**54**
Trichloroethene	5	1 U	**9.5**	1	**9.9**
Vinyl Chloride	2	1 U	5 U	0.49 NJ	**2.2**

MW-2D		Oct-08	Jul-13	Nov-17	Jun-22
Analyte	Standard (ppb)				
1,2-Dichloroethane	0.6	0.5 U	1 U	**1.8**	0.43 U
cis-1,2-Dichloroethene	5	1 U	**47.7**	2.6	1
Vinyl Chloride	2	1 U	**12.2**	0.91 NJ	0.28 NJ

MW-2S		Oct-08	Jul-13	Nov-17	Jun-22
Analyte	Standard (ppb)				
1,1-Dichloroethene	5	**12**	**8.8**	**7.2**	0.34 NJ
cis-1,2-Dichloroethene	5	**71**	**186**	**420**	**62**
Tetrachloroethene	5	**230**	**354**	**91**	**28**
Trichloroethene	5	**100**	**221**	**140**	**10**
Vinyl Chloride	5	**33**	**47.4**	**25**	**2.9**

MW-113S		Jun-22
Analyte	Standard (ppb)	
cis-1,2-Dichloroethene	5	**450**
Tetrachloroethene	5	**7600**
Trichloroethene	5	**200**
Vinyl Chloride	2	**9.5 NJ**

MW-101D		Oct-08	Jul-13	Nov-17	Jun-22
Analyte	Standard (ppb)				
1,1-Dichloroethane	5	**21**	**18.6**	**9.7**	**5.4**
1,2-Dichloroethane	0.6	**5.1**	**1.31**	0.95 J	**0.97 NJ**
1,1-Dichloroethene	5	**6.5**	**5.52**	2.5	1.7
cis-1,2-Dichloroethene	5	1 U	**19.3**	**72**	**12**
Vinyl Chloride	2	1 U	**2.47**	**22**	**7.6**

MW-201D		Oct-08	Jul-13	Nov-17	Jun-22
Analyte	Standard (ppb)				
1,1-Dichloroethane	5	NYD	NYD	**7.8**	1.2

MW-113D		Jun-22
Analyte	Standard (ppb)	
cis-1,2-Dichloroethene	5	**450**
Tetrachloroethene	5	**7200**
Trichloroethene	5	**190**
Vinyl Chloride	2	**7.4 NJ**

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Notes

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MW-15 — MONITORING WELL DESIGNATION AND LOCATION

S = SHALLOW WELL

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Client/Project
WHITESTONE PLAZA
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY

Project No.
191711695

Title
VOCS IN GROUNDWATER EXCEEDING GW QUALITY STANDARDS

Revision

Date
2018.03.15

Reference Sheet
X-XXX

Figure No.
6

APPENDIX A – G (on CD)

APPENDIX A: Copies of Pertinent Figures and Data Tables From Previous Reports

APPENDIX B: Boring Logs

APPENDIX C: DUSR and Laboratory Report – June 2022 Soils

APPENDIX D: Grain Size Distribution Results

APPENDIX E: Low Flow Purge and Sample Forms – June & August 2022 GW

APPENDIX F: DUSR and Laboratory Report – June 2022 GW

APPENDIX G: DUSR and Laboratory Report – August 2022 GW

APPENDIX A

Copies of Pertinent Figures and Data Tables From Previous Reports

APPENDIX B

Boring Logs

APPENDIX C

DUDR and Laboratory Report – June 2022 Soils

APPENDIX D

Grain Size Distribution Results

APPENDIX E

Low Flow Purge and Sample Forms

June and August 2022 Groundwater

APPENDIX F

DUSR and Laboratory Report

June 2022 Groundwater

APPENDIX G

DUSR and Laboratory Report

August 2022 Groundwater

APPENDIX H

Sub-Slab Soil Gas and Indoor Air Quality Results and DUSR – February 2018