

Remedial Investigation Report

Former Johnny on the Spot Cleaners
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.

DRAFT

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Sign-off Sheet

Prepared by Donald F. Moore
(signature)

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Reviewed by AJD
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Alexander J. DeNadai, P.E., PMP, LEED AP

CERTIFICATION

I, Alexander J. DeNadai, certify that I am currently a NYS registered professional engineer in the State of New York as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with the applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that the activities were performed in accordance with the DER-approved work plan and any DER-approved modifications.

AJD

Signature

10/31/25

Date

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LIST OF ACRONYMS

ADT	Aquifer Drilling and Testing
AMSL	Above Mean Sea Level
AWQSGVS	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BLS	Below Land Surface
CPA	Control Point Associates
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
IAQ	Indoor Air Quality
IRM	Interim Remedial Measure
IRM-CCR	Interim Remedial Measures-Construction Completion Report
IRMWP	Interim Remedial Measures Work Plan
MDL	Method Detection Limit
MG/KG	Milligrams per Kilogram
MG/L	Milligrams per Liter
MSL	Mean Sea Level
NAVD	North American Vertical Datum
NG/L	Nanograms per Liter
NYCCR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
OM&M	Operation, Maintenance and Monitoring
PCBs	Poly-chlorinated Biphenyls
PCE	Perchloroethene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PGW	Protection of Groundwater
PID	Photoionization Detector
PPB	Part per Billion
PPM	Part per Million
PPT	Part per Trillion
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SF	Square Feet
SRIWP	Supplemental Remedial Investigation Work Plan
SSD	Sub-slab Depressurization
SSDS	Sub-slab Depressurization System
SSF	State Superfund
SSSG	Sub-slab Soil Gas



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SVOC	Semi Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TOGS	Technical and Operational Guidance Series
UG/KG	Micrograms per Kilogram
UG/L	Micrograms per Liter
VC	Vinyl Chloride
VI	Vapor Intrusion
VOC	Volatile Organic Compound



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 NYSDEC on March 3, 2017.

In July 2015, A&P filed for Chapter 11 bankruptcy protection and the A&P Waldbaum's grocery store closed. Several 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 the environmental professional for this Site. Feil entered into a Brownfield Cleanup Agreement (BCA, index no. C241125) with the NYSDEC in January 2017.

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 organic compounds (SVOCs), Target Analyte List (TAL) Metals, polychlorinated biphenyls (PCBs), Pesticides, and emerging contaminants (per- and polyfluoroalkyl substances [PFAS] and 1,4-dioxane). This supplemental investigation work was required due to the Site's approval into the New York State (NYS) Brownfield Cleanup Program (BCP) and the fact that these (potential) compounds of concern (COCs) were not tested during previous investigations at the Site.

Stantec submitted a supplemental remedial investigation workplan (SRIWP) in December 2020. After further NYSDEC review and response, Stantec's SRIWP, dated February 16, 2022, was approved by NYSDEC on March 14, 2022. The supplemental investigation field work was conducted from June to August 2022 and the results presented in Stantec's report entitled *Supplemental Remedial Investigation Report*, dated October 28, 2022 (i.e., the 2022 SRIR). Based

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on comments provided by NYSDEC and NYSDOH on January 13, 2025, Stantec subsequently combined the 2018 draft RIR and the 2022 SRIR into a comprehensive RIR, which was submitted to NYSDEC on March 31, 2025 (the 2025 RIR). Based on comments provided by NYSDEC and NYSDOH on May 6, 2025, Stantec subsequently submitted a revised 2025 RIR on June 6, 2025. NYSDEC reviewed the June 6, 2025 revised RIR and requested, via email, that an additional round of groundwater samples be collected for volatile organic compound analyses. This additional sampling was conducted in September 2025. The results of the September 2025 sampling are included herein.

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

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

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Point of Contact: Mr. Peter O'Connor
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The Technical Consultant for this RIR is:

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The Qualified Professional: Donald Moore (603) 206-7561
The NYS Professional Engineer: Alex DeNadai, P.E., PMP, LEED AP



2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Former Johnny on the Spot Cleaners (the Site) is located at 153-01 10th Avenue, Whitestone, NY 11357, at latitude 40.79397 North, longitude 73.80771 West. The Site is in the southwestern corner of a retail strip mall known as Whitestone Plaza (see Figures 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. Previously the property was identified as Block 4531, Lots 100 and 447. The property was merged at some point in time and is currently identified as Block 4531, Lot 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., former 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 restaurant, 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 (Rehab Center) operated by Northwell Health (Northwell). Note that this tenant space described in this RIR is referred to as both the former Bank and/or Rehab Center and abuts the Site to the east. 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; residences beyond 10th Avenue to the south; residential dwellings beyond 154th Street to the east and south; Kinray Pharmaceutical Distribution Company; additional commercial properties; and residences to the west. Sensitive receptors include a daycare, identified as "Kiddie Academy of Whitestone", located approximately 900 ft northwest and upgradient of the Site, and residential properties located within 1000 ft to the east, south and west of the Site.



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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 (ft) above mean sea level (AMSL). 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 ft AMSL in the northern portion of the property to approximately 17.5 ft AMSL in the loading dock/parking lot area behind the 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.

As described further in section 5.1 below, soils encountered during this investigation consisted of fill material (silty fine to coarse sand and gravel) from ground surface to approximately 5 to 7 ft below land surfaces (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 ft bls 46 ft bls.

Bedrock was not encountered during previous investigations.

2.2.3 Hydrogeology

Groundwater was encountered during investigation activities at depths ranging from approximately 5 ft below land surface (bls) in wells located in the loading dock/parking lot area behind the Site to 10 ft 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 1,000-feet to the north of the Site (see Figure 1).

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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 building (located on Lot 447) and the former "lacquer spraying" building, located in the eastern portion of the property (Lot 100), had been completed. In 1981 The structure located on Lot 100 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 building on Lot 100 was razed, and the Fuller structure was renovated to house the existing retail businesses.

2.4 IDENTIFICATION OF STANDARDS, CRITERIA, 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 and/or New York State Department of Health (NYSDOH) cleanup standards or guidance values in place at this time.

Soil

In December 2006, NYSDEC issued regulations for Section 6 of the New York Code, Rules and Regulations (6 NYCRR) Part 375, Environmental Remediation Programs, which applies to the Inactive Hazardous Waste Disposal Site Program (State Superfund, or SSF), the Environmental Restoration Program (ERP), and the BCP. NYSDEC 6 NYCRR Part 375-6.8 establishes Soil Cleanup Objectives (SCOs) that replaced the Technical Administrative Guidance Memorandum (TAGM) 4046 guidance values.

The reported sample concentrations for the analyzed constituents detected in soil at the Site were compared to the Commercial SCOs except for volatile organic compounds (VOCs), which were compared to the Protection of Groundwater (PGW) SCOs provided in 6 NYCRR Table 375-6.8(b), current through February 28, 2023.

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Guidance values for per- and polyfluoroalkyl substances (PFAS) in soils were compared against the PGW and Commercial Guidance Values presented in NYSDEC's "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)" under NYSDEC's Part 375 Remedial Programs, dated April 2023.

Groundwater

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

The reported concentrations for groundwater samples analyzed for perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), and 1,4-dioxane were compared to Guidance Values promulgated in February 2023 as an addendum to the June 1998 TOGS No 1.1.1.

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 in February 2024), 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, prepared by Whitestone Associates, Inc. (Whitestone);
- Underground Storage Tank Closure and Site Investigation Report, dated February 6, 2004, prepared by Whitestone;
- Limited Phase II Site Investigation, dated February 10, 2004, prepared by Whitestone;
- Remedial Investigation Report and Corrective Action Workplan, dated January 7, 2007, prepared by Whitestone;
- Remedial Investigation Report and Supplemental Remedial Investigation Workplan, dated December 24, 2008, prepared by Whitestone;
- Site Characterization Work Plan, dated October 19, 2012, and revised March 1, 2013, prepared by Stantec;
- Remedial Investigation Workplan, dated July 19, 2015, and revised October 21, 2016, prepared by Stantec;
- Draft Remedial Investigation Report, dated March 30, 2018, prepared by Stantec;
- Supplemental Remedial Investigation Work Plan, dated February 16, 2022, prepared by Stantec;
- Interim Remedial Measures-Construction Completion Report, dated August 12, 2022, prepared by Stantec, which was approved by NYSDEC on March 27, 2023.

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 Site, 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. 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 (United States Environmental Protection Agency [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

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the dry cleaner (as well as historic Site use and an existing underground storage tank [UST] 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. Soil samples were collected and laboratory-analyzed for VOCs and SVOCs. Results of this work indicated no VOCs reported above laboratory method detection limits (MDLs). Two SVOCs, phenanthrene and fluoranthene, were reported at 0.073 parts per million (ppm) and 0.077 ppm, respectively, from B-4. These concentrations were below the SCOs of 50.0 ppm in place at that time. Comparing those concentrations to the current Commercial SCOs of 500 ppm indicates no exceedances. The 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 ft bls) to collect grab samples of groundwater. The 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. Soil samples from B-6 and B-7 were analyzed for VOCs and SVOCs. Soil samples from B-8 to B-17 were analyzed for VOCs only. 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, and GW-16D) were advanced to 24 to 28 ft bls and groundwater samples were collected from the deeper saturated zone. Samples from B-1/GW-1; B-6/GW-6; B-12/GW-12; B-13/GW-13S; B-14/GW-14; B-15/GW-15S; B-16/GW-16S; and B-17/GW-17 were analyzed for VOCs and SVOCs. Samples from B-8/GW-8; B-10/GW-10; B-13/GW-13D; B-15/GW-15D; and B-16/GW-16D were analyzed for VOCs only. 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 and discussed below.

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 SCOs in place at that time. Concentrations of SVOCs in soil samples from B-6 and B-7 were also below the SCOs in place at that time. Whitestone ultimately concluded that no residual soil source area of contamination was identified.

As outlined below, the analytical results from these borings are compared by Stantec to the 2023 SCOs. Again, the VOC results are compared to the PGW SCOs while the SVOC results are compared to the Commercial SCOs. As shown below, no VOC or SVOC sample concentrations exceeded the current Standards.

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Boring	Compound	Conc (ppm)	2023 SCO (ppm)	
			PGW	Commercial
B-6	Ethylbenzene	0.014 J	1	390
	Acenaphthene	0.119	98	500
	Fluorene	0.177	386	500
	Phenanthrene	0.379	1,000	500
B-7	VOCs	ND	Varies	Varies
	Acenaphthene	1.87	98	500
	Fluorene	2.04	386	500
	Phenanthrene	4.53	1,000	500
	Anthracene	0.449	1,000	500
	Fluoranthene	0.091 J	1,000	500
	Pyrene	0.227	1,000	500
B-9	Tetrachloroethene	0.00305 J	1.3	150
B-14	MTBE	0.002 J	0.93	500
	Naphthalene	0.002 J	12	500
B-15	Naphthalene	0.737	12	500
B-16	MTBE	0.0014 J	0.93	500
	Xylene	0.013 J	1.6	500
	1,2,4-Trimethylbenzene	0.003 J	3.6	190
	Naphthalene	0.017 J	12	500
B-17	1,2,4-Trimethylbenzene	0.005 J	3.6	190
	Naphthalene	0.192	12	500

Whitestone reported that the 2004 groundwater sample results from the temporary well points identified tetrachloroethene (or perchloroethene [PCE]), trichloroethene (TCE), vinyl chloride (VC), benzene, ethylbenzene and certain SVOCs at concentrations exceeding applicable groundwater standards (TOGs and 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 (cVOCs) 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.

The compounds identified in the temporary well points also exceed some of the AWQSGVs, primarily for cVOCs.

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,

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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 (identified as B-18 to B-20 on Figure 3A) to further delineate soil conditions;
- the installation, surveying, and sampling of six permanent shallow and deep groundwater monitor wells (identified as MW-1S, MW-1D, MW-2S, MW-2D, MW-3S, and MW-3D on Figure 3B) to evaluate groundwater conditions;
- permeability testing (slug tests) to establish aquifer/hydraulic characteristics;
- the installation and sampling of a sub-slab soil gas probe (SG-1, inside the dry cleaner space) and soil gas vapor points (SG-2 and SG-3 in the parking lot/loading dock area behind the dry cleaner); and
- the collection of air samples for indoor air quality (IAQ-1, inside the dry cleaner space) and outside/ambient air (AA-1, outside in the driveway to the west of the dry cleaner).

Reference Figure 3C for the soil gas point and air sample locations. 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. As shown in Appendix A Table 2, no VOCs were detected above MDLs, and therefore there were no exceedances of PGW SCOs.

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 appear to affect the groundwater at the Site.

Groundwater samples from the six monitoring wells were sampled for VOCs. The 2008 water quality results presented in Appendix A are also included in Table 6A to compare to the AWQSGVs. Shallow groundwater at well MW-1S contained VOCs at concentrations below MDLs and/or below AWQSGVs. 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, cis- 1,2-DCE, PCE, TCE, and VC were detected at concentrations above AWQSGVs, but no compounds were reported above MDLs 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 exceeded its Standard of 0.6 ppb.

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The results for sub-slab soil gas and indoor air samples collected in 2008 are presented in Appendix A, Table 6. To assist the reader, the data from Appendix A are also included in Table 7A (Sub-Slab Soil Gas) and Table 7B (Indoor Air). Locations of the vapor intrusion sampling points are shown on Figure 3C.

As shown on Table 7B, the results for the indoor air sample (IAQ-1) in the former dry cleaner unit identified VOCs, the most significant of which was PCE at a concentration of 160 micrograms per cubic meter (ug/m^3), which exceeded the air guidance value of 100 ug/m^3 in place at that time. The 160 ug/m^3 level also exceeds the current guidance value of 30 ug/m^3 . Analytical results of the outside/ambient air sampled collected at location AA-1 identified PCE at a concentration in air of 1 ug/m^3 .

As shown on Table 7A, sub-slab soil gas 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/m^3 and 75 ug/m^3 , respectively. cVOCs were also 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). In sample SG-2, PCE was reported at 30 ug/m^3 and TCE at 19 ug/m^3 . In sample SG-3, PCE was reported at 9.5 ug/m^3 and TCE was not detected. VC and 1,2-DCE were also detected at SG-2 only at 46 ug/m^3 and 79 ug/m^3 , respectively. Other VOCs were detected in the two soil vapor samples including benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) ranging from non-detect to 83 ug/m^3 of benzene, 8.3 to 20 ug/m^3 of toluene, 1.3 to 2.7 ug/m^3 of ethylbenzene, and 4.4 to 10.5 ug/m^3 of total xylenes.

In their December 2008 Remedial Investigation Report and Supplemental Remedial Action Plan, Whitestone provided a map that recommended 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.

Whitestone also reported that, due to the elevated levels of PCE in SG-1, and comparison of the indoor air (IAQ-1) and sub-slab soil gas (SG-1) concentrations with the NYSDOH Decision Matrices, that mitigation would be required to address the PCE levels from inside and beneath the former dry-cleaning unit.

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 Whitestone from 2003 to 2008, as described above.

In 2012, Stantec worked with the NYSDEC to develop a Site Characterization Work Plan to further the investigation of shallow and deep groundwater at the subject property, as well as to further the investigation of sub-slab soil vapor, soil vapor, and indoor air to assess the potential for vapor



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intrusion associated with the known chlorinated solvent groundwater plume. The Site Characterization Plan (prepared by Stantec, October 19, 2012, and revised March 1, 2013) was approved by NYSDEC in a letter dated April 19, 2013. Prior to the initiation of field investigation activities, Stantec conducted a series of public outreach services, including letters to nearby residents, dissemination of a Fact Sheet detailing what the public can expect during the investigation, and distribution of background materials to a local library. During the implementation of field activities, Stantec worked closely with the building tenants and nearby residents to ensure that questions and concerns were addressed and conducted the required air monitoring (including dust and volatiles) during the work to ensure the public's safety.

Field investigation activities included the assessment of shallow and deep groundwater, and the assessment of vapor intrusion issues at the former dry cleaner, the adjacent stores, and sidewalks adjacent to the subject property and nearby residential units. These investigations included the collection of soil, shallow groundwater, deep groundwater, sub-slab soil vapor, soil vapor, indoor air, and outdoor air samples. Sampling locations are shown on Figures 3A, 3B, and 3C.

Note that in July 2015, A&P filed for Chapter 11 bankruptcy protection and the A&P Waldbaum's grocery store closed. Several 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 the environmental professional for this Site. Feil subsequently entered into a BCA (index no. C241125) with NYSDEC in January 2017.

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 Draft RIR).

The 2018 Draft 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 restaurant, and JD Opticians).

Results are discussed below.



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3.2.1 Soil Investigations and Results

In June 2013, Stantec oversaw the advancement of borings at select locations to collect additional soil samples and to construct additional monitoring wells. Well pair MW-101S/MW-101D was installed in the northern sidewalk of 10th Avenue, and well pair MW-102S/MW-102D was installed in the southern sidewalk (adjacent to the homes at 58 and 64 10th Avenue). One additional deep monitoring well (MW-103D) was advanced further north of the Site, in the truck access drive just beyond the loading dock/parking lot area to the north of the Site. The locations are shown on Figure 3B. Boring logs are presented in Appendix B.

Soil samples were collected continuously during the drilling of the deep boring at each location via a Geoprobe® drill rig and evaluated in the field for grain size distribution, odors, and visible evidence of staining. Samples were also screened for VOCs using a jar-headspace procedure and a photoionization detector (PID). Soil samples were collected at the depth intervals of 13-14 ft and 45-46 ft at MW-101D; 15-16 ft and 38-39 ft at MW-102D; and 12-13 ft and 38-39 ft at MW-103D. The shallow samples were collected above the water table. The samples were analyzed for VOCs only. A table showing the results for the VOCs that were detected is presented in Appendix A. Note the results are presented in micrograms per kilogram (ug/kg or ppb). The results showed VOCs were reported at levels below MDLs in the four samples collected from MW-101D and MW-102D. At MW-103D, acetone was the only VOC detected in soil collected at a depth of 12-13 ft bls (43.2 ug/kg) and again at a depth of 38-39 feet bls (25.5 ug/kg). These concentrations are well below the PGW SCO of 0.05 ug/kg.

In June 2013, a small Geoprobe® rig was utilized to advance a boring inside the back portion of the Site to construct a sub-slab soil gas probe (SG-1) as a replacement for the probe that was installed by Whitestone in 2008. During this drilling, a soil sample was collected at a depth of approximately 8-inches below the floor and analyzed for VOCs. As show in the table in Appendix A, acetone, naphthalene, and PCE were each detected in the soil sample from this sub-slab soil gas location at concentrations of 24.4 ug/kg, 93.4 ug/kg, and 91 ug/kg, respectively. These soil sampling results were below the most stringent CP-51 Table 375-6.8(b) SCOs in place at that time. These levels are also below the current PGW SCOs.

In September 2017, Stantec oversaw the advancement of sixteen (16) soil borings at locations both inside and outside (to the north and west) of the former dry cleaner unit. 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 5 ft. Borings were subsequently advanced to pre-determined depths of 15 ft, as described in Stantec's Remedial Investigation Workplan (RIWP dated October 21, 2016) that was approved by NYSDEC on March 7, 2017. Soil samples were collected continuously for field characterization and field screening for VOCs using a properly calibrated PID. Locations of the borings (identified as B-101 to B-116) are shown on Figure 3A. Hand-sketched boring logs and cross-sections are presented in Appendix B.

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Two soil samples were selected from borings B-101 to B-115 and submitted to a New York-certified laboratory for analysis. The selected soil samples were collected using Encore samplers. One sample was collected from the interval showing the greatest evidence of impacts (PID, olfactory or visual). The second sample was collected from the base of the boring. If no impacts were observed, one of the two samples was collected from just above the water table, and the second sample from the base of the boring. The two samples were submitted for laboratory analysis of VOCs (USEPA Method 8260B). 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). Copies of pertinent laboratory report pages are included in Appendix C. The DUSR for the soil quality is also presented in Appendix C. Also, one sample from each boring was sent to a state-certified laboratory for grain size analysis. The samples for grain size analysis were selected to span the range of geologic stratum types observed. The grain size distribution results are presented in Appendix D.

Analytical results for the September 2017 soil samples are shown on Table 5. A spider map depicting 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 5 and Figure 5, concentrations of VOCs from the 2017 soil boring samples were reported at levels exceeding PGW SCOs in four borings (in 6 of the 29 samples). These six samples were from various depth intervals in B-109 (3.5 - 5.0 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 individual VOCs exceeding SCOs in the six soil samples included:

Boring	Compound	Conc (ppm)	2023 PGW SCO (ppm)
B-109 (3.5-5.0')	Acetone	0.055	0.05
B-110 (6.5')	PCE	4.4	1.3
	TCE	0.49	0.47
B-110 (14.5')	cis-1,2-DCE	0.31	0.25
	PCE	1.4	1.3
B-113 (6.5')	PCE	3.0	1.3
B-113 (12.9')	cis-1,2-DCE	2.2	0.25
	PCE	52	1.3
	TCE	4.1	0.47
	VC	0.056 J	0.02
B-114 (1.0')	PCE	18	1.3
	TCE	7.8	0.47

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The 2017 soil quality data showed 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.

3.2.2 Groundwater Investigations and Results

As mentioned above, in June 2013 monitoring wells MW-101S/D, MW-102S/D, and MW-103D were constructed. In July 2013, Stantec collected groundwater samples from MW-1S, MW-1D, MW-2S, MW-2D, MW-3D, MW-101S/D, MW-102S/D, and MW-103D for VOCs, SVOCs, nitrate, sulfate, and metabolic acids. Note that well MW-3S could not be found during that sampling event and was assumed to have been destroyed or paved over. The July 2013 results for VOCs and SVOCs are included in Tables 6A and 6B, respectively. A spider map depicting exceedances of AWQSGVs is presented on Figure 6.

As shown on Table 6A, cVOCs were detected in groundwater collected from all wells except well MW-101S, MW-102S/D, and MW-103D. The concentrations detected were highest to the north of the dry cleaner unit at well MW-1S. Well MW-2S, also located in that area, contained cVOCs at lower concentrations than MW-1S, but still above AWQSGVs. Deep groundwater at wells MW-1D and MW-2D was also impacted with concentrations of cVOCs above the AWQSGVs, but significantly lower than in the respective shallow wells. At MW-3D, only 1,2-DCA (1.86 ug/L) was detected above its AWQSGV of 0.6 ug/L. Groundwater at deep well MW-103D contained only PCE, but at a concentration below its AWQSGV.

The results show that cVOC concentrations generally decreased with distance north from the dry cleaner.

Up-gradient shallow wells MW-101S and MW-102S, located on the north and south sidewalks of 10th Avenue, respectively, had no VOCs at levels above MDLs and/or above AWQSGVs. Deeper groundwater in the up-gradient wells was more impacted than in the shallow wells; well MW-101D (closest to the dry cleaner unit) contained five cVOCs above AWQSGVs. At the most up-gradient well pair, the concentration of TCE in well MW-102D (3.56 ug/L) was slightly higher than shallow well MW-102S (3.24 ug/L), but below the AWQSGV. These results suggest that the subject Site may also have been, or may be, impacted by an off-site, up-gradient source of cVOCs.

As shown in Table 6B, all SVOCs were reported at levels below laboratory MDLs and/or below AWQSGVs.

In September 2017, Stantec oversaw the drilling and constructing of an additional upgradient shallow and deep well pair (identified as MW-201S and MW-201D on Figure 3B). No soil samples were collected for laboratory analysis. Well completion details are presented in Table 1 and boring logs in Appendix B.

In November 2017, Stantec collected groundwater samples from all thirteen site wells for laboratory analysis of VOCs only. Each well was purged and sampled using low-flow sampling techniques in accordance with the USEPA Region II guidance document entitled "Groundwater

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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. Low flow sampling data sheets are presented in Appendix E.

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. Copies of pertinent laboratory report pages are included in Appendix F. The DUSR for the water quality is also presented in Appendix F.

The November 2017 results for VOCs are included in Table 6A. A spider map depicting exceedances of AWQSGVs is presented on Figure 6.

As shown on Table 6A and Figure 6, concentrations of cVOCs at levels exceeding AWQSGVs were reported at just two shallow wells (MW-1S and MW-2S). Consistent with previous sampling events, the specific chemicals of concern include PCE and its breakdown products (TCE, 1,1-DCE, cis-1,2-DCE, and VC). Concentrations of cVOCs at levels exceeding AWQSGVs in the deep wells were only shown at one well (MW-101D). At this location only cis-1,2-DCE and VC were reported above AGWQSGs. At MW-1D and MW-2D, two deep wells located just north and downgradient of the Site, cVOCs were reported at levels below MDLs and/or AWQSGVs.

Levels of 1,1-DCA at MW-101D and MW-201D; and 1,2-DCA at MW-2D, MW-3D, and MW-101D were also reported above AWQSGVs during the November 2017 event.

3.2.3 Sub-Slab Soil Gas and Indoor Air Results: 2013 - 2018

3.2.3.1 SSSG and IA Results - 2013

In June 2013, two sub-slab soil gas (SSSG) probes were installed inside the former dry cleaner (identified as SG-1 and located proximal to the SG-1 sampling location that was installed in 2008) and inside the bank (identified as SG-4), at an accessible location near the former dry cleaner. Two soil vapor points were also installed at the two upgradient well pairs: SGP-5 was located on the northern sidewalk near MW-101S/D, and SGP-6 on the southern sidewalk near MW-102S/D. The soil gas probe locations are shown on Figure 3C. Spider maps showing the results from 2008 to 2024 are presented on Figure 7A (former dry cleaner) and Figure 7B (Rehab Center/former Bank).

Please note that only those VOCs that have an associated Matrix value and had detected concentrations are shown. For instance, although 1,1,1-trichloroethane (1,1,1-TCA) is included in Matrix B it has always been reported as non-detect and so it is not shown on Figures 7A or 7B.

Sub-slab soil gas and soil vapor samples were collected in June 2013 from SG-1, SG-4, SGP-5, and SGP-6. Indoor air samples were also collected in June 2013 from locations inside the Bank (AA-1)

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and inside the dry cleaner unit (AA-2). In July 2013, Stantec collected another round of sub-slab soil gas and soil vapor samples from SG-1, SG-4, and SGP-6. The vapor samples were tested for VOCs via USEPA Method TO-15. Results of the sub-slab soil gas and soil vapor samples are presented in Table 7A. Results of the indoor air samples are presented in Table 7B.

The June/July 2013 SSSG concentrations of PCE were as high as 2,746 ug/m³ (SG-1), and indoor air concentrations for PCE were as high as 166 ug/m³ (AA-2) in the former dry cleaner unit. The 166 ug/m³ exceeded the NYSDOH Indoor Air Standard of 100 ug/m³ in place at that time. At the Bank unit, SSSG concentrations of PCE in SG-4 were as high as 2,909 ug/m³ and indoor air concentrations of PCE in AA-1 were as high as 45 ug/m³. The 45 ug/m³ 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.

Results from the exterior sidewalk samples (SGP-5 and SGP-6) showed low levels (generally less than 1 ug/m³) of cVOCs and gasoline components.

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 Matrices recommended mitigation.

Although the dry-cleaning equipment had been previously removed from the unit (at an unknown date), as the first measure in mitigating the presence of cVOCs in indoor air, Stantec engaged a remediation contractor (SCE environmental [SCE]) to clean the dry cleaner space. This work was conducted in accordance with the work plan submitted to NYSDEC on September 23, 2013. The content of the work plan was verbally discussed with NYSDEC representatives, Hasan Ahmed and Jane O'Connell, on September 23, 2013, and although not formally approved at that time, work was initiated immediately upon submittal of the plan to begin mitigation efforts without delay.

Between September 25, 2013, and September 30, 2013, this cleaning work was conducted. SCE initially removed all tenant-related storage from the unit, which consisted of various construction materials, and removed the dry wall to the steel beams along the inside walls on the lower level of the unit. The drywall and former racks and hangers associated with the dry cleaner unit were removed from the unit, placed in two 15-yard roll-off dumpsters and shipped off-site for proper disposal. Piping related to active utilities (e.g., heating ducts, electric lines, and water lines) remained in place, although inactive pipes were capped when accessible. During the clean-out activities, gaps or cracks noted on the walls were sealed with expandable spray foam, while cracks in the floor were sealed with a silicone caulk. Laminate floor tiles in the lower level that were observed to be damaged were removed. The majority of the floor tiles and mastic were found to provide an adequate seal and were, therefore, not removed. The ceiling, walls, and floors were then power-washed with simple green and water throughout the unit. Power washing activities were conducted in three cycles (e.g., gross abatement, initial cleaning, and final cleaning) and were completed between September 30 and October 1, 2013. Waste water was

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collected into two 55-gallon drums, characterized, and disposed of as a non-hazardous waste on November 7, 2013.

During the mitigation effort, ventilation fans were used in the existing exhaust vents to keep the unit as dry as possible. Subsequently, the building space was allowed to air dry for a period of two weeks before collecting additional indoor air samples.

On October 16, 2013, Stantec personnel resampled sub-slab soil gas and indoor air in the former dry cleaner unit (SG-1 and AA-2) and in the Bank unit (SG-4 and AA-1). An outside/ambient air was also resampled (AA-3). The associated results are included in Tables 7A and 7B. Comparing the June and October 2013 results for the indoor air samples indicated a decrease in concentrations in the Bank unit, and an increase in concentrations in the dry cleaner unit (possibly due to incomplete ventilation of the unit following the clean out conducted 2 weeks before the sampling event). The levels of TCE in indoor air in the Bank at AA-1 decreased from 5.27 ug/m³ (and above Standards) in June 2013 to non-detect levels in October 2013.

Comparing the July and October results from the sub-slab soil gas samples showed levels in the dry cleaner increased, while levels in the Bank decreased. The dry cleaner unit was ventilated with fans during the clean-out work and continues to ventilate passively through the two window vents.

To further the investigation, Stantec developed a Remedial Investigation Workplan, dated July 19, 2015, and revised October 21, 2016, that was approved by NYSDEC on March 3, 2017. Again, as noted above, A&P filed for bankruptcy in July 2015 and Feil retained Stantec as the environmental professional for this Site in December 2015.

3.2.3.2 SSSG and IA Results - 2017

On March 8, 2017, Stantec set re-usable sub-slab soil gas probes inside three lease units at the property. At each location a hole-saw was used to cut a small (3-inch diameter) hole in the concrete slab and then each probe was set between roughly one and two feet below the bottom of the floor slab. Clean filter sand was placed around the slotted portion of the probe and a bentonite seal placed from the top of the sand to the bottom of the slab. A small (3-inch diameter) road box with bolted manhole cover was set and grouted flush to the floor surface at each location. Once installed, Stantec performed leak tests on each sub-slab vapor probe utilizing a helium shroud technique. The sub-slab soil gas probes are identified on Figure 3C as follows:

- SG-6 and SG-6A inside the Bank;
- SG-7 inside J.D. Opticians; and
- SG-8 inside Cascarino's restaurant.

During this same mobilization, Stantec also set three additional re-usable soil gas vapor points in the parking lot area behind (to the north of) the former dry cleaner. These points are identified on Figure 3C as SGP-1, SGP-2, and SGP-3. These soil gas points were installed in the same manner

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as described above. Due to relatively shallow water table encountered (for instance 1.0 ft bls at SGP-3) the points were installed at depths of approximately 1.0 to 1.5 feet below the top of pavement.

On March 9, 2017, Stantec collected 8-hour indoor air quality (IAQ) samples from the former dry cleaner unit and from the three other leased units (Bank, JD Opticians, and Cascarino's) using appropriate six-liter (6-L) Summa canisters. Note that two IAQ samples (Bank 1 and Bank 2) were collected from inside the Bank. To prevent interference with the IAQ samples, Stantec collected six sub-slab soil gas samples (SG-1, SG-4, SG-6, SG-6A, SG-7, and SG-8) using appropriate one-liter (1-L) Summa canisters on March 10, 2017, after the IAQ samples were collected and secured. For quality assurance and quality control (QA/QC) purposes, one outside/ambient sample was also collected. Prior to collecting any samples, each sub-slab soil gas probe was determined to be properly sealed (i.e., no leakage) by using a helium shroud testing technique. In addition, soil vapor samples were collected as grabs from the three parking lot locations (SGP-1, SGP-2, and SGP-3). Near the end of sample collection at SGP-1, water was observed flowing through the probe tubing and into the Summa canister. Due to this observation, the sample was terminated.

The sample Summa canisters were shipped under chain of custody to Test America of Burlington, VT for analysis of VOCs by USEPA Method TO-15. 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 copies of pertinent laboratory report pages for the March 2007 events are presented in Appendix G. Sample locations are shown on Figure 3C. Results of the SSSG samples and indoor air samples are included in Tables 7A and 7B, respectively, and discussed below.

Cascarino's Restaurant and JD Opticians

As shown on Tables 7A and 7B, PCE and its degradation products were not detected in either the sub-slab or indoor air sample from Cascarino's restaurant. The low concentrations of VOCs that were detected inside the restaurant are common in indoor air.

In the Opticians unit, although PCE was detected at 2.0 ug/m³ in the SSSG sample (SG-7 located at the back wall to the rear parking area), no degradation products were reported in the SSSG. PCE and its degradation products were not detected in the indoor air sample from JD Opticians, and the low concentrations of VOCs that were detected are common in indoor air.

The 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. 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 indoor air sample collected between SG-6 and SG-6A, identified as Bank 1, had PCE reported at 2.6 ug/m³; TCE was not detected. 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

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ug/m³ PCE and 6.8 ug/m³ TCE. 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.

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

Former Dry Cleaner

One SSSG and one indoor air sample were collected from the former dry cleaner space. The soil gas sample (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; TCE was not detected.

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

Soil Vapor Samples

Soil vapor point SGP-1 was located northwest of the former dry cleaners in the entrance road to the rear loading dock/parking lot area. The results showed no detections of the cVOCs of concern.

Soil vapor point SGP-2 was located on the east end of the loading dock/parking lot area adjacent to the retaining wall of the retail store. The results showed no cVOCs of concern detected except VC at 0.14 ug/m³.

Soil vapor point SGP-3 was placed in the northern portion of the loading dock/parking lot area adjacent to the rear of the building. The sample collected from this location had PCE reported at 2,600 ug/m³ PCE. All other cVOCs of concern were not detected.

NYSDOH Decision Matrix for 2017 Sub-slab Soil Gas and Indoor Air Results

Stantec evaluated the SSSG 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). The Decision Matrices are another way to compare SSSG with indoor air concentrations to develop recommended actions. At that time, NYSDOH had developed three matrices – Matrix A for evaluating TCE, cis-1,2-DCE, 1,1-DCE, and carbon tetrachloride; Matrix B for evaluating PCE, 1,1,1-TCA, and methylene chloride; and Matrix C for evaluating VC.

Carbon tetrachloride was detected in sub-slab samples from the Bank (SG-6, SG-6A, and SG-4) and JD Opticians (SG-7) at levels of approximately 0.30 ug/m³. The corresponding indoor air



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results for carbon tetrachloride from these same units (Bank 1, Bank 2, and JD Opticians) were approximately 0.40 ug/m³. Therefore, utilizing Matrix A (reference table below), the results would place both units within Category 2 (i.e., No further action).

It should be noted that carbon tetrachloride is persistent in the atmosphere from historical uses and is consistently detected in indoor and ambient air at concentrations near 0.40 ug/m³ (Agency for Toxic Substances and Disease Registry Toxicological Profile for Carbon Tetrachloride, 2005). Concentrations of both 1,1-DCE and cis-1,2-DCE were reported as non-detect in all indoor air samples, so this would place these compounds in Category 1 (i.e., No further action).

Levels of TCE (Tables 7A and 7B) were reported in the sub-slab samples in the Bank from the customer area (SG-6) and near the front entrance (SG-6A) at 0.49 ug/m³ and non-detect (less than 0.21 ug/m³), respectively, and in the corresponding indoor air samples (Bank 1 and Bank 2) at non-detect (less than 0.21 ug/m³), placing this compound in Category 1 (i.e., No further action). Levels of TCE in the SSSG in the Bank near the wall separating the Bank from the former dry cleaners (SG-4) were reported at 6.8 ug/m³ and in the indoor air sample (Bank 2) at non-detect (less than 0.21 ug/m³). These values place this compound in this portion of the Bank in Category 4 (i.e., No further action).

Levels of TCE in the sub-slab (SG-1) and indoor air from the dry cleaner (Cleaner) were reported at 750 ug/m³ and non-detect (less than 0.21 ug/m³). Due to the elevated levels of TCE in SG-1, this unit falls in Category 7 (i.e., Mitigate).

Soil Vapor/Indoor Air Matrix A
TCE, cis-1,2-DCE, 1,1-DCE, Carbon Tetrachloride

SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M ³)	INDOOR AIR CONCENTRATION OF COMPOUND (UG/M ³)		
	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RE-SAMPLE or MITIGATE
6 to < 60	4. No further action	5. Monitor	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

The results for 1,1,1-TCA, methylene chloride, and PCE from Tables 7A and 7B were also evaluated in terms of the concentrations and recommended actions depicted in Matrix B shown in the table below. 1,1,1-TCA and methylene chloride were not detected in any sample, so these two compounds fall in Category 1 (No further action) in Matrix B.

PCE was detected in all sub-slab samples (except for the sample from Cascarino's restaurant); and in indoor air samples from the Bank and the former dry cleaner. In the Bank unit, PCE was reported in the sub-slab samples at 72 ug/m³ (SG-4), 5.7 ug/m³ (SG-6), and 2.7 ug/m³ (SG-6A) (all



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< 100 ug/m³) and in the two indoor air samples at 2.6 and 2.4 ug/m³ (both < 3), which would place the Bank unit in Category 1 (No Further Action) for PCE. In the former dry cleaner, PCE was reported in the sub-slab sample (SG-1) at 2,400 ug/m³ and in the indoor air sample (Cleaner) at 3.6 ug/m³, which would place this unit in Category 8 (Mitigate) for PCE. The levels of PCE in Cascarino's and JD Opticians place these two units in Category 1 (No further action). Further description of Stantec's conclusions and rationale for additional work related to these various Categories is presented below.

Soil Vapor/Indoor Air Matrix B (PCE, 1,1,1-TCA, and Methylene Chloride)

SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M ³)	INDOOR AIR CONCENTRATION OF COMPOUND (UG/M ³)		
	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No further action	3. IDENTIFY SOURCES(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. Monitor	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

As described in the 2006 NYSDOH Soil Vapor Intrusion Guidance, the three action Categories are described as follows:

Category 1 and 2 - No further action. Given that the compound was not detected in the indoor air sample and that the concentration detection in the sub-slab vapor sample is not expected to significantly affect indoor air quality, no additional actions are needed to address human exposures.

Category 4 - No further action. Same as above.

Category 7 and 8 - Mitigate. Mitigation is appropriate to minimize current or potential exposures associated with soil vapor intrusion. Methods to mitigate exposures related to soil vapor intrusion are described in Section 4.

3.2.3.3 SSSG and IA Results - February 2018

Stantec considered the results and conclusions from the March 2017 sampling event (i.e., "No further action" at the Bank, Cascarino's, and JD Opticians, and "Mitigate" at the former dry cleaner) and conducted another "winter heating season" sampling event in February 2018.

During this event three IAQ samples were collected from inside the former dry cleaner (these are identified as Cleaner, Cleaner 2, and Cleaner 3) and two from inside the Bank (Bank 1 and Bank 2). Sub-slab soil gas samples were collected from the former dry cleaner (SG-1) and the Bank (SG-6 and SG-6A). Samples were not collected from SG-4 inside the Bank due to water being

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observed flowing through the probe tubing and into the Summa canister. Due to this observation, the sample was terminated.

The two additional IAQ samples from inside the former dry cleaner unit 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 was 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.

The samples were analyzed by Test America of Burlington, VT for analysis of VOCs by USEPA Method TO-15. 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 copies of pertinent laboratory report pages for the February 2018 event are presented in Appendix H. Sample locations are shown on Figure 3C. The results of the SSSG samples and indoor air samples are included in Tables 7A and 7B, respectively, and discussed below.

As shown on Table 7A, VOCs were detected in each of the sub-slab soil gas and indoor air samples. TCE was detected in sub-slab soil gas samples in the Bank (4.6 ug/m³ in SG-6), and in the former dry cleaner (97 ug/m³ in SG-1). PCE was detected in sub-slab soil gas samples from the Bank (86 and 87 ug/m³ in SG-6 and SG-6A, respectively), and in the former dry cleaner (75 ug/m³ in SG-1). 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; and a decrease in detected concentrations of PCE and TCE in sub-slab soil gas from the former dry cleaner. Although not detected in any of the indoor air samples, VC was detected in sub-slab soil gas from the former cleaner (78 ug/m³ in SG-1) and from one of the two sub-slab samples from the Bank (3.8 ug/m³ in SG-6). VC was not detected in any sub-slab soil gas or indoor air sample 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 (with detection limit of 0.19 ug/m³) in any of the February 2018 indoor air samples. PCE was detected in indoor air from the Bank at levels of 3.7 ug/m³ (Bank 1) and 4.3 ug/m³ (Bank 2), and in the former dry cleaner at levels of 2.1 ug/m³ (Cleaner), 6.0 ug/m³ (Cleaner 2), and 7.0 ug/m³ (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/m³ for PCE.

Stantec also evaluated the February 2018 SSSG 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.

Concentrations of carbon tetrachloride were consistent with ambient and indoor air (ATSDR, 2005). 1,1-DCE was not detected in sub-slab soil gas (with detection limit of 1.4 ug/m³) or indoor air (with detection limit of 0.14 ug/m³) from the Bank. 1,1-DCE was detected at a concentration

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of 16 ug/m³ in sub-slab soil gas from the former dry cleaner but was not detected (with detection limit of 0.14 ug/m³) in indoor air. Cis-1,2-DCE was not detected (with detection limit of 1.4 ug/m³) in sub-slab soil gas and indoor air (with detection limit of 0.14 ug/m³) from the Bank. Cis-1,2-DCE was detected at 22 ug/m³ in sub-slab soil gas, but not in indoor air (with detection limit of 0.14 ug/m³) from the former dry cleaner. According to Matrix A, the results would place the lease units within Category 4 (i.e., No further action).

TCE was detected at 4.6 ug/m³ in sub-slab soil gas sample SG-6 (Table 7A) but was not detected (with detection limit of 1.9 ug/m³) in SG-6A and was not detected (with detection limit of 0.19 ug/m³) in indoor air from the Bank (Table 7B). 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).

TCE was detected in sub-slab soil gas at 97 ug/m³ (SG-1) but was not detected (with detection limit of 0.19 ug/m³) 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 action Category Z (i.e., Mitigate).

The results for PCE (Tables 7A and 7B) were evaluated in the context of Decision Matrix B. PCE was detected in each of the sub-slab and indoor air samples from the Bank and the former dry cleaner.

- In the Bank, PCE was detected in the sub-slab samples at levels of < 100 ug/m³ (86 and 87 ug/m³ in SG-6 and SG-6A, respectively) and in the indoor air samples at 3 to < 10 ug/m³ (3.7 and 4.3 ug/m³ in Bank1 and Bank 2, respectively). This would place the Bank in Category 2 (No further action) for PCE.
- In the former dry cleaner unit, PCE was detected in the sub-slab sample at levels of < 100 ug/m³ (75 ug/m³ in SG-1) and in the indoor air samples at < 3 and from 3 to < 10 ug/m³ (2.1, 6.0, and 7.0 ug/m³ in Cleaner, Cleaner 2, and Cleaner 3, respectively). This would place the former dry cleaner in Categories 1 and 2 (No further Action) for PCE.

The February 2018 sample results indicated fluctuating levels of contaminants in sub-slab soil gas and indoor air. The levels of TCE and PCE in the sub-slab and indoor air within the Bank (in accordance with the Matrix evaluations described above) indicated that no further action was warranted.

In the former dry cleaners, the concentrations of PCE detected in sub-slab soil gas and indoor air are consistent with Decision Matrix B, Category 2 (No further action). TCE was not detected (with detection limit of 0.19 ug/m³) in the three indoor air samples from the former cleaner. However, the concentration of TCE detected in sub-slab soil gas (97 ug/m³ at SG-1) puts this unit in Decision Matrix A, Category 7 (Mitigate). VC was not detected in the three indoor air samples from the former cleaner (with detection limit of 0.089 ug/m³). However, the concentration of VC detected in sub-slab soil gas (78 ug/m³ at SG-1) puts this unit in Decision Matrix C, Category 7 (Mitigate).

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Soil Vapor/Indoor Air Matrix C (Vinyl Chloride)

SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M3)	INDOOR AIR CONCENTRATION OF COMPOUND (UG/M3)	
	< 0.2	0.2 and above
< 6	1. No further action	3. IDENTIFY SOURCES(S) and RE-SAMPLE or MITIGATE
6 to < 60	4. No further action	6. MITIGATE
60 and above	7. MITIGATE	9. MITIGATE

Although “no further action” was determined for the Bank, due to its proximity to the former cleaner and the levels of PCE and TCE in the sub-slab soil gas, it was anticipated/desired that a mitigation system installed in the former dry cleaner would reach out into, or under, the western portion of the Bank.

3.3 INTERIM REMEDIAL MEASURES – SUB-SLAB DEPRESSURIZATION SYSTEMS

This section presents a summary of the installation of the sub-slab depressurization systems (SSDs). Details are presented in Stantec’s Interim Remedial Measures-Construction Completion Report (IRM-CCR), dated August 12, 2022, and approved March 27, 2023.

The Interim Remedial Measures Work Plan (IRMWP) 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 depressurization 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

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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 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 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 indicated 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 that the former Bank was being renovated by a new tenant into a Stars Rehabilitation Center (a.k.a., 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). 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 SSDSs after System C was relocated continued to show a vacuum underlying the slabs of the former dry cleaner and Rehabilitation Center units.

4.0 SUPPLEMENTAL WORK PERFORMED

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

4.1 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, PFAS, and 1,4-dioxane, since these contaminant classes had not been tested during previous investigations at the Site.

This supplemental investigation was intended to determine if these contaminant classes require further investigation and/or remediation.

4.2 SOIL BORINGS

Based on previous results described in the 2018 draft RIR as described above, 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 SCO. 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 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 ft bls) was collected. The proposed deeper sample (at 14 ft bls) 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;

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- 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 DUSR. The DUSR and laboratory report are included in Appendix I. 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 ft bls. 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 a preliminary evaluation of potential remediation strategies.

4.3 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-ft 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 in 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.

4.4 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

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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 30, 2022.

Each of the monitoring wells was purged and sampled using low-flow sampling techniques in accordance with the 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. 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. The nitrate and sulfate analyses were requested by Stantec's remediation engineers as a preliminary means to evaluate potential remediation options or strategies.
- 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, respectively.

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 potentially 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 J. The laboratory report and DUSR from the August 2022 event are included in Appendix K.

In September 2025, Stantec conducted an additional groundwater sampling event for VOCs only. Samples were collected from 13 of the 14 existing wells from September 2 to 4, 2025. Prior to sampling, depths to water were measured. At well MW-201S, sediment was again observed

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in the well at approximately 11 ft bls and depth to water table could not be measured. It is presumed that the water table was deeper than 11 ft bls. After consultation with NYSDEC, it was decided to forego attempting to flush and sample this well since there is historical data that indicate low levels of VOCs (from non-detect to below AWQSGVs) in this upgradient area. The remaining Site wells were purged and sampled via low flow protocols as described above. Two samples from the shallow and deep zones were collected from MW-113 and are identified as MW-113S and MW-113D. Low flow sampling data sheets are presented in Appendix E.

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 potentially contaminated during shipment to, and/or from, the laboratory. QA/QC results are described in Section 5.5 below.

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 Eurofins under standard chain of custody protocol. 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 September 2025 event are included in Appendix N.

4.5 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 and sub slab soil gas 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 in May 2022.

Details of this overall work are presented in Stantec's IRM-CCR, dated August 12, 2022, and described above in Section 3.3. 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.

In March 2023 and February 2024, continued sampling of both IA and SSSG samples was conducted as part of Annual Operations, Maintenance, and Monitoring to further evaluate the concentrations of cVOCs in the indoor air and beneath the slabs in each of the two units. Results are presented below in Section 5.3.3.

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4.6 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 thick in the former dry cleaner and approximately 12-inches thick in the Bank. The concrete was removed and staged in a roll-off on-site.

In June 2018 and January 2019 approximately 19 cubic yards (cy) of soil were removed from the trenches and suction pit. The soils were very dense and required a small portable jackhammer 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 Petroleum Services [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, August 2022 redevelopment and sampling of well MW-201S, and September 2025 groundwater sampling event, were also placed in 55-gallon drums (labeled as Hazardous Waste) and subsequently transported and disposed off-site in accordance with approvals by Lorco.

4.7 DATA VALIDATION AND MANAGEMENT

The soil, groundwater, sub-slab vapor, soil vapor, and indoor air samples were analyzed by Test America/Eurofins (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). DUSRs, which documented the adequacy of the analytical data, were subsequently prepared by Stantec. The DUSRs described herein are included in Appendices I (June 2022 soils), J (June 2022 groundwater), and K (August 2022 groundwater). Sample results are discussed in Section 5.3.

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 ft 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 each of the deep wells (except MW-3D) at depths ranging from 38 ft bls at MW-2D to 46 ft bls at MW-101D. Clay was not encountered at MW-3D, most likely due to this well being terminated at a depth of 35 ft bls and above the clay. At MW-101D and MW-102D, the clay was observed to be 2 feet thick. The overall data suggest this clay unit extends beneath the entire Site. Bedrock was not encountered in any of the borings drilled at this Site.

A geologic Cross-Section, from northwest to southeast across the Site, is presented as Figure 10. The data indicates the water table to be about 5 to 12 feet below ground and located primarily in the fill material in the vicinity of the former dry cleaner and back 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 ft bls. 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 ft 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 ft MSL) were used to derive groundwater elevations shown in Table 2 and the Shallow and Deep Groundwater Contour Maps (Figures 4A to 4D). As shown on these figures, groundwater flow in both the shallow and deep overburden converges from the northwest, west, and south-southeast towards the Site.

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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 MSL). 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 RIR and SRIWP, 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:

$$K = A(d_{10})^2$$

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 ft 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

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(4.0×10^{-4} cm/sec). The deeper sand at B-111 had conductivity calculated at 18.3 ft/day (1.64×10^{-3} cm/sec).

5.3 LABORATORY ANALYTICAL RESULTS

5.3.1 Soil Analytical Results

5.3.1.1 Soil Results - VOCs

Analytical results for VOCs from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5A. Please note that the laboratory reported the results in micrograms per kilogram (ug/kg) or parts per billion (ppb). To assist the reader, since the SCOs are presented in milligrams per kilogram (mg/kg) or parts per million (ppm), the results presented in Table 5A have been converted to mg/kg. A spider map depicting VOC exceedances of the PGW SCOs is presented as Figure 5. Soil quality data from previous investigations, presented in Appendix A, only had VOC exceedances of PGW SCOs, so these are also 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 PGW SCOs in the 2022 soil samples included:

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

As described above, previous soil sampling showed exceedances of PGW 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 PGW SCOs in the six soil samples included:

		<u>PGW SCO (mg/kg)</u>
• Acetone	0.055 mg/kg at B-109 (3.5-5.0 ft)	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)	0.47



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	7.8 mg/kg at B-114 (1.0 ft)	
• VC	0.056 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 Soil Results - SVOCs

Analytical results for SVOCs from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5B. Again, the laboratory results reported in ug/kg have been converted to mg/kg in Table 5B. As shown, there were no SVOCs, including 1,4-dioxane, reported above the applicable Commercial Use (CU) SCOs.

5.3.1.3 Soil Results - TAL Metals

Analytical results for TAL Metals from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5C. The laboratory results were reported in mg/kg for metals, so no conversion was undertaken. As shown, there were no metals reported above applicable CU SCOs.

5.3.1.4 Soil Results - PCBs

Analytical results for PCBs from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5D. Again, the laboratory results reported in ug/kg have been converted to mg/kg in Table 5D. As shown, no PCB results were reported at levels above the laboratory reporting limits.

5.3.1.5 Soil Results - Pesticides

Analytical results for Pesticides from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5E. Again, the laboratory results reported in ug/kg have been converted to mg/kg in Table 5E. As shown, no Pesticides were reported at levels above the laboratory reporting limits.

5.3.1.6 Soil Results - PFAS

Analytical results for PFAS from the soil samples collected during boring advancement for this supplemental investigation are presented in Table 5F. The laboratory reported the results in ug/kg, and since the Guidance Values presented in NYSDEC's "Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)" are also in ug/kg, no conversion was undertaken in Table 5F. As shown, PFAS were mostly "non-detect" at levels above the laboratory reporting limits, and similarly below both CU and PGW SCOs.

5.3.1.7 Soil Results – NOD and SRD

As mentioned in Section 4.1, a soil sample collected from 15-18 ft bls in B-113 was submitted to Stantec's treatability testing facility in Sylvania, Ohio for NOD and 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 should not be required to overcome potential soil reactions during implementation of any in-situ chemical oxidation (ISCO) or enhanced reductive dechlorination (ERD) remediation program. In addition, identification of the daughter products cis-1,2-DCE and VC during the groundwater monitoring events indicates natural reductive dechlorination is occurring at the Site, suggesting 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 Groundwater Results - VOCs

Analytical results for VOCs from the groundwater samples collected from monitoring wells at the Site in June/August 2022 and September 2025 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 AWQSGVs is presented on Figure 6.

As shown on Figure 6, groundwater analytical results reported concentrations of cVOCs at levels exceeding AWQSGVs at four shallow wells (MW-1S, MW-2S, MW-113S, and MW-201S). 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 AWQSGVs are also shown at five deep wells (MW-1D, MW-2D, MW-3D, MW-101D, and MW-113D). The specific contaminants of concern are similar to the shallow wells (PCE and breakdown products) but levels of 1,1-DCA, 1,2-DCA, and/or 1,1-DCE above AWQSGVs are also shown in the deep wells. The September 2025 results show, in general, a decrease in PCE concentrations along with an increase in the breakdown products suggesting that reductive dechlorination is occurring.

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 (located within the former dry cleaner tenant space), MW-1S (located about 15

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feet to the north of the tenant space) and MW-2S (located about 20 feet north-northeast of the tenant space). 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 the AWQSGVs for cis-1,2-DCE and VC were detected. Detections of 1,1-DCA above AWQSGVs are also shown at MW-101D. 1,2-DCA is reported above AWQSGVs at MW-101D and MW-3D (70 feet north of the store), and apparently upgradient of the former dry cleaner unit.

Plots of total cVOCs over time are shown on Figure 8. As shown, concentrations of cVOCs are consistently higher (by at least an order of magnitude) in the shallow wells than in the deep wells at the downgradient well pairs (MW-1S/MW-1D and MW-2S/2D). Levels in the shallow wells (MW-1S and MW-2S) show decreasing trends from 2013 to 2025. Levels of total cVOCs in the deep wells show fluctuating trends at MW-1D. Levels at MW-2D show an increasing trend from 2008 to 2017 and decreasing trend from 2017 to 2025.

At the MW-3S/MW-3D well pair total cVOC levels in the deep well are greater than in the shallow well and are showing an increasing trend from 2008 to 2025. As shown in Table 6A the primary chlorinated compound is cis-1,2-DCE. In 2022 and 2025, cis-1,2-DCE was reported above its AWQSGV of 5 ug/L in MW-3D (11 ug/L and 23 ug/L, respectively). Levels of total cVOCs in the MW-3S shallow well are comprised solely of cis-1,2-DCE and are showing generally stable concentrations below 2 ug/L and below AWQSGV. Although this well pair is located in the northern portion of the loading dock/parking lot area, the water level elevations indicate this well pair is upgradient of the former dry cleaner.

In the well pair located in the 10th Avenue sidewalk (MW-101S/MW-101D) Total cVOC levels are also greater in the deep well than in the shallow and are showing decreasing trends. As shown in Table 6A, the primary compounds are the breakdown products cis-1,2-DCE and VC (PCE is consistently reported at levels below reporting limits).

The analytical data indicate that groundwater contamination is not widespread and may be decreasing. Although the distribution of exceedances of AWQSGVs appears to be in wells located primarily within, and to the north, of the former dry cleaner unit there are reported exceedances of AWQSGVs in shallow and deep wells located in the 10th Avenue sidewalk upgradient of the Site. The overall fluctuations/trends in total cVOCs are suggested to be due to decreases in PCE along with increases in breakdown products.

5.3.2.2 Groundwater Results - 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, for all samples collected during this event, SVOCs were not reported at levels above the respective laboratory reporting limits.

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5.3.2.3 Groundwater Results - 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 not reported at levels above the laboratory reporting limits and/or AWQSGVs, with the exception of 1,4-dioxane which was reported above its AWQSGV of 0.35 ug/L at two upgradient deep wells at estimated ("J") concentrations of 1.4 ug/L (MW-101D) and 0.64 J ug/L (MW-201D). These two wells are located on the 10th Avenue sidewalk upgradient of the Site.

5.3.2.4 Groundwater Results - 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 AWQSGVs in all samples. The corresponding levels of dissolved iron were much lower with only two samples (MW-101D and MW-201S) exhibiting results above AWQSGVs. Levels of dissolved sodium were reported above AWQSGVs in all samples analyzed. Levels of total magnesium were reported above AWQSGVs in three upgradient wells (MW-101S, MW-101D, and MW-201S). Levels of dissolved magnesium were also reported above AWQSGVs 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 AWQSGVs in seven wells located sporadically across the Site. Dissolved manganese was reported above AWQSGVs in only four of the wells: three deep wells (MW-1D, MW-2D, and MW-101D) and one shallow well (MW-201S).

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, there were no metals in soils that exceeded CU SCOs, whereas various metals are reported above AWQSGVs in wells located both upgradient and downgradient. The overall data suggest the detections are for metals that are naturally occurring in NYC groundwater and are not contaminants of concern.

5.3.2.5 Groundwater Results - 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 not reported at levels above laboratory reporting limits for any of the samples collected during this event.

5.3.2.6 Groundwater Results - 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 not reported at levels above laboratory reporting limits for any of the samples collected during this event.

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5.3.2.7 Groundwater Results - 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.

The sampling locations are shown on Figure 3B. A spider map depicting exceedances of AWQSGVs is presented on Figure 6.

Since the Guidance Values in NYSDEC's "Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)" and the laboratory data are presented in nanograms per liter (ng/L or parts per trillion [ppt]) no conversion was undertaken. Results are shown in Table 6G. Exceedances are shown on Figure 6 (Spider Map). A graphical presentation of PFAS concentrations from June 2022 sampling event is also shown on Figure 9.

As shown, perfluorooctanesulfonic acid (PFOS) was reported at levels above its AWQSGV (2.7 ng/L) in four of the five shallow wells sampled (MW-1S, MW-2S, MW-101S, and MW-201S) and in four of the five deep wells sampled (MW-1D, MW-101D, MW-113D, and MW-201D).

As shown in Figure 9, the highest concentrations of PFOS are reported in the deep portion of well MW-113D, whereas the lowest concentrations are reported in the shallow portion of well MW-113S. Levels in upgradient wells MW-101S/MW-101D and MW-201S are comparable to the levels in the downgradient wells MW-1S/1D and MW-2S.

Perfluorooctanoic acid (PFOA) was reported above its AWQSGV (6.7 ng/L) in four of the five shallow wells sampled (MW-2S, MW-101S, MW-113S, and MW-201S) and in three of the five deep wells sampled (MW-1D, MW-101D, and MW-113D). As shown in Figures 6 and 9, the distribution of PFOA is somewhat similar to that of PFOS with the highest concentration being in the deep portion of well MW-113D. However, levels in upgradient wells MW-101S/MW-101D and MW-201S are slightly higher than in downgradient wells MW-1S/MW-1D and MW-2S/MW-2D.

The overall data indicated that although PFAS levels are shown in the wells inside (MW-113D) and downgradient (MW-1S/MW-1D and MW-2S/MW-2D) of the former dry cleaner, there may also be a contributing off-site (upgradient) source.

5.3.2.8 Groundwater Results - 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 AWQSGVs for each of the samples.

5.3.3 Sub-Slab Soil Gas and Indoor Air Quality Results

As described in Section 4.5, soil gas, sub-slab soil gas, and indoor air quality samples were collected by Stantec at the Site from June 2013 to March 2022 as a means to conduct vapor

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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 the 2013 to 2022 work are presented in Stantec's IRM-CCR, dated August 12, 2022, and described above in Sections 3.2.3 and 3.3.

The additional vapor intrusion work conducted in 2023 and 2024 was related to the annual operations, maintenance, and monitoring (OM&M) of the SSDs. 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 for the March 2023 vapor intrusion work are presented in Appendix L. The DUSR and laboratory report for the February 2024 vapor intrusion work are presented in Appendix M. The SSSG and IA results are presented in Tables 7A and 7B, respectively, and are discussed below.

5.3.3.1 SSSG and IA Results - March 2023

Former Dry Cleaner

On March 2, 2023, Stantec collected indoor air quality samples at three locations in the former dry cleaner unit (identified as Cleaner, Cleaner 2, and Cleaner 3) and sub-slab soil gas samples from three sub-slab probes in the former dry cleaner (VMP-2R, VMP-3R, and VMP-4R).

TCE was not detected at the laboratory reporting limit of 0.19 ug/m³ in any of the three IA samples in the former dry cleaner (all results < 0.2 ug/m³). The TCE levels in the sub-slab samples in the former dry cleaner ranged from "non-detect" (1.9 U ug/m³) to 7.2 ug/m³ (i.e., 6 to 60 ug/m³). The sample results would place TCE in Category 4 (No further action) for the former dry cleaner (reference Matrix A table below).

Soil Vapor/Indoor Air Matrix A
TCE, cis-1,2-DCE, 1,1-DCE, Carbon Tetrachloride

SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M ³)	INDOOR AIR CONCENTRATION OF COMPOUND (UG/M ³)		
	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RE-SAMPLE or MITIGATE
6 to < 60	4. No further action	5. Monitor	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

Levels of PCE in the SSSG samples were 59 ug/m³ in VMP-2R, 25 ug/m³ in VMP-3R, and 150 ug/m³ in VMP-4R. TCE concentrations were 7.2 ug/m³ in VMP-2R, "non-detect" in VMP-3R, and 1.6 J

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ug/m³ in VMP-4R. Note that this was the second time these three probes have been sampled. The results indicate that PCE remains in the sub-slab soil gas beneath the former dry cleaner.

Levels of PCE in the IA were 0.43 J ug/m³ in the lower storage area (Cleaner), and 0.19 J ug/m³ and "non-detect" (1.4 U ug/m³) in the upper renovated space (Cleaner 2 and Cleaner 3, respectively). Note that the "J" indicates an estimated value.

PCE in the sub-slab samples in the former dry cleaner ranged from 25 ug/m³ to 150 ug/m³ (i.e., 100 to < 1,000 ug/m³). PCE in the indoor air samples ranged from "non-detect" (at 1.4 ug/m³) to 0.43 J ug/m³. These levels are all < 3 ug/m³. The sample results would therefore place PCE in Category 4 (No further action) for the former dry cleaner (reference Matrix B table below).

Soil Vapor/Indoor Air Matrix B
(PCE, 1,1,1-TCA, and Methylene Chloride)

SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M ³)	INDOOR AIR CONCENTRATION OF COMPOUND (UG/M ³)		
	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No further action	3. IDENTIFY SOURCES(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. Monitor	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

The results for BTEX compounds from the March 2023 event are compared to the Soil Vapor/Indoor Air Matrices developed by NYSDOH in February 2024.

The compounds in Matrix D below were reported in the IA samples at levels ranging from non-detect to 1.6 ug/m³ (1,2,4-trimethylebenzene at Clenaer-2). These levels are all < 2 ug/m³. Levels of the same compounds in the SSSG samples ranged from non-detect to 37 ug/m³. The 37 ug/m³ was the level of naphthalene reported at VMP-3R. These levels are all < 60 ug/m³. The overall data would therefore place these compounds in Category 4 (No further action) for the former dry cleaner (reference Matrix D table below).

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Soil Vapor/Indoor Air Matrix D

Benzene, ethylbenzene, naphthalene, cyclohexane, 2,2,4-trimethylpentane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene

SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M3)	INDOOR AIR CONCENTRATION OF COMPOUND (UG/M3)		
	< 2	2 to < 10	10 and above
< 60	1. No further action	2. No further action	3. IDENTIFY SOURCES(S) and RE-SAMPLE or MITIGATE
60 to < 60	4. No further action	5. Monitor	6. MITIGATE
600 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

The compounds in Matrix E below were reported in the IA samples at levels ranging from "non-detect" to 1.2 ug/m³ (m, p-xylenes at Clender-2). These levels are all < 6 ug/m³. Levels of the same compounds in the SSSG samples ranged from "non-detect" to 5.4 ug/m³ (hexane at VMP-4). These levels are all < 200 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former dry cleaner (reference Matrix E table below).

Soil Vapor/Indoor Air Matrix E			
m,p-xylene, heptane, hexane			
SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M ³)	INDOOR AIR CONCENTRATION OF COMPOUND (UG/M ³)		
	< 6	6 to < 20	20 and above
< 200	1. No further action	2. No further action	3. IDENTIFY SOURCES(S) and RE-SAMPLE or MITIGATE
200 to < 2,000	4. No further action	5. Monitor	6. MITIGATE
2,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

The compound (toluene) in Matrix F below was reported in the IA samples at levels ranging from "non-detect" to 1.6 ug/m³ (at Cleaner-1). These results are all < 10 ug/m³. Levels of toluene in the SSSG samples ranged from 1.6 to 3.5 ug/m³ (VMP-2R). These results are all < 300 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former dry cleaner (reference Matrix F table below).

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Soil Vapor/Indoor Air Matrix F			
Toluene			
INDOOR AIR CONCENTRATION OF COMPOUND (UG/M ³)			
SUB-SLAB VAPOR CONCENTRATION OF COMPOUND (UG/M ³)	< 10	10 to < 50	50 and above
< 300	1. No further action	2. No further action	3. IDENTIFY SOURCES(S) and RE-SAMPLE or MITIGATE
300 to < 3,000	4. No further action	5. Monitor	6. MITIGATE
3,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

Former Bank/Rehab Center

On March 2, 2023, Stantec collected IA samples at the two locations in the former Bank (Bank-1 and 2) and SSSG samples from four of the seven probes in the former Bank (SG-4, SG-6, SG-11, and SG-12).

Levels of TCE were reported in the indoor air samples from the Bank as "non-detect" (at 0.19 U ug/m³). These results are all < 0.2 ug/m³. TCE in the sub-slab samples in the Bank/Rehab Center were all "non-detect" (at 1.9 U ug/m³), which are all < 6 ug/m³. This would place TCE in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix A table above).

PCE in the two IA samples were reported at estimated levels of 0.21 NJ and 0.31 NJ ug/m³. These results are < 3 mg/m³. PCE concentrations in the SSSG probes in the Rehab Center ranged from "non-detect" to 12 ug/m³ (SG-11). These results are all < 100 ug/m³. The levels would therefore place PCE in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix B table above).

The compounds in Matrix D were reported in the two IA samples at levels ranging from "non-detect" to 0.92 ug/m³ (1,2,4-trimethylebenzene at Bank-2). These results are all < 2 ug/m³. Levels of the same compounds in the SSSG samples ranged from "non-detect" to 3.1 ug/m³ (ethylbenzene at SG-6). These results are all < 60 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix D table above).

The compounds in Matrix E were reported in the two IA samples at levels ranging from 0.44 to 2.4 ug/m³ (m,p-xylenes at Bank-1). These results are all < 6 ug/m³. Levels of the same compounds in the SSSG samples ranged from "non-detect" to 6.6 ug/m³ (hexane at SG-4). These levels are all < 200 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix E table above).

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The compound (toluene) in Matrix F was reported in the two IA samples at levels ranging from 2.0 to 3.2 ug/m³. These results are all < 10 ug/m³. Levels of toluene in the SSSG samples ranged from “non-detect” to 7.2 ug/m³ (SG-4). These results are all < 300 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix F table above).

5.3.3.2 SSSG and IA Results - February 2024

Former Dry Cleaner

On February 14, 2024, Stantec collected indoor air quality samples at three locations in the former dry cleaner unit (identified as Cleaner, Cleaner 2, and Cleaner 3) and sub-slab soil gas samples from three sub-slab probes in the former dry cleaner (VMP-2R, VMP-3R, and VMP-4R).

TCE was not detected at the laboratory reporting limit of 0.107 ug/m³ in any of the three IA samples in the former dry cleaner (all results < 0.2 ug/m³). The TCE levels in the sub-slab samples in the former dry cleaner ranged from “non-detect” to 1.15 ug/m³ (at VMP-4R), which are all < 6 ug/m³. The sample results would place TCE in Category 1 (No further action) for the former dry cleaner (reference Matrix A table above).

Levels of PCE in the indoor air were reported as “non-detect” (at 0.136 U ug/m³) for all three IA samples. PCE in the sub-slab samples in the former dry cleaner ranged from 5.93 ug/m³ to 111 ug/m³ (i.e., 100 to < 1,000 ug/m³). The levels would therefore place PCE in Category 4 (No further action) for the former dry cleaner (reference Matrix B table above).

The compounds in Matrix D were reported as “non-detect” for all three IA samples (all results < 2 ug/m³). Levels of the same compounds in the SSSG samples ranged from “non-detect” to 1.20 ug/m³ (benzene at VMP-2R). These results are all < 60 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former dry cleaner (reference Matrix D table above).

The compounds in Matrix E were reported in the IA samples at levels ranging from “non-detect” to 2.63 ug/m³ (heptane at Cleaner-3). These results are all < 6 ug/m³. Levels of the same compounds in the SSSG samples were all reported as “non-detect” (all results < 200 ug/m³). The overall data would therefore place these compounds in Category 1 (No further action) for the former dry cleaner (reference Matrix E table above).

The compound (toluene) in Matrix F was reported in the indoor air samples as “non-detect” in each of the IA samples (all results < 10 ug/m³). Levels of toluene in the SSSG samples ranged from “non-detect” to 2.52 ug/m³ (VMP-2R) (all results < 300 ug/m³). The overall data would therefore place these compounds in Category 1 (No further action) for the former dry cleaner (reference Matrix F table above).

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Former Bank/Rehab Center

On February 14, 2024, Stantec collected IA samples at the two locations in the former Bank (Bank-1 and 2) and SSSG samples from four of the seven probes in the former Bank (SG-4, SG-6, SG-11, and SG-12).

Levels of TCE were reported in the indoor air samples from the Bank as "non-detect" (at 0.19 U ug/m³). These results are all < 0.2 ug/m³. TCE in the sub-slab samples in the Bank/Rehab Center were also reported as "non-detect", which are all < 6 ug/m³. This would place TCE in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix A table above).

PCE in the two IA samples were reported as "non-detect" (at 0.136 ug/m³). These levels are < 3 ug/m³. PCE concentrations in the SSSG probes in the Rehab Center ranged from "non-detect" to 33.6 ug/m³ (SG-6). These results are all < 100 ug/m³. The levels would therefore place PCE in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix B table above).

The compounds in Matrix D were reported in the two IA samples as "non-detect" (all results < 2 ug/m³). Levels of the same compounds in the SSSG samples ranged from "non-detect" to 6.71 ug/m³ (cyclohexane at SG-6). These results are all < 60 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix D table above).

The compounds in Matrix E were reported in the two IA samples as "non-detect" (all results < 6 ug/m³). Levels of the same compounds in the SSSG samples ranged from "non-detect" to 3.13 ug/m³ (m,p-xylenes at SG-4). These results are all < 200 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix E table above).

The compound (toluene) in Matrix F was reported in the two IA samples at levels ranging "non-detect" to 0.765 ug/m³. These results are all < 10 ug/m³. Levels of toluene in the SSSG samples ranged from "non-detect" to 2.65 ug/m³ (SG-4). These results are all < 300 ug/m³. The overall data would therefore place these compounds in Category 1 (No further action) for the former Bank/Rehab Center (reference Matrix F table above).

5.4 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

The New York State Department of Environmental Conservation's guidance (Appendix 3B, DER-10/Technical Guidance for Site Investigation and Remediation - May 2010), describes the overall purpose of a Qualitative Human Health Exposure Assessment (or the exposure assessment) as:

"...to evaluate and document how people might be exposed to site-related contaminants, and to identify and characterize the potentially exposed population(s) now and under the reasonably anticipated future use of the site."

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The guidance requires:

"the exposure assessment must evaluate five elements associated with exposure pathways and describe how each element pertains to the site being evaluated."

The five elements as they pertain to the Site are discussed below:

- 1. a description of the contaminant source(s) including the location of the contaminant release to the environment (any waste disposal area or point of discharge) or if the original source is unknown, the contaminated environmental medium (soil, indoor or outdoor air, biota, water) at the point of exposure;**

As described above, 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, the source of cVOCs has been determined to be the former dry cleaner (i.e., historical releases and/or spills 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 VC.

- 2. an explanation of the contaminant release and transport mechanisms to the exposed population;**

The primary source of cVOCs were historical releases and/or spills of dry cleaning fluids at the former Johnny on the Spot Dry Cleaner. The specific locations and/or timing of the releases are unknown. During the overall investigation work, soil and groundwater samples were collected and analyzed for VOCs, SVOCs, TAL Metals, PCBs, Pesticides, PFAS, and 1,4-dioxane. As described throughout the draft RIR, cVOCs are the primary contaminants of concern.

Soils: cVOCs were generally detected at depths exceeding 6 feet below ground. The overall soil quality data indicate these impacts are located inside the former dry cleaner (i.e., no impacts to subsurface soils are shown in the loading dock parking located to the north of the former dry cleaner. No SVOCs, Metals, PCBs, PFAS, or 1,4-dioxane were reported above SCOS.

Groundwater: cVOCs have leached to groundwater on site with evidence of impacts to groundwater in wells in the loading dock/parking lot area downgradient of, and in close proximity to, the site. There is evidence of dissolved phase VOCs and PFAS above AGWQSGVs in groundwater both downgradient and upgradient of the site.

Surface water: There are no surface water impoundments on-site or in close proximity off-site. Exposure to surface water is, therefore, not a complete pathway and does not warrant further evaluation or discussion.

Ambient Air: Contaminants in soil could potentially be introduced to ambient air via wind erosion (e.g. contaminants bound to airborne soil particulate) and/or via volatilization to ambient air

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from soil. However, asphalt/concrete covers the majority of on-site and off-site soils, thus potential for wind erosion of soils and volatilization are minimal.

Indoor Air: cVOCs in soil and groundwater are volatile, they can be entrained to soil gas via advection/diffusion through the vadose zone. Vapor intrusion can occur when cVOCs in sub-slab soil gas enter indoor air through preferential pathways in building slabs and foundations. As described above, based on elevated levels of cVOCs in sub-slab soil gas underneath the former dry cleaner, and to some extent underneath the western portion of the former Bank, sub-slab depressurization systems were installed in both units.

3. identification of all potential exposure point(s) where actual or potential human contact with a contaminated medium may occur;

Soils: The direct contact pathway (dermal, ingestion and inhalation of particulate or vapor) for subsurface and surface soils can be ruled out and warrants no further investigation based on the lines of evidence:

- There is no completed physical pathway of exposure: pathways for direct contact with soil are blocked by concrete and/or pavement both inside and outside of structures on site and off site. There is very little, if any, exposure to soil on-site or off-site due to the covering effect of concrete and pavement.
- Detected concentrations are generally at depths below 6 feet below ground. Evidence from laboratory analysis and PID screening suggest that impacts are in the subsurface. Residents, commercial workers, and “shoppers” have very little chance of being exposed to subsurface soils.

A hypothetical current or future excavation worker may have exposure to subsurface soil, but risks/hazards would be minimal since cVOC concentrations are generally below 6 feet below ground.

It can be concluded that risk/hazard from direct contact with soils on-site are de minimis. The potential for direct contact to soils for human receptors does not warrant further investigation.

Groundwater: The potential for direct contact with groundwater on-site or off-site is also minimal and warrants no further investigation based on the following lines of evidence:

- cVOCs and PFAS have impacted shallow groundwater, which is not considered a potable water source;
- Groundwater in this area is not used for irrigation, process water, or other consumption; and.
- A public water supply provides potable water to the region.

An excavation worker could come into contact with shallow groundwater during subsurface excavation, however risk and hazard would be minimal given short exposure durations and exposure frequencies.



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Indoor Air – Inhalation: There are potentially two contaminated media sources which may contribute to vapor intrusion risk/hazard:

- cVOCs in soil; and.
- dissolved cVOCs in groundwater.

Based on the reported concentrations of cVOCs in sub-slab soil gas and indoor air samples and comparing the concentrations to the NYSDOH Soil Vapor/Indoor Air Matrices, this exposure route exists and mitigation was, and is being initiated, via sub-slab depressurization systems.

Ambient Air – Inhalation: Contaminants in soil and/or groundwater could potentially be introduced to ambient air via wind erosion (e.g. contaminants bound to airborne soil particulate) and/or via volatilization to ambient air from soil and/or groundwater. However, this pathway can be ruled out and warrants no further investigation since the pathway is essentially blocked by concrete/pavement and low concentrations of cVOCs detected in soil gas samples from the loading dock/parking lot area.

Surface water and sediments: There are no surface water impoundments or sediments on-site or in proximity to the site. Direct contact to surface water and sediments warrants no further investigation.

4. description(s) of the route(s) of exposure (i.e., ingestion, inhalation, dermal absorption);

Descriptions of potential routes of exposure were discussed in context of exposure point and medium in the previous section. In general, the major direct contact routes of exposure to soil include: ingestion, dermal, and inhalation (volatilization and wind erosion to ambient air). In addition, volatile contaminants in soil and groundwater can enter indoor air spaces via volatilization and preferential pathways (vapor intrusion).

5. a characterization of the receptor populations who may be exposed to contaminants at a point of exposure.

Potential current and future human receptors for the qualitative assessment include:

- Indoor commercial worker – this worker works indoors presumably at the Travel Agency or Rehab Center, or in a future business on-site or off-site.
- Excavation worker – an excavation worker could have exposure to on-site or off-site contamination now or in the future. An excavation worker could come into contact with subsurface soils and groundwater during subsurface excavation.
- Patron of Travel Agency or Rehab Center or visitor – this receptor currently would be represented by a “shopper” or a “visitor” to the two units.

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In summary, the only pathway of exposure that could be considered complete 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 to March 2024 do not pose an unacceptable risk to people currently working within the lease units. However, the concentrations of PCE, TCE and VC detected in sub-slab soil vapor beneath the former dry cleaner and the former Bank/Rehab Center 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 VC detected in sub-slab soil gas beneath the former dry cleaner lease unit. And as discussed in Section 3.3 above, this exposure pathway is actively being mitigated by sub-slab depressurization systems in both the former dry cleaner/Travel Agency and the former Bank/Rehab Center.

5.5 QA/QC SUMMARY

During the June 2022 soil sampling event, one Duplicate sample ("Dupe") was collected from B-113 (12.5 – 13.5 ft bls). As described in the DUSR (Appendix I), the relative percent differences (RPDs) were within acceptable limits, except for cis-1,2-DCE, PCE, TCE, 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 event, one Duplicate sample ("Dupe") was collected from MW-2S. As described in the DUSR (Appendix J) the RPDs were within acceptable limits, except for total aluminum, dissolved aluminum, and total chromium. Trip Blanks accompanied the samples collected during each of the three days of sampling and were analyzed for VOCs only. The laboratory results for two of the Trip Blanks were all "non-detect". Results from the third Trip Blank exhibited methylene chloride and toluene at estimated levels of 0.8 J and 0.6 J ug/L. Laboratory results for the Equipment Blank (all tests), also reported methylene chloride detected at an estimated level of 1.5 JB ug/L. Results for the Field Blank (tested for PFAS only) were all "non-detect".

During the September 2025 groundwater sampling event, one Duplicate sample ("Dupe") was collected from MW-2S. As described in the DUSR (Appendix N) the RPDs were within acceptable limits. A Trip Blank accompanied the samples and was analyzed for VOCs only. The laboratory results from the Trip Blank exhibited acetone at concentration of 5.1 ug/L. Acetone was not detected in the field samples so no validation qualification was necessary. Laboratory results for the Equipment Blank were all "non-detect".

6.0 CONCLUSIONS

The overall soil, groundwater, and vapor quality data continue to show that the media within and just downgradient (to the north) of the Site are impacted by cVOCs. The impacted soils and groundwater 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 not reported at levels above laboratory reporting limits and/or the applicable SCOs and AWQSGVs, except 1,4-dioxane, which was reported above its AWQSGV in groundwater sampled from two upgradient deep wells (MW-101D and MW-201D).

PFAS were not reported at levels above laboratory reporting limits in any of the soil samples. The groundwater sample results exhibited PFOS and PFOA at levels above AWQSGVs in a few shallow and deep monitoring wells, including upgradient wells. The highest concentrations in groundwater were reported in the deep portion of well MW-113D located inside the former dry cleaner. The lack of detections for these constituents in the Site soils may suggest their presence in the Site groundwater are related to both the Site historical activities and potential upgradient off-site sources.

Concentrations 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 over time. This condition is most likely due to the influence of the SSDs.

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 vacuum pressures at various sub-slab vapor points on a monthly basis.
- Collect an annual round of sub-slab and indoor air quality samples for VOC analysis by USEPA Method TO-15, during the winter heating season (between October and March).
- Conduct 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. Due to the logistics of the former dry cleaner and Bank/Rehab Center (tight spaces and active commercial units), additional soil excavation does not appear practical. A likely remediation strategy could consist of in-situ injections for ERD.

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:

* All wells re-surveyed by Control Point Associates in October 2022.

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	10/14/08	4.02	14.43
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-1S	9/11/2008	19.2	18.45	09/02/25	6.79	11.66
MW-1D	9/11/2008	19.2	18.98	10/14/08	6.24	12.74
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-1D	9/11/2008	19.2	18.98	09/02/25	8.44	10.54
MW-2S	9/11/2008	18.9	18.72	10/14/08	5.41	13.31
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-2S	9/11/2008	18.9	18.72	09/02/25	6.84	11.88
MW-2D	9/11/2008	18.9	18.83	10/14/08	5.89	12.94
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-2D	9/11/2008	18.9	18.83	09/02/25	8.34	10.49
MW-3S	10/2/2008	17.3	17.03	10/14/08	1.61	15.42
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-3S	10/2/2008	17.3	17.03	09/02/25	2.35	14.68

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-3D	10/2/2008	17.4	17.03	10/14/08	3.92	13.11
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-3D	10/2/2008	17.4	17.03	09/02/25	5.70	11.33
MW-101S	6/18/2013	23.8	23.63	10/14/08	NYD	NYD
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
MW-101S	6/18/2013	23.8	23.63	09/02/25	10.36	13.27
MW-101D	6/18/2013	23.8	23.43	10/14/08	NYD	NYD
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-101D	6/18/2013	23.8	23.43	09/02/25	12.91	10.52
MW-102S	6/19/2013	24.0	23.23	10/14/08	NYD	NYD
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-102S	6/19/2013	24.0	23.23	09/02/25	8.10	15.13
MW-102D	6/19/2013	24.1	23.36	10/14/08	NYD	NYD
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-102D	6/19/2013	24.1	23.36	09/02/25	12.28	11.08

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-103D	6/18/2013	18.9	18.58	10/14/08	NYD	NYD
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-103D	6/18/2013	18.9	18.58	09/02/25	7.79	10.79
MW-113	6/6/2022	NYD	NYD	10/14/08	NYD	NYD
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-113	6/6/2022	20.1	19.69	09/02/25	8.91	10.78
MW-201S	9/13/2017	23.8	23.55	10/14/08	NYD	NYD
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-201S	9/13/2017	23.8	23.55	09/02/25	NM	-
MW-201D	9/13/2017	23.8	23.61	10/14/08	NYD	NYD
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
MW-201D	9/13/2017	23.8	23.61	09/02/25	13.13	10.48

Notes:

* All wells re-surveyed by Control Point Associates in October 2022.

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

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
09/02/25	9.7	-13.3	11.66	10.54	-4.87E-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
09/02/25	7.4	-13.5	11.88	10.49	-6.65E-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
09/02/25	7.8	-15.1	14.68	11.33	-1.46E-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
09/02/25	7.8	-18.7	13.27	10.52	-1.04E-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
09/02/25	8.0	-8.4	15.13	11.08	-2.47E-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
08/30/22	8.8	-12.7	NM	10.48	NM

Notes:

* All wells re-surveyed by Control Point Associates in October 2022.

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

ft/ft = feet per foot

WT = Water Table

DOB = Deep Overburden

NYI = Not yet installed

NM = Not Measured

- = Downward vertical gradient

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		Stratigraphic Unit
			(cm/sec)	(ft/day)	
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 5
Summary of Soil Analytical Results: VOCs Sep 2017
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Client ID			B-101(7.6')		B-101(14.5')		B-102(6.5')		B-102(13.6')		B-103(7.5')		B-103(13.6')		B-104(7.0')		B-104(14.3')		B-105 (5.5')		B-105 (13.5')		B-106 (5.5')		B-106 (14.5')	
Lab Sample ID			460-140792-8		460-140792-9		460-140792-6		460-140792-7		460-140792-4		460-140792-5		460-140792-2		460-140792-3		460-140863-12		460-140863-13		460-140863-14		460-140863-15	
Sampling Date			9/11/2017		9/11/2017		9/11/2017		9/11/2017		9/11/2017		9/11/2017		9/11/2017		9/11/2017		912/17		912/17		912/17		912/17	
Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1	
Unit			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
NYSDEC SCO			Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result	
POG			Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q	
VOCs by EPA Method 8260B	Units																									
1,1,1-Trichloroethane	mg/kg	0.68	0.00028	U	0.0002	U	0.00029	U	0.00019	U	0.00019	U	0.00023	U	0.00023	U	0.00022	U	0.00022	U	0.0002	U	0.00023	U	0.00031	U
1,1,2,2-Tetrachloroethane	mg/kg	NS	0.00026	U	0.00019	U	0.00027	U	0.00018	U	0.00017	U	0.00021	U	0.00021	U	0.0002	U	0.00021	U	0.00018	U	0.00022	U	0.00029	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	mg/kg	NS	0.00037	U	0.00026	U	0.00038	U	0.00025	U	0.00025	U	0.00029	U	0.0003	U	0.00028	U	0.00029	U	0.00025	U	0.0003	U	0.00041	U
1,1,2-Trichloroethane	mg/kg	NS	0.00022	U	0.00016	U	0.00022	U	0.00015	U	0.00014	U	0.00017	U	0.00018	U	0.00017	U	0.00017	U	0.00015	U	0.00018	U	0.00024	U
1,1-Dichloroethane	mg/kg	0.27	0.00025	U	0.00018	U	0.00026	U	0.00017	U	0.00017	U	0.0002	U	0.00021	U	0.00019	U	0.0002	U	0.00017	U	0.00021	U	0.00028	U
1,1-Dichloroethene	mg/kg	0.33	0.00027	U	0.0002	U	0.00028	U	0.00019	U	0.00018	U	0.00022	U	0.00023	U	0.00021	U	0.00022	U	0.00019	U	0.00023	U	0.0003	U
1,2,3-Trichlorobenzene	mg/kg	NS	0.00022	U	0.00016	U	0.00023	U	0.00015	U	0.00015	U	0.00018	U	0.00018	U	0.00017	U	0.00017	U	0.00015	U	0.00018	U	0.00024	U
1,2,4-Trichlorobenzene	mg/kg	NS	0.00011	U	0.00008	U	0.00012	U	0.000076	U	0.000075	U	0.00009	U	0.000092	U	0.000087	U	0.000088	U	0.000077	U	0.000093	U	0.00012	U
1,2-Dibromo-3-Chloropropane	mg/kg	NS	0.00056	U	0.0004	U	0.00058	U	0.00038	U	0.00037	U	0.00045	U	0.00046	U	0.00043	U	0.00044	UJ	0.00039	UJ	0.00046	UJ	0.00062	UJ
1,2-Dichlorobenzene	mg/kg	1.1	0.00018	U	0.00013	U	0.00018	U	0.00012	U	0.00012	U	0.00014	U	0.00014	U	0.00014	U	0.00014	U	0.00012	U	0.00015	U	0.00019	U
1,2-Dichloroethane	mg/kg	0.02	0.00036	U	0.00026	U	0.00037	U	0.00024	U	0.00024	U	0.00029	U	0.0003	U	0.00028	U	0.00028	U	0.00025	U	0.0003	U	0.0004	U
1,2-Dichloropropane	mg/kg	NS	0.00051	U	0.00037	U	0.00053	U	0.00035	U	0.00034	U	0.00041	U	0.00042	U	0.0004	U	0.00041	U	0.00036	U	0.00043	U	0.00057	U
1,3-Dichlorobenzene	mg/kg	2.4	0.00019	U	0.00014	U	0.0002	U	0.00013	U	0.00013	U	0.00016	U	0.00016	U	0.00015	U	0.00015	U	0.00013	U	0.00016	U	0.00021	U
1,4-Dichlorobenzene	mg/kg	1.8	0.00012	U	0.000087	U	0.00013	U	0.000082	U	0.000081	U	0.000098	U	0.0001	U	0.000094	U	0.000096	U	0.000084	U	0.0001	U	0.00013	U
1,4-Dioxane	mg/kg	0.1	0.011	U	0.008	U	0.012	U	0.0076	U	0.0075	U	0.009	U	0.0092	U	0.0087	U	0.0088	U	0.0077	U	0.0093	U	0.012	U
2-Butanone (MEK)	mg/kg	0.12	0.0014	UJ	0.00097	UJ	0.0014	UJ	0.00091	U	0.0019	NJ	0.0011	U	0.0025	NJ	0.0010	UJ	0.0020	NJ	0.00093	U	0.0019	NJ	0.0015	U
2-Hexanone	mg/kg	NS	0.00095	U	0.00068	U	0.00098	U	0.00064	U	0.00064	U	0.00076	U	0.00078	U	0.00073	U	0.00075	U	0.00066	U	0.00079	U	0.0011	U
4-Methyl-2-pentanone	mg/kg	NS	0.00081	U	0.00058	U	0.00084	U	0.00055	U	0.00054	U	0.00065	U	0.00067	U	0.00063	U	0.00064	U	0.00056	U	0.00067	U	0.00089	U
Acetone	mg/kg	0.05	0.0046	U	0.0043	NJB	0.0048	U	0.0031	U	0.017	JB	0.0037	U	0.011	JB	0.0059	JB	0.0036	U	0.0042		0.0089		0.0071	
Benzene	mg/kg	0.06	0.00031	U	0.00023	U	0.00033	U	0.00021	U	0.00021	U	0.00025	U	0.00026	U	0.00024	U	0.00025	U	0.00022	U	0.00026	U	0.00035	U
Bromoform	mg/kg	NS	0.00052	U	0.00037	U	0.00054	U	0.00035	U	0.00035	U	0.00042	U	0.00043	U	0.0004	U	0.00041	U	0.00036	U	0.00043	U	0.00057	U
Bromomethane	mg/kg	NS	0.00058	U	0.00041	U	0.0006	U	0.00039	U	0.00039	U	0.00046	U	0.00048	U	0.00045	U	0.00045	U	0.0004	U	0.00048	U	0.00064	U
Carbon disulfide	mg/kg	NS	0.00032	U	0.00023	U	0.00034	U	0.00022	U	0.00036	NJ	0.00057	NJ	0.00039	NJ	0.00026	NJ	0.00025	U	0.00022	U	0.00027	U	0.0013	
Carbon tetrachloride	mg/kg	0.76	0.00022	U	0.00016	U	0.00023	U	0.00015	U	0.00015	U	0.00018	U	0.00018	U	0.00017	U	0.00017	U	0.00015	U	0.00018	U	0.00024	U
Chlorobenzene	mg/kg	1.1	0.00022	U	0.00015	U	0.00022	U	0.00015	U	0.00014	U	0.00017	U	0.00018	U	0.00017	U	0.00017	U	0.00015	U	0.00018	U	0.00024	U
Chlorobromomethane	mg/kg	NS	NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR	
Chlorodibromomethane	mg/kg	NS	NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR	
Chloroethane	mg/kg	NS	0.00064	UJ	0.00046	UJ	0.00066	UJ	0.00043	UJ	0.00042	UJ	0.00051	U	0.00052	UJ	0.00049	UJ	0.0005	U	0.00044	U	0.00053	U	0.0007	U
Chloroform	mg/kg	0.37	0.00039	U	0.00028	U	0.0004	U	0.00026	U	0.00026	U	0.00031	U	0.00032	U	0.0003	U	0.00031	U	0.00027	U	0.00032	U	0.00043	U
Chloromethane	mg/kg	NS	0.00053	U	0.00038	U	0.00055	U	0.00036	U	0.00035	U	0.00043	U	0.00044	U	0.00041	U	0.00042	U	0.00037	U	0.00044	U	0.00059	U
cis-1,2-Dichloroethene	mg/kg	0.25	0.00018	U	0.00013	U	0.0017		0.0042	U	0.00012	U	0.077		0.00015	U	0.059		0.00015	U	0.034		0.00015	U	0.018	
cis-1,3-Dichloropropene	mg/kg	NS	0.00033	U	0.00024	U	0.00034	U	0.00023	U	0.00022	U	0.00027	U	0.00027	U	0.00026	U	0.00026	U	0.00023	U	0.00028	U	0.00037	U
Cyclohexane	mg/kg	NS	0.00027	U	0.00019	U	0.00028	U	0.00018	U	0.00018	U	0.00022	U	0.00022	U	0.00021	U	0.00021	U	0.00019	U	0.00022	U	0.0003	U
Dibromochloromethane	mg/kg	NS	0.00024	U	0.00017	U	0.00024	U	0.00016	U	0.00016	U	0.00019	U	0.00019	U	0.00018	U	0.00019	U	0.00016	U	0.0002	U	0.00026	U
Dichlorodifluoromethane	mg/kg	NS	0.00041	U	0.00029	U	0.00043	U	0.00028	U	0.00028	U	0.00033	U	0.00034	U	0.00032	U	0.00032	U	0.00028	U	0.00034	U	0.00046	U
Ethylbenzene	mg/kg	1	0.00024	U	0.00017	U	0.00025	U	0.00016	U	0.00016	U	0.00019	U	0.0002	U	0.00019	U	0.00019	U	0.00017	U	0.00042	NJ	0.00027	U
Ethylene Dibromide	mg/kg	NS	NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR	
Isopropylbenzene	mg/kg	NS	0.00015	U	0.00011	U	0.00016	U	0.0001	U	0.0001	U	0.00012	U	0.00013	U	0.00012	U	0.00012	U	0.00011	U	0.00013	U	0.00017	U
Methyl acetate	mg/kg																									

Table 5
Summary of Soil Analytical Results: VOCs Sep 2017
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Client ID			B-107 (6.5')		B-107 (12.5')		B-108 (5.5')		B-108 (13.5')		B-109 (3.5'-5.0')		B-110(6.5')		B-110(14.5')		B-111 (3.5')		B-111 (14.5')		B-112 (8.5')		B-112 (14.5')		B-113 (6.5')		B-113 (12.9')	
Lab Sample ID			460-140863-16		460-140863-17		460-140863-18		460-140863-19		460-140863-11		460-140792-10		460-140792-11		460-140863-1		460-140863-2		460-140863-3		460-140863-4		460-140863-5		460-140863-6	
Sampling Date			912/17		912/17		912/17		912/17		912/17		9/11/2017		9/11/2017		912/17		912/17		912/17		912/17		912/17		912/17	
Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor			1		1		1		1		1		50		50		1		1		1		1		50		100	
Unit			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
NYSDEC SCO			Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result	
VOCs by EPA Method 8260B			POG		POG		POG		POG		POG		POG		POG		POG		POG		POG		POG		POG		POG	
Units			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1,1,1-Trichloroethane	mg/kg	0.68	0.00021	U	0.0002	U	0.00022	U	0.00021	U	0.00021	U	0.022	U	0.024	U	0.00023	U	0.00024	U	0.0002	U	0.0002	U	0.021	U	0.053	U
1,1,2,2-Tetrachloroethane	mg/kg	NS	0.00019	U	0.00018	U	0.0002	U	0.0002	U	0.00019	U	0.015	U	0.016	U	0.00021	U	0.00022	U	0.00018	U	0.00018	U	0.014	U	0.036	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	mg/kg	NS	0.00027	U	0.00026	U	0.00028	U	0.00028	U	0.00027	U	0.027	U	0.029	U	0.00029	U	0.00031	U	0.00025	U	0.00026	U	0.025	U	0.064	UJ
1,1,2-Trichloroethane	mg/kg	NS	0.00016	U	0.00015	U	0.00017	U	0.00016	U	0.00016	U	0.0064	U	0.0067	U	0.00017	U	0.00019	U	0.00015	U	0.00015	U	0.006	U	0.015	U
1,1-Dichloroethane	mg/kg	0.27	0.00019	U	0.00018	U	0.00019	U	0.00019	U	0.00018	U	0.019	U	0.02	U	0.0002	U	0.00022	U	0.00017	U	0.00018	U	0.018	U	0.045	U
1,1-Dichloroethene	mg/kg	0.33	0.0002	U	0.00019	U	0.00021	U	0.00021	U	0.0002	U	0.027	U	0.029	U	0.00022	U	0.00023	U	0.00019	U	0.00019	U	0.025	U	0.064	U
1,2,3-Trichlorobenzene	mg/kg	NS	0.00016	U	0.00015	U	0.00017	U	0.00017	U	0.00016	U	0.028	U	0.029	U	0.00018	U	0.00019	U	0.00015	U	0.00016	U	0.026	U	0.066	U
1,2,4-Trichlorobenzene	mg/kg	NS	0.000083	U	0.000079	U	0.000086	U	0.000085	U	0.000082	U	0.022	U	0.023	U	0.000089	U	0.000096	U	0.000078	U	0.000079	U	0.020	U	0.051	U
1,2-Dibromo-3-Chloropropane	mg/kg	NS	0.00041	UJ	0.00039	UJ	0.00043	UJ	0.00043	UJ	0.00041	UJ	0.018	U	0.019	U	0.00045	U	0.00048	U	0.00039	U	0.0004	U	0.017	U	0.043	U
1,2-Dichlorobenzene	mg/kg	1.1	0.00013	U	0.00012	U	0.00014	U	0.00013	U	0.00013	U	0.018	U	0.019	U	0.00014	U	0.00015	U	0.00012	U	0.00012	U	0.016	U	0.041	U
1,2-Dichloroethane	mg/kg	0.02	0.00027	U	0.00025	U	0.00028	U	0.00027	U	0.00026	U	0.02	U	0.021	U	0.00029	U	0.00031	U	0.00025	U	0.00025	U	0.019	U	0.047	U
1,2-Dichloropropane	mg/kg	NS	0.00038	U	0.00036	U	0.0004	U	0.00039	U	0.00038	U	0.014	U	0.015	U	0.00041	U	0.00044	U	0.00036	U	0.00036	U	0.013	U	0.034	U
1,3-Dichlorobenzene	mg/kg	2.4	0.00014	U	0.00014	U	0.00015	U	0.00015	U	0.00014	U	0.026	U	0.028	U	0.00015	U	0.00017	U	0.00013	U	0.00014	U	0.025	U	0.062	U
1,4-Dichlorobenzene	mg/kg	1.8	0.00009	U	0.000085	U	0.000094	U	0.000092	U	0.000089	U	0.026	U	0.028	U	0.000097	U	0.0001	U	0.000084	U	0.000086	U	0.025	U	0.062	U
1,4-Dioxane	mg/kg	0.1	0.0083	U	0.0078	U	0.0086	U	0.0085	U	0.0082	U	0.69	U	0.73	U	0.0089	U	0.0096	U	0.0077	U	0.0079	U	0.65	U	1.6	U
2-Butanone (MEK)	mg/kg	0.12	0.001	U	0.0012	NJ	0.001	U	0.001	U	0.011	U	0.18	U	0.19	U	0.0011	U	0.0012	U	0.00094	U	0.00096	U	0.16	U	0.410	U
2-Hexanone	mg/kg	NS	0.0007	U	0.00067	U	0.00073	U	0.00072	U	0.00069	U	0.057	U	0.061	U	0.00075	U	0.00081	U	0.00066	U	0.00067	U	0.054	U	0.140	UJ
4-Methyl-2-pentanone	mg/kg	NS	0.0006	U	0.00057	U	0.00062	U	0.00061	U	0.00059	U	0.05	U	0.053	U	0.00064	U	0.00069	U	0.00056	U	0.00057	U	0.047	U	0.120	U
Acetone	mg/kg	0.05	0.015		0.0051		0.0082		0.010		0.055		0.085	U	0.090	U	0.0037	U	0.0072		0.018		0.010		0.080	U	0.20	U
Benzene	mg/kg	0.06	0.00023	U	0.00022	U	0.00024	U	0.00024	U	0.00023	U	0.015	U	0.016	U	0.00025	U	0.00027	U	0.00022	U	0.00022	U	0.014	U	0.036	U
Bromoform	mg/kg	NS	0.00038	U	0.00036	U	0.0004	U	0.00039	U	0.00038	U	0.014	U	0.015	U	0.00041	U	0.00044	U	0.00036	U	0.00037	U	0.013	U	0.034	U
Bromomethane	mg/kg	NS	0.00043	U	0.0004	U	0.00045	U	0.00044	U	0.00042	U	0.014	U	0.015	U	0.00046	U	0.00049	U	0.00040	U	0.00041	UJ	0.013	U	0.034	U
Carbon disulfide	mg/kg	NS	0.00024	U	0.0025		0.00025	U	0.00024	U	0.00024	U	0.018	U	0.019	U	0.00026	U	0.00028	U *	0.00022	U *	0.00023	U	0.016	U	0.041	U
Carbon tetrachloride	mg/kg	0.76	0.00016	U	0.00015	U	0.00017	U	0.00017	U	0.00016	U	0.026	U	0.028	U	0.00018	U	0.00019	U	0.00015	U	0.00016	U	0.025	U	0.062	U
Chlorobenzene	mg/kg	1.1	0.00016	U	0.00015	U	0.00017	U	0.00016	U	0.00016	U	0.019	U	0.02	U	0.00017	U	0.00018	U	0.00015	U	0.00015	U	0.018	U	0.045	U
Chlorobromomethane	mg/kg	NS	NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR	
Chlorodibromomethane	mg/kg	NS	NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR		NR	
Chloroethane	mg/kg	NS	0.00047	U	0.00045	U	0.00049	U	0.00048	U	0.00046	U	0.03	U	0.031	U	0.00051	U	0.00054	U	0.00044	U	0.00045	U	0.028	U	0.07	U
Chloroform	mg/kg	0.37	0.00029	U	0.00027	U	0.0003	U	0.00029	U	0.00028	U	0.018	U	0.019	U	0.00031	U	0.00033	U	0.00027	U	0.00027	U	0.016	U	0.041	U
Chloromethane	mg/kg	NS	0.00039	U	0.00037	U	0.00041	U	0.0004	U	0.00039	U	0.018	U	0.019	U	0.00042	U	0.00045	U	0.00037	U	0.00037	U	0.016	U	0.041	U
cis-1,2-Dichloroethene	mg/kg	0.014			0.00030	NJ	0.00014	U	0.00014	U	0.00014	U	0.18		0.31		0.00015	U	0.00016	U	0.15		0.049		0.13		2.2	
cis-1,3-Dichloropropene	mg/kg	NS	0.00025	U	0.00023	U	0.00026	U	0.00025	U	0.00024	U	0.013	U	0.013	U	0.00026	U	0.00028	UJ	0.00023	UJ	0.00023	U	0.012	U	0.03	U
Cyclohexane	mg/kg	NS	0.0002	U	0.00019	U	0.00021	U	0.0002	U	0.0002	U	0.021	U	0.022	U	0.00021	U	0.00023	U	0.00019	U	0.00019	U	0.019	U	0.049	UJ
Dibromochloromethane	mg/kg	NS	0.00017	U	0.00017	U	0.00018	U	0.00018	U	0.00017	U	0.018	U	0.019	U	0.00019	U	0.00020	U	0.00016	U	0.00017	U	0.016	U	0.041	U
Dichlorodifluoromethane	mg/kg	NS	0.0003	U	0.00029	U	0.00032	U	0.00031	U	0.0003	U	0.011	U	0.012	U	0.00033	U	0.00035	U	0.00028	U	0.00029	U	0.01	U	0.026	U
Ethylbenzene																												

Table 5
Summary of Soil Analytical Results: VOCs Sep 2017
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Client ID			B-114 (1.0')		B-114 (14.0')		B-115 (6.5')		B-115 (14.0')	
Lab Sample ID			460-140863-9		460-140863-10		460-140863-7		460-140863-8	
Sampling Date			912/17		912/17		912/17		912/17	
Matrix			Soil		Soil		Soil		Soil	
Dilution Factor			50		1		1		1	
Unit			mg/kg		mg/kg		mg/kg		mg/kg	
NYSDEC SCO			Result		Result		Result		Result	
VOCs by EPA Method 8260B	Units	POG		Q		Q		Q		Q
1,1,1-Trichloroethane	mg/kg	0.68	0.024	U	0.0002	U	0.00019	U	0.00019	U
1,1,2,2-Tetrachloroethane	mg/kg	NS	0.016	U	0.00018	U	0.00018	U	0.00017	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	mg/kg	NS	0.029	U	0.00026	U	0.00025	U	0.00024	U
1,1,2-Trichloroethane	mg/kg	NS	0.0069	U	0.00015	U	0.00015	U	0.00014	U
1,1-Dichloroethane	mg/kg	0.27	0.021	U	0.00018	U	0.00017	U	0.00017	U
1,1-Dichloroethene	mg/kg	0.33	0.029	U	0.00019	NJ	0.00019	U	0.00023	J
1,2,3-Trichlorobenzene	mg/kg	NS	0.030	U	0.00015	U	0.00015	U	0.00015	U
1,2,4-Trichlorobenzene	mg/kg	NS	0.023	U	0.000078	U	0.000076	U	0.000075	U
1,2-Dibromo-3-Chloropropane	mg/kg	NS	0.020	U	0.00039	UJ	0.00038	U	0.00037	U
1,2-Dichlorobenzene	mg/kg	1.1	0.019	U	0.00012	U	0.00012	U	0.00012	U
1,2-Dichloroethane	mg/kg	0.02	0.021	U	0.00025	U	0.00025	U	0.00024	U
1,2-Dichloropropane	mg/kg	NS	0.015	U	0.00036	U	0.00035	U	0.00034	U
1,3-Dichlorobenzene	mg/kg	2.4	0.028	U	0.00014	U	0.00013	U	0.00013	U
1,4-Dichlorobenzene	mg/kg	1.8	0.028	U	0.000085	U	0.000083	U	0.000081	U
1,4-Dioxane	mg/kg	0.1	0.75	U	0.0078	U	0.0076	U	0.0075	U
2-Butanone (MEK)	mg/kg	0.12	0.19	U	0.00095	U	0.0016	NJ	0.0009	U
2-Hexanone	mg/kg	NS	0.062	U	0.00067	U	0.00065	U	0.00063	U
4-Methyl-2-pentanone	mg/kg	NS	0.054	U	0.00057	U	0.00055	U	0.00054	U
Acetone	mg/kg	0.05	0.092	U	0.0086		0.0087		0.0094	
Benzene	mg/kg	0.06	0.016	U	0.00022	U	0.00021	U	0.00021	U
Bromoform	mg/kg	NS	0.015	UJ	0.00036	U	0.00035	U	0.00035	U
Bromomethane	mg/kg	NS	0.015	U	0.0004	U	0.00039	U	0.00039	U
Carbon disulfide	mg/kg	NS	0.019	UJ	0.00023	U	0.00062	NJ	0.00022	U
Carbon tetrachloride	mg/kg	0.76	0.028	U	0.00015	U	0.00015	U	0.00015	U
Chlorobenzene	mg/kg	1.1	0.021	U	0.00015	U	0.00015	U	0.00014	U
Chlorobromomethane	mg/kg	NS	NR		NR		NR		NR	
Chlorodibromomethane	mg/kg	NS	NR		NR		NR		NR	
Chloroethane	mg/kg	NS	0.032	U	0.00045	U	0.00043	U	0.00042	U
Chloroform	mg/kg	0.37	0.019	U	0.00027	U	0.00026	U	0.00026	U
Chloromethane	mg/kg	NS	0.019	U	0.00037	U	0.00036	U	0.00035	U
cis-1,2-Dichloroethene	mg/kg	0.25	0.17		0.036		0.00013	U	0.16	
cis-1,3-Dichloropropene	mg/kg	NS	0.014	U	0.00023	U	0.00023	U	0.00022	U
Cyclohexane	mg/kg	NS	0.022	U	0.00019	U	0.00018	U	0.00018	U
Dibromochloromethane	mg/kg	NS	0.019	UJ	0.00017	U	0.00016	U	0.00016	U
Dichlorodifluoromethane	mg/kg	NS	0.012	UJ	0.00029	U	0.00028	U	0.00027	U
Ethylbenzene	mg/kg	1	0.026	U	0.00017	U	0.00017	U	0.00016	U
Ethylene Dibromide	mg/kg	NS	NR		NR		NR		NR	
Isopropylbenzene	mg/kg	NS	0.027	U	0.00011	U	0.0001	U	0.0001	U
Methyl acetate	mg/kg	NS	0.05	U	0.0037	U	0.0036	U	0.0035	U
Methyl tert-butyl ether (MTBE)	mg/kg	0.93	NR		NR		NR		NR	
Methylcyclohexane	mg/kg	NS	0.019	U	0.00014	U	0.00013	U	0.00013	U
Methylene Chloride	mg/kg	0.05	0.018	U	0.00014	U	0.00014	U	0.00013	U
m&p-Xylene	mg/kg	1.6	0.024	U	0.00015	U	0.00014	U	0.00014	U
o-Xylene	mg/kg	1.6	0.027	U	0.000081	U	0.000079	U	0.000077	U
Styrene	mg/kg	NS	0.015	U	0.0001	U	0.0001	U	0.0001	U
Tetrachloroethene	mg/kg	1.3	18		0.0016		0.00012	U	0.25	
Toluene	mg/kg	0.7	0.021	U	0.00053	U	0.00052	U	0.00051	U
trans-1,2-Dichloroethene	mg/kg	0.19	0.015	U	0.00021	U	0.0002	U	0.0011	
trans-1,3-Dichloropropene	mg/kg	NS	0.016	U	0.00023	U	0.00022	U	0.00022	U
Trichloroethene	mg/kg	0.47	7.8		0.0023		0.00012	U	0.29	
Trichlorofluoromethane	mg/kg	NS	0.013	U	0.00035	U	0.00034	U	0.00033	U
Vinyl chloride	mg/kg	0.02	0.017	U	0.00065	NJ	0.00045	U	0.0032	
Total Conc	mg/kg	NS	25.97		0.04915		0.01092		0.71393	

Notes:

mg/Kg = milligrams per kilogram = parts per million (ppm)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCRR Table 375-6.8(a), current through 2/28/2023.
POG = Protection of Groundwater
NS = No Standard
NR = Not Reported
Bold = concentration exceeds Soil Cleanup Objectives

Laboratory Qualifiers

B: compound found in the blank and sample
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.
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.
B = The analyte was detected in the method, field and/or trip blank

Table 5A
Summary of Soil Analytical Results: VOCs June 2022
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	
		NYSDEC SCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs by EPA Method 8260B	Units	POG																
1,1,1-Trichloroethane	mg/kg	0.68	0.00023	U	0.00019	U	0.00025	U	0.00034	U	0.00018	U	0.030	U	0.00022	U	0.027	U
1,1,2,2-Tetrachloroethane	mg/kg	NS	0.00021	U	0.00018	U	0.00023	U	0.00031	U	0.00017	U	0.021	U	0.0002	U	0.019	U **
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	NS	0.0003	U	0.00025	U	0.00033	U	0.00044	U	0.00024	U	0.036	U	0.00028	U	0.033	U
1,1,2-Trichloroethane	mg/kg	NS	0.00018	J F1	0.00015	U	0.00019	U	0.00026	U	0.00014	U	0.022	U	0.00016	U	0.020	U
1,1-Dichloroethane	mg/kg	0.27	0.0002	U	0.00017	U	0.00022	U	0.0003	U	0.00016	U	0.025	U	0.00019	U	0.023	U
1,1-Dichloroethene	mg/kg	0.33	0.00022	U	0.00018	U	0.00024	U	0.00033	U	0.00018	U	0.028	U	0.00021	U	0.026	U
1,2,3-Trichlorobenzene	mg/kg	NS	0.00018	U	0.00015	U	0.0002	U	0.00027	U	0.00014	U	0.037	U	0.00017	U	0.034	U
1,2,4-Trichlorobenzene	mg/kg	NS	0.00035	U	0.00029	U	0.00039	U	0.00052	U	0.00028	U	0.029	U	0.00033	U	0.026	U
1,2-Dibromo-3-Chloropropane	mg/kg	NS	0.00045	UJ	0.00038	U	0.0005	U	0.00067	U	0.00036	U	0.022	U	0.00043	U	0.021	U
1,2-Dichlorobenzene	mg/kg	1.1	0.00036	U	0.0003	U	0.00039	U	0.00053	U	0.00029	U	0.023	U	0.00033	U	0.021	U
1,2-Dichloroethane	mg/kg	0.02	0.00029	UJ	0.00024	U	0.00032	U	0.00043	U	0.00023	U	0.026	U	0.00027	U	0.024	U
1,2-Dichloropropane	mg/kg	NS	0.00042	U	0.00035	U	0.00046	U	0.00062	U	0.00034	U	0.019	U	0.00039	U	0.017	U
1,3-Dichlorobenzene	mg/kg	2.4	0.00036	U	0.0003	U	0.0004	U	0.00054	U	0.00029	U	0.035	U	0.00034	U	0.032	U
1,4-Dichlorobenzene	mg/kg	1.8	0.00022	U	0.00018	U	0.00024	U	0.00033	U	0.00018	U	0.035	U	0.00021	U	0.032	U
1,4-Dioxane	mg/kg	0.1	0.0091	U *3	0.0075	U *-	0.01	U *-	0.013	U *-	0.0073	U *-	3	U	0.0085	U *3	2.7	U **
2-Butanone (MEK)	mg/kg	0.12	0.00036	U	0.0003	U	0.0004	U	0.00054	U	0.00029	U	0.23	U	0.00034	U	0.21	U
2-Hexanone	mg/kg	NS	0.0017	U	0.0014	U	0.0019	U	0.0025	U	0.0014	U	0.12	U	0.0016	U	0.11	U
4-Methyl-2-pentanone (MIBK)	mg/kg	NS	0.0015	U	0.0013	U	0.0017	U	0.0023	U	0.0012	U	0.14	U	0.0014	U	0.13	U
Acetone	mg/kg	0.05	0.04	J	0.0051		0.018		0.042		0.012		0.47	U	0.038		0.43	U
Benzene	mg/kg	0.06	0.00025	U	0.00021	U	0.00028	U	0.00038	U	0.0002	U	0.021	U	0.00024	U	0.02	U
Bromoform	mg/kg	NS	0.00042	UJ	0.00035	U	0.00046	U	0.00062	U	0.00034	U	0.019	UJ	0.00039	U	0.017	UJ
Bromomethane	mg/kg	NS	0.00099	U	0.00082	U	0.0011	U	0.0015	U	0.00079	U	0.058	U	0.00093	U	0.054	U
Carbon disulfide	mg/kg	NS	0.00026	U	0.00022	U	0.00029	U	0.00039	U	0.001		0.071	U	0.00025	U	0.065	U
Carbon tetrachloride	mg/kg	0.76	0.00038	U	0.00032	U	0.00042	U	0.00057	U	0.00031	U	0.035	UJ	0.00036	U	0.032	UJ
Chlorobenzene	mg/kg	1.1	0.00017	U	0.00015	U	0.00019	U	0.00026	U	0.00014	U	0.025	U	0.00016	U	0.023	U
Chlorobromomethane	mg/kg	NS	0.00028	J F1	0.00023	U	0.0003	U	0.00041	U	0.00022	U	0.032	U *-	0.00026	U	0.029	U *-
Chlorodibromomethane	mg/kg	NS	0.00019	J F1	0.00016	U	0.00021	U	0.00028	U	0.00015	U	0.023	U	0.00018	U	0.021	U
Chloroethane	mg/kg	NS	0.00052	U	0.00043	U	0.00057	U	0.00077	U	0.00041	U	0.039	U	0.00048	U	0.036	U
Chloroform	mg/kg	0.37	0.00096	J F1	0.0008	U	0.0011	U	0.0014	U	0.00077	U	0.023	U	0.00090	U	0.021	U
Chloromethane	mg/kg	NS	0.00043	U	0.00036	U	0.00047	U	0.00064	U	0.00034	U	0.042	U	0.00040	U	0.039	U
cis-1,2-Dichloroethene	mg/kg	0.25	0.00035	U	0.017		0.17		0.00052	U	0.0094		0.13	J	0.00090	NJ	0.52	J
cis-1,3-Dichloropropene	mg/kg	NS	0.00027	U	0.00022	U	0.0003	U	0.0004	U	0.00022	U	0.023	U	0.00025	U	0.022	U
Cyclohexane	mg/kg	NS	0.00022	U	0.00018	U	0.00024	U	0.00032	U	0.00018	U	0.027	U	0.00020	U	0.025	U
Dichlorobromomethane	mg/kg	NS	0.00025	U	0.00021	U	0.00028	U	0.00038	U	0.0002	U	0.016	U	0.00024	U	0.015	U
Dichlorodifluoromethane	mg/kg	NS	0.00033	UJ	0.00028	UJ	0.00037	UJ	0.0005	UJ	0.00027	UJ	0.033	UJ	0.00031	U	0.03	U
Ethylbenzene	mg/kg	1	0.0002	U	0.00016	U	0.00022	U	0.00029	U	0.00016	U	0.032	U	0.00018	U	0.029	U
Ethylene Dibromide	mg/kg	NS	0.00018	J F1	0.00015	U	0.0002	U	0.00026	U	0.00014	U	0.02	U	0.00017	U	0.018	U

Table 5A
Summary of Soil Analytical Results: VOCs June 2022
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	
		NYSDEC SCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs by EPA Method 8260B	Units	POG																
Isopropylbenzene	mg/kg	NS	0.00028	U	0.00023	U	0.00042	NJ	0.00042	U	0.00023	U	0.034	U	0.00026	U	0.031	U
Methyl acetate	mg/kg	NS	0.0042	UJ	0.0035	U	0.0047	U	0.0063	U	0.0034	U	0.083	U	0.004	U	0.076	U
Methyl tert-butyl ether (MTBE)	mg/kg	0.93	0.00051	J F1	0.00042	U	0.00056	U	0.00075	U	0.00041	U	0.023	U	0.00047	U	0.021	U
Methylcyclohexane	mg/kg	NS	0.00049	U	0.00041	U	0.00054	U	0.00073	U	0.0004	U	0.077	U	0.00046	U	0.07	U
Methylene Chloride	mg/kg	0.05	0.0011	U	0.00094	U	0.0012	U	0.0017	U	0.00091	U	0.022	U	0.0011	U	0.02	U
m-Xylene & p-Xylene	mg/kg	1.6	0.00017	U	0.00014	U	0.00019	U	0.00026	U	0.00014	U	0.03	U	0.00016	U	0.027	U
o-Xylene	mg/kg	1.6	0.00019	U	0.00016	U	0.00021	U	0.00028	U	0.00015	U	0.034	U	0.00018	U	0.031	U
Styrene	mg/kg	NS	0.00027	U	0.00023	U	0.0003	U	0.00041	U	0.00022	U	0.018	U	0.00026	U	0.016	U
Tetrachloroethene	mg/kg	1.3	0.0003	U	0.033		0.4		0.00045	U	0.097		5.8	J	0.00060	NJ	18	J
Toluene	mg/kg	0.7	0.00023	U	0.00019	U	0.00025	U	0.00034	U	0.00019	U	0.026	U	0.00022	U	0.024	U
trans-1,2-Dichloroethene	mg/kg	0.19	0.00024	U	0.0002	U	0.00075	NJ	0.00036	U	0.00019	U	0.019	U	0.001		0.017	U
trans-1,3-Dichloropropene	mg/kg	NS	0.00026	J F1	0.00022	U	0.00029	U	0.00039	U	0.00021	U	0.023	U	0.00025	U	0.022	U
Trichloroethene	mg/kg	0.47	0.00032	U	0.0018		0.035		0.00047	U	0.016		0.350	J	0.00030	U	1.1	J
Trichlorofluoromethane	mg/kg	NS	0.0004	U	0.00033	U	0.00044	U	0.0006	U	0.00032	U	0.034	U	0.00038	U	0.031	U
Vinyl chloride	mg/kg	0.02	0.00054	U	0.00045	U	0.00059	U	0.0008	U	0.00043	U	0.021	U	0.00051	U	0.019	U
Total VOCs	mg/kg	NS	0.04		0.0569		0.62417		0.042		0.1354		6.28		0.0405		19.62	

Notes:

mg/Kg = milligrams per kilogram = parts per million (ppm)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCRR Table 375-6.8(a), current through 2/28/2023.
POG = Protection of Groundwater
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

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.

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.

Table 5B
Summary of Soil Analytical Results: SVOCs June 2022
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	
NYSDEC SCO			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs by EPA Method 8270C	Units	COMMERCIAL																
1,1'-Biphenyl	mg/kg	NS	0.084	NJ	0.013	U	0.012	U	0.012	U	0.012	U	0.013	U	0.013	U	0.013	U
1,2,4,5-Tetrachlorobenzene	mg/kg	NS	0.011	U F1	0.012	U	0.011	U	0.011	U	0.011	U	0.012	U	0.012	U	0.011	U
1,4-Dioxane	mg/kg	130	0.031	U	0.032	U	0.031	U	0.031	U	0.031	U	0.032	U	0.032	U	0.032	U
2,2'-oxybis[1-chloropropane]	mg/kg	NS	0.0064	U	0.0067	U	0.0065	U	0.0063	U	0.0064	U	0.0067	U	0.0067	U	0.0065	U
2,3,4,6-Tetrachlorophenol	mg/kg	NS	0.024	U F1	0.025	U	0.024	U	0.024	U	0.024	U	0.025	U	0.025	U	0.025	U
2,4,5-Trichlorophenol	mg/kg	NS	0.036	U F1	0.038	U	0.036	U	0.036	U	0.036	U	0.038	U	0.038	U	0.037	U
2,4,6-Trichlorophenol	mg/kg	NS	0.046	U F1	0.047	U	0.046	U	0.045	U	0.045	U	0.047	U	0.048	U	0.046	U
2,4-Dichlorophenol	mg/kg	NS	0.023	U	0.024	U	0.023	U	0.022	U	0.023	U	0.024	U	0.024	U	0.023	U
2,4-Dimethylphenol	mg/kg	NS	0.042	U	0.044	U	0.043	U	0.042	U	0.042	U	0.044	U	0.044	U	0.043	U
2,4-Dinitrophenol	mg/kg	NS	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
2,4-Dinitrotoluene	mg/kg	NS	0.038	U F1	0.04	U	0.039	U	0.038	U	0.038	U	0.04	U	0.04	U	0.039	U
2,6-Dinitrotoluene	mg/kg	NS	0.026	U F1	0.027	U	0.026	U	0.025	U	0.025	U	0.027	U	0.027	U	0.026	U
2-Chloronaphthalene	mg/kg	NS	0.016	U	0.017	U	0.017	U	0.016	U	0.016	U	0.017	U	0.017	U	0.017	U
2-Chlorophenol	mg/kg	NS	0.013	U	0.013	U	0.013	U	0.012	U	0.013	U	0.013	U	0.013	U	0.013	U
2-Methylnaphthalene	mg/kg	NS	0.94		0.01	U	0.01	U	0.0098	U	0.0098	U	0.01	U	0.01	U	0.01	U
2-Methylphenol	mg/kg	NS	0.013	U	0.014	U	0.013	U	0.013	U	0.013	U	0.014	U	0.014	U	0.014	U
2-Nitroaniline	mg/kg	NS	0.027	U	0.028	U	0.027	U	0.027	U	0.027	U	0.028	U	0.028	U	0.028	U
2-Nitrophenol	mg/kg	NS	0.036	U	0.037	U	0.036	U	0.035	U	0.035	U	0.037	U	0.037	U	0.036	U
3,3'-Dichlorobenzidine	mg/kg	NS	0.054	U	0.056	U	0.054	U	0.053	U	0.053	U	0.056	U	0.056	U	0.055	U
3-Nitroaniline	mg/kg	NS	0.085	U	0.088	U	0.085	U	0.083	U	0.083	U	0.088	U	0.088	U	0.086	U
4,6-Dinitro-2-methylphenol	mg/kg	NS	0.15	U	0.15	U	0.15	U	0.14	U	0.14	U	0.15	U	0.15	U	0.15	U
4-Bromophenyl phenyl ether	mg/kg	NS	0.014	U F1	0.015	U	0.014	U	0.014	U	0.014	U	0.015	U	0.015	U	0.014	U
4-Chloro-3-methylphenol	mg/kg	NS	0.02	U F1	0.021	U	0.02	U	0.02	U	0.02	U	0.021	U	0.021	U	0.02	U
4-Chloroaniline	mg/kg	NS	0.063	U	0.066	U	0.064	U	0.062	U	0.062	U	0.066	U	0.066	U	0.064	U
4-Chlorophenyl phenyl ether	mg/kg	NS	0.013	U F1	0.013	U	0.013	U	0.012	U	0.012	U	0.013	U	0.013	U	0.013	U
4-Methylphenol	mg/kg	NS	0.022	U	0.023	U	0.022	U	0.022	U	0.022	U	0.023	U	0.023	U	0.023	U
4-Nitroaniline	mg/kg	NS	0.041	U	0.042	U	0.041	U	0.04	U	0.04	U	0.042	U	0.042	U	0.042	U
4-Nitrophenol	mg/kg	NS	0.058	U	0.06	U	0.058	U	0.057	U	0.057	U	0.06	U	0.06	U	0.059	U
Acenaphthene	mg/kg	500	0.067	NJ	0.011	U	0.01	U	0.01	U	0.01	U	0.011	U	0.011	U	0.01	U
Acenaphthylene	mg/kg	500	0.025	NJ	0.011	U	0.01	U	0.01	U	0.01	U	0.011	U	0.011	U	0.01	U
Acetophenone	mg/kg	NS	0.017	U	0.018	U	0.018	U	0.017	U	0.017	U	0.018	U	0.018	U	0.018	U
Anthracene	mg/kg	500	0.022	NJ	0.011	U	0.011	U	0.011	U	0.019	NJ	0.011	U	0.011	U	0.011	U
Atrazine	mg/kg	NS	0.021	U	0.022	U	0.021	U	0.021	U	0.021	U	0.022	U	0.022	U	0.021	U
Benzaldehyde	mg/kg	NS	0.059	UJ	0.061	UJ	0.059	UJ	0.058	UJ	0.058	UJ	0.061	UJ	0.061	UJ	0.06	UJ
Benzo[a]anthracene	mg/kg	5.6	0.012	U	0.031	NJ	0.012	U	0.012	U	0.022	NJ	0.013	NJ	0.013	U	0.013	U
Benzo[a]pyrene	mg/kg	1	0.0095	U	0.022	NJ	0.0095	U	0.0093	U	0.0094	U	0.0098	U	0.0099	U	0.0096	U
Benzo[b]fluoranthene	mg/kg	5.6	0.0092	U	0.033	NJ	0.0093	U	0.0091	U	0.019	NJ	0.0096	U	0.01	NJ	0.0094	U
Benzo[g,h,i]perylene	mg/kg	500	0.011	U	0.017	NJ	0.011	U	0.01	U	0.01	U	0.011	U	0.011	U	0.011	U
Benzo[k]fluoranthene	mg/kg	56	0.007	U	0.012	NJ	0.007	U	0.0069	U	0.0069	U	0.0072	U	0.0073	U	0.0071	U
Bis(2-chloroethoxy)methane	mg/kg	NS	0.028	U	0.029	U	0.028	U	0.027	U	0.027	U	0.029	U	0.029	U	0.028	U
Bis(2-chloroethyl)ether	mg/kg	NS	0.012	U	0.013	U	0.012	U	0.012	U	0.012	U	0.013	U	0.013	U	0.013	U
Bis(2-ethylhexyl) phthalate	mg/kg	NS	0.019	U	0.022	NJ	0.019	U	0.019	U	0.019	U	0.02	U	0.021	NJ	0.019	U
Butyl benzyl phthalate	mg/kg	NS	0.017	U	0.017	U	0.017	U	0.016	U	0.016	U	0.017	U	0.017	U	0.017	U

Table 5B
Summary of Soil Analytical Results: SVOCs June 2022
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	
NYSDEC SCO			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs by EPA Method 8270C	Units	COMMERCIAL																
Caprolactam	mg/kg	NS	0.055	U	0.058	U	0.056	U	0.055	U	0.055	U	0.057	U	0.058	U	0.056	U
Carbazole	mg/kg	NS	0.014	U	0.014	U	0.014	U	0.013	U	0.013	U	0.014	U	0.014	U	0.014	U
Chrysene	mg/kg	56	0.006	U	0.031	NJ	0.0061	U	0.0059	U	0.015	NJ	0.0074	NJ	0.0063	U	0.0061	U
Dibenz(a,h)anthracene	mg/kg	0.56	0.015	U	0.016	U	0.015	U	0.015	U	0.015	U	0.016	U	0.016	U	0.016	U
Dibenzofuran	mg/kg	350	0.07	NJ	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U
Diethyl phthalate	mg/kg	NS	0.011	U F1	0.012	U	0.012	U	0.011	U	0.011	U	0.012	U	0.012	U	0.012	U
Dimethyl phthalate	mg/kg	NS	0.081	U F1	0.084	U	0.081	U	0.08	U	0.08	U	0.084	U	0.084	U	0.082	U
Di-n-butyl phthalate	mg/kg	NS	0.013	U	0.014	U	0.013	U	0.013	U	0.013	U	0.014	U	0.014	U	0.014	U
Di-n-octyl phthalate	mg/kg	NS	0.019	U	0.02	U	0.019	U	0.019	U	0.019	U	0.02	U	0.02	U	0.019	U
Fluoranthene	mg/kg	500	0.018	NJ	0.052	NJ	0.013	U	0.012	U	0.046	NJ	0.023	NJ	0.013	U	0.013	U
Fluorene	mg/kg	500	0.019	NJ	0.011	U	0.01	U	0.01	U	0.01	U	0.011	U	0.011	U	0.011	U
Hexachlorobenzene	mg/kg	NS	0.017	U F1	0.018	U	0.017	U	0.017	U	0.017	U	0.018	U	0.018	U	0.017	U
Hexachlorobutadiene	mg/kg	NS	0.0076	U	0.0079	U	0.0076	U	0.0075	U	0.0075	U	0.0079	U	0.0079	U	0.0077	U
Hexachlorocyclopentadiene	mg/kg	NS	0.031	U	0.032	U	0.031	U	0.031	U	0.031	U	0.032	U	0.032	U	0.032	U
Hexachloroethane	mg/kg	NS	0.012	U	0.013	U	0.012	U	0.012	U	0.012	U	0.013	U	0.013	U	0.012	U
Indeno[1,2,3-cd]pyrene	mg/kg	5.6	0.014	U	0.045		0.014	U	0.014	U	0.014	U	0.014	U	0.027	NJ	0.014	U
Isophorone	mg/kg	NS	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
Naphthalene	mg/kg	500	0.11	NJ	0.0064	U	0.0062	U	0.0061	U	0.026	NJ	0.0083	NJ	0.0064	U	0.0063	U
Nitrobenzene	mg/kg	NS	0.02	U	0.021	U	0.02	U	0.019	U	0.02	U	0.02	U	0.021	U	0.02	U
N-Nitrosodi-n-propylamine	mg/kg	NS	0.026	U	0.027	U	0.026	U	0.025	U	0.026	U	0.027	U	0.027	U	0.026	U
N-Nitrosodiphenylamine	mg/kg	NS	0.029	U	0.03	U	0.029	U	0.029	U	0.029	U	0.03	U	0.03	U	0.03	U
Pentachlorophenol	mg/kg	6.7	0.073	U	0.076	U	0.073	U	0.072	U	0.072	U	0.076	U	0.076	U	0.074	U
Phenanthrene	mg/kg	500	0.29	NJ	0.038	NJ	0.011	NJ	0.011	NJ	0.074	NJ	0.041	NJ	0.013	NJ	0.025	NJ
Phenol	mg/kg	500	0.013	U	0.014	U	0.013	U	0.013	U	0.013	U	0.014	U	0.014	U	0.013	U
Pyrene	mg/kg	500	0.022	NJ	0.047	NJ	0.0089	U	0.0087	U	0.036	NJ	0.017	NJ	0.0098	NJ	0.009	U
Total Conc	mg/kg	NS	1.667		0.35		0.011		0.011		0.257		0.1097		0.0808		0.025	

Notes:

mg/Kg = milligrams per kilogram = parts per million (ppm)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCRR Table 375-6.8(a), current through 2/28/2023.
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 June 2022
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	
NYSDEC SCO		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
METALS BY 6020B	Units	COMMERCIAL											
Aluminum	mg/Kg	NS	3,580	J+	3,190		3,210		4,430		3,270		4,630
Antimony	mg/kg	NS	0.12	UJ	0.13	UJ	0.13	UJ	0.12	UJ	0.13	UJ	0.12
Arsenic	mg/kg	16	1.7		1.2		1.2		1.6		1.6		1.2
Barium	mg/kg	400	37.0	J+	19.8		24.6		57.6		19.1		35.4
Beryllium	mg/kg	590	0.24	NJ	0.17	NJ	0.16	NJ	0.20	NJ	0.12	NJ	0.26
Cadmium	mg/kg	9.3	0.094	U	0.1	U	0.099	U	0.098	U	0.096	U	0.091
Calcium	mg/kg	NS	1,290		1,540		1,210		571		771	J	2,190
Chromium	mg/kg	1,500	14.1		16.8		12.3		14.1		12.3		17.5
Cobalt	mg/kg	NS	6.6	J+	3.2		3.5		8.4		5.4		5.6
Copper	mg/kg	270	7.1		7.7		7.8		6.8		6.8		9.9
Iron	mg/kg	NS	31,200		7,170		10,500		23,100		3,650		12,200
Lead	mg/kg	1,000	2		7.8		2.3		2		1.5		3.3
Magnesium	mg/Kg	NS	942		1,300		1,360		1,180		2,430	J	2,500
Manganese	mg/kg	10,000	1,360		91.6		72.6		524		38.3		191
Nickel	mg/kg	310	14.3	J+	14.6		16.7		12.2		36		18.3
Potassium	mg/kg	NS	550		582		874		784		666		1430
Selenium	mg/kg	1,500	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.1
Silver	mg/kg	1,500	0.074	U	0.082	U	0.078	U	0.077	U	0.076	U	0.072
Sodium	mg/kg	NS	81.4	NJ	94.3		95.4		39.4	U	67	NJ	100
Thallium	mg/kg	NS	0.061	NJ	0.049	NJ	0.067	NJ	0.071	NJ	0.037	NJ	0.086
Vanadium	mg/kg	NS	18.1	J+	15.8		15.1		16.6		11.4		22.1
Zinc	mg/kg	10,000	18.6		16.6		16.2		15.4		10.2		20.4
METALS BY 7471B													
Mercury	mg/kg	2.8	0.0081	J F1	0.011	J	0.0085	U	0.0084	U	0.008	U	0.0081

Notes:

mg/Kg = milligrams per kilogram = parts per million (ppm)

NYSDEC SCO = Soil Cleanup Objectives from 6 NYCRR Table 375-6.8(a), current through 2/28/2023.

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 June 2022
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	
		NYSDEC SCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs by 8082A	Units	COMMERCIAL																
Aroclor 1016	mg/Kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor 1221	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor 1232	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor 1242	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor 1248	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor 1254	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor 1260	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor 1268	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
Aroclor-1262	mg/kg	1	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U
	.																	
Total PCBs	mg/kg	NS	0.019	U	0.020	U	0.019	U	0.019	U	0.019	U	0.020	U	0.020	U	0.019	U

Notes:

mg/Kg = milligrams per kilogram = parts per million (ppm)
NYSDEC SCO = Soil Cleanup Objectives from 6 NYCRR Table 375-6.8(a), current through 2/28/2023.
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 June 2022
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	
NYSDEC SCO			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PESTICIDES s by 8081B	Units	COMMERCIAL																
4,4'-DDD	mg/kg	92	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U
4,4'-DDE	mg/kg	62	0.00085	U	0.00088	U	0.00085	U	0.00084	U	0.00084	U	0.00088	U	0.00088	U	0.00086	U
4,4'-DDT	mg/kg	47	0.0013	U	0.0014	U	0.0013	U	0.0013	U	0.0013	U	0.0014	U	0.0014	U	0.0013	U
Aldrin	mg/kg	0.68	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
alpha-BHC	mg/kg	3.4	0.00073	U	0.00076	U	0.00073	U	0.00072	U	0.00072	U	0.00076	U	0.00076	U	0.00074	U
beta-BHC	mg/kg	3	0.00081	U	0.00084	U	0.00081	U	0.00079	U	0.0008	U	0.00084	U	0.00084	U	0.00082	U
Chlordane (technical)	mg/kg	24	0.017	U	0.018	U	0.018	U	0.017	U	0.017	U	0.018	U	0.018	U	0.018	U
delta-BHC	mg/kg	500	0.00044	U	0.00046	U	0.00044	U	0.00043	U	0.00044	U	0.00046	U	0.00046	U	0.00045	U
Dieldrin	mg/kg	1.4	0.00094	U	0.00097	U	0.00094	U	0.00092	U	0.00093	U	0.00097	U	0.00097	U	0.00095	U
Endosulfan I	mg/kg	200	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Endosulfan II	mg/kg	200	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U
Endosulfan sulfate	mg/kg	200	0.00091	U	0.00094	U	0.00091	U	0.00089	U	0.00089	U	0.00094	U	0.00094	U	0.00092	U
Endrin	mg/kg	89	0.001	U	0.0011	U	0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
Endrin aldehyde	mg/kg	NS	0.0017	U	0.0018	U	0.0017	U	0.0017	U	0.0017	U	0.0018	U	0.0018	U	0.0017	U
Endrin ketone	mg/kg	NS	0.0014	U	0.0015	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U
gamma-BHC (Lindane)	mg/kg	NS	0.00067	U	0.00069	U	0.00067	U	0.00066	U	0.00066	U	0.00069	U	0.00069	U	0.00068	U
Heptachlor	mg/kg	15	0.00085	U	0.00088	U	0.00085	U	0.00084	U	0.00084	U	0.00088	U	0.00088	U	0.00086	U
Heptachlor epoxide	mg/kg	NS	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Methoxychlor	mg/kg	NS	0.0016	U	0.0017	U	0.0017	U	0.0016	U	0.0016	U	0.0017	U	0.0017	U	0.0017	U
Toxaphene	mg/kg	NS	0.0016	U	0.027	U	0.026	U	0.026	U	0.026	U	0.027	U	0.027	U	0.026	U
Total Pesticides	mg/kg				0.00		0.00		0.00		0.00		0.00		0.00		0.00	

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

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.

Laboratory Qualifiers

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

Table 5F
Summary of Soil Analytical Results: PFAS June 2022
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	
				NYSDEC GUIDANCE VALUES	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS (by 537 Modified)		Units	Commercial	POG																
6:2 Fluorotelomer sulfonic acid	6:2 FTS	ug/kg	NS	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	8:2 FTS	ug/kg	NS	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	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	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	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	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	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	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	PFDaA	ug/kg	NS	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	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	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	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	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	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	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	440	1.0	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	500	0.8	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	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	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	PFTTrDA	ug/kg	NS	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	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 Guidance Values from - Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), April 2023
POG = Protection of Groundwater
NS = No Standard
Bold = concentration exceeds Soil Cleanup Objectives

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.

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.

Table 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D
		Lab Sample ID	AC40514-001	SB72998-02	460-144917-15	460-261171-3	460-334312-14	AC40514-002	SB72998-03	460-144917-14	460-261171-4	460-261171-4
		Sampling Date	10/14/2008	7/10/2013	11/9/2017	6/29/2022	9/4/2025	10/14/2008	7/10/2013	11/9/2017	6/29/2022	9/4/2025
		Matrix	Water		Water	Water	Water	Water		Water	Water	Water
		Dilution Factor	1		2	1	1	1		1	1	1
		Unit	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
VOCs by 8260D	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5	1	U	100	U	0.56	U	0.24	U	0.28	U
1,1,2,2-Tetrachloroethane	ug/L	5	1	U	50	U	0.38	U	0.37	U	0.19	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5	1	U	100	U	NR	U	0.31	U	NR	U
1,1,2-Trichloroethane	ug/L	1	1	U	100	U	0.16	U	0.20	U	0.08	U
1,1-Dichloroethane	ug/L	5	1	U	100	U	0.48	U	0.26	U	5.00	U
1,1-Dichloroethene	ug/L	5	1	U	100	U	0.83	J	0.34	NJ	0.28	J
1,2,3-Trichlorobenzene	ug/L	5	1	U	100	U	0.7	U	0.36	U	0.35	U
1,2,4-Trichlorobenzene	ug/L	5	1	U	100	U	0.54	U	0.37	U	0.27	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04	NR		200	U	0.46	U	0.38	U	NR	U
1,2-Dichlorobenzene	ug/L	3	1	U	100	U	0.44	U	0.21	U	5.00	U
1,2-Dichloroethane	ug/L	0.6	0.5	U	100	U	0.5	U	0.43	U	0.087	U
1,2-Dichloropropane	ug/L	1	1	U	100	U	0.36	U	0.35	U	0.074	U
1,3-Dichlorobenzene	ug/L	3	1	U	100	U	0.66	U	0.34	U	0.34	U
1,4-Dichlorobenzene	ug/L	3	1	U	100	U	0.66	U	0.33	U	0.33	U
1,4-Dioxane	ug/L	0.35	250	U	2000	U	17	U	28	U	250	U
2-Butanone (MEK)	ug/L	NS	0.5	U	1000	U	4.4	U	1.9	U	0.5	U
2-Hexanone	ug/L	50*	1	U	1000	U	1.4	U	1.1	U	1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS	1	U	1000	U	1.3	U	1.3	U	1	U
Acetone	ug/L	50*	5	U	1000	U	2.1	U	4.4	U	5	U
Benzene	ug/L	1	0.5	U	100	U	0.18	U	0.20	U	0.5	U
Bromoform	ug/L	50*	1	U	100	U	0.36	U	0.54	U	1	U
Bromomethane	ug/L	5	1	U	200	U	0.36	U	0.55	U	1	U
Carbon disulfide	ug/L	60	1	U	200	U	0.44	U	0.82	U	1	U
Carbon tetrachloride	ug/L	5	1	U	100	U	0.66	U	0.21	U	1	U
Chlorobenzene	ug/L	5	1	U	100	U	0.48	U	0.38	U	1	U
Chlorobromomethane	ug/L	NS	NR		NR	U	NR	U	0.41	U	NR	U
Chlorodibromomethane	ug/L	NS	NR		NR	U	NR	U	0.086	U	NR	U
Chloroethane	ug/L	5	1	U	200	U	0.74	U	0.32	U	1	U
Chloroform	ug/L	7	1	U	100	U	0.44	U	0.33	U	1	U
Chloromethane	ug/L	NS	1	U	200	U	0.44	U	0.40	U	1	U
cis-1,2-Dichloroethene	ug/L	5	1	U	1830	U	500	U	160	U	44	U
cis-1,3-Dichloropropene	ug/L	NS	1	U	50	U	0.32	U	0.22	U	0.069	U
Cyclohexane	ug/L	NS	NR		NR	U	0.52	U	0.32	U	NR	U
Dichlorobromomethane	ug/L	NS	1	U	NR	U	0.44	U	0.34	U	1	U
Dichlorodifluoromethane	ug/L	5	2.4	U	200	U	0.28	U	0.31	U	1	U
Ethylbenzene	ug/L	5	1	U	100	U	0.6	U	0.30	U	1	U
Ethylene Dibromide	ug/L	0.0006	NR		NR	U	0.68	U	0.50	U	NR	U
Isopropylbenzene	ug/L	5	1	U	100	U	0.64	U	0.34	U	1	U
Methyl acetate	ug/L	NS	NR		NR	U	1.2	U	0.79	U	NR	U
Methyl tert-butyl ether (MTBE)	ug/L	NS	0.5	U	100	U	NR	U	0.22	U	0.5	U
Methylcyclohexane	ug/L	NS	NR		NR	U	0.44	U	0.71	U	NR	U
Methylene Chloride	ug/L	5	1	U	200	U	0.42	U	0.32	U	1	U
m-Xylene & p-Xylene	ug/L	NS	2	U	200	U	0.56	U	0.30	U	2	U
o-Xylene	ug/L	5	1	U	100	U	0.64	U	0.36	U	1	U
Styrene	ug/L	5	1	U	100	U	0.34	U	0.42	U	1	U
Tetrachloroethene	ug/L	5	2.3	U	6140	U	94	U	53	U	10	U
Toluene	ug/L	5	1	U	100	U	0.5	U	0.38	U	1	U
trans-1,2-Dichloroethene	ug/L	5	1	U	100	U	2.4	U	1.3	U	1	U
trans-1,3-Dichloropropene	ug/L	0.4	1	U	50	U	0.38	U	0.22	U	1	U
Trichloroethene	ug/L	5	1	U	548	U	28	U	7.3	U	2.0	U
Trichlorofluoromethane	ug/L	5	1	U	100	U	0.3	U	0.32	U	1	U
Vinyl chloride	ug/L	2	1	U	100	U	18	U	14	U	10	U
Total Conc	ug/L	NA	4.7		8518		643.23		235.94		66.54	

NOTES
* = 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

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
		Lab Sample ID	AC40514-003	SB72998-05	460-144917-9	460-261171-1	460-334312-8	AC40514-004	SB72998-04	460-144917-8	460-261171-2	460-334312-9
		Sampling Date	10/14/2008	7/10/2013	11/9/2017	6/29/2022	9/3/2025	10/14/2008	7/10/2013	11/8/2017	6/29/2022	9/3/2025
		Matrix	Water		Water	Water	Water	Water		Water	Water	Water
		Dilution Factor	1		1	1	1	1		1	1	1
		Unit	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
VOCs by 8260D	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5	1	U	10.0	U	0.28	U	0.24	U	0.28	U
1,1,2,2-Tetrachloroethane	ug/L	5	1	U	5.00	U	0.19	U	0.085	U	0.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5	1	U	10.0	U	NR		0.31	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	1	U	10.0	U	0.08	U	0.20	U	0.19	U
1,1-Dichloroethane	ug/L	5	1	U	10.0	U	0.40	J	0.32	J	1.00	U
1,1-Dichloroethene	ug/L	5	12		8.8		7.2		0.34	N J	1.8	
1,2,3-Trichlorobenzene	ug/L	5	1	U	10.0	U	0.35	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	ug/L	5	1	U	10.0	U	0.27	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04	NR		20.0	U	0.23	U	0.38	U	0.38	U
1,2-Dichlorobenzene	ug/L	3	1	U	10.0	U	0.22	U	0.21	U	0.22	U
1,2-Dichloroethane	ug/L	0.6	0.5	U	10.0	U	0.25	U	0.43	U	0.087	U
1,2-Dichloropropane	ug/L	1	1	U	10.0	U	0.18	U	0.35	U	0.074	U
1,3-Dichlorobenzene	ug/L	3	1	U	10.0	U	0.33	U	0.34	U	0.34	U
1,4-Dichlorobenzene	ug/L	3	1	U	10.0	U	0.33	U	0.33	U	0.33	U
1,4-Dioxane	ug/L	0.35	250	U	200	U	8.7	U	24	U	28	U
2-Butanone (MEK)	ug/L	NS	0.5	U	100	U	2.2	U	1.9	J **	3.9	U
2-Hexanone	ug/L	50*	1	U	100	U	0.72	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS	1	U	100	U	0.63	U	1.3	U	1.3	U
Acetone	ug/L	50*	5	U	100	U	1.1	U	4.4	U	4.4	U
Benzene	ug/L	1	0.79		10.0	U	0.45	J	0.20	U	0.25	J
Bromoform	ug/L	50*	1	U	10.0	U	0.18	U	0.54	U	0.54	U
Bromomethane	ug/L	5	1	U	20.0	U	0.18	U	0.55	UJ	0.55	U
Carbon disulfide	ug/L	60	1	U	20.0	U	0.22	U	0.82	U	0.82	U
Carbon tetrachloride	ug/L	5	1	U	10.0	U	0.33	U	0.21	U	0.21	U
Chlorobenzene	ug/L	5	1	U	10.0	U	0.24	U	0.38	U	0.38	U
Chlorobromomethane	ug/L	NS	NR		NR	U	NR		0.41	U	0.41	U
Chlorodibromomethane	ug/L	NS	NR		NR	U	NR		0.28	U	0.086	U
Chloroethane	ug/L	5	1	U	20.0	U	0.70	J	0.32	U	0.65	J
Chloroform	ug/L	7	1	U	10.0	U	0.22	U	0.33	U	0.33	U
Chloromethane	ug/L	NS	1	U	20.0	U	0.22	U	0.40	UJ	0.40	UJ
cis-1,2-Dichloroethene	ug/L	5	71		186		420		62		270	
cis-1,3-Dichloropropene	ug/L	NS	1	U	5.00	U	0.16	U	0.22	U	0.069	U
Cyclohexane	ug/L	NS	NR		NR		0.43	J	0.32	U	0.34	J
Dichlorobromomethane	ug/L	NS	1	U	NR		0.22	U	0.34	U	0.15	U
Dichlorodifluoromethane	ug/L	5	1		20.0	U	0.14	U	0.31	U	0.31	U
Ethylbenzene	ug/L	5	1	U	10.0	U	0.30	U	0.30	U	0.30	U
Ethylene Dibromide	ug/L	0.0006	NR		NR		0.34	U	0.50	U	0.50	U
Isopropylbenzene	ug/L	5	1	U	10.0	U	0.32	U	0.34	U	0.34	U
Methyl acetate	ug/L	NS	NR		NR		0.58	U	0.79	UJ	0.79	U
Methyl tert-butyl ether (MTBE)	ug/L	NS	0.5	U	10.0	U	NR		0.22	U	0.68	J
Methylcyclohexane	ug/L	NS	NR		NR		0.33	J	0.71	U	0.71	U
Methylene Chloride	ug/L	5	1	U	20.0	U	0.21	U	0.32	U	0.65	U
m-Xylene & p-Xylene	ug/L	NS	2	U	20.0	U	0.28	U	0.30	U	0.30	U
o-Xylene	ug/L	5	1	U	10.0	U	0.32	U	0.36	U	0.36	U
Styrene	ug/L	5	1	U	10.0	U	0.17	U	0.42	U	0.42	U
Tetrachloroethene	ug/L	5	230		354		91		28		0.72	
Toluene	ug/L	5	1	U	10.0	U	0.25	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	ug/L	5	1	U	10.0	U	2.1		0.58	N J	1.3	
trans-1,3-Dichloropropene	ug/L	0.4	1	U	5.0	U	0.19	U	0.22	U	0.12	U
Trichloroethene	ug/L	5	100		221		140		10		1.5	
Trichlorofluoromethane	ug/L	5	1	U	10.0	U	0.15	U	0.32	U	0.32	U
Vinyl chloride	ug/L	2	33		47.4		25		2.9		24	
Total Conc	ug/L	NA	446.79		817.2		687.61		103.82		301.56	

NOTES
* = 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

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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 Validator Qualifiers

J = The analyte was J J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
NJ = The analysis inc 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 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	
		Lab Sample ID	AC40514-005			460-144917-7	460-261171-9	460-334312-5	AC40514-005	SB72998-08	460-144917-6	460-261171-10	460-334312-4	
		Sampling Date	10/14/2008	7/10/2013		11/8/2017	6/30/2022	9/3/2025	10/14/2008	7/10/2013	11/8/2017	6/30/2022	9/3/2025	
		Matrix	Water			Water	Water	Water	Water		Water	Water	Water	
		Dilution Factor	1			1	1	1	1		1	1	1	
		Unit	ug/l	ug/l		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
VOCs by 8260D	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5	1	U			0.28	U	0.24	U	1	U	0.28	U
1,1,2,2-Tetrachloroethane	ug/L	5	1	U	Not Sampled		0.19	U	0.37	U	1	U	0.19	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5	1	U			NR		0.31	U	1	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	1	U			0.08	U	0.20	U	1	U	0.08	U
1,1-Dichloroethane	ug/L	5	1	U			0.24	U	0.26	U	1	U	0.78	J
1,1-Dichloroethene	ug/L	5	1	U			0.34	U	0.26	U	1	U	0.34	U
1,2,3-Trichlorobenzene	ug/L	5	1	U			0.35	U	0.36	U	1	U	0.35	U
1,2,4-Trichlorobenzene	ug/L	5	1	U			0.27	U	0.37	U	1	U	0.37	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04	NR				0.23	U	0.38	U	NR		0.38	U
1,2-Dichlorobenzene	ug/L	3	1	U			0.22	U	0.21	U	1	U	0.21	U
1,2-Dichloroethane	ug/L	0.6	0.5	U			0.25	U	0.43	U	2.8	U	1.86	U
1,2-Dichloropropane	ug/L	1	1	U			0.18	U	0.35	U	1	U	0.18	U
1,3-Dichlorobenzene	ug/L	3	1	U			0.33	U	0.34	U	1	U	0.33	U
1,4-Dichlorobenzene	ug/L	3	1	U			0.33	U	0.33	U	1	U	0.33	U
1,4-Dioxane	ug/L	0.35	250	U			8.7	U	28	U	250	U	8.7	U
2-Butanone (MEK)	ug/L	NS	0.5	U			2.2	U	1.9	U *	0.5	U	2.2	U *
2-Hexanone	ug/L	50*	1	U			0.72	U	1.1	U	1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS	1	U			0.63	U	1.3	U	1	U	1.3	U
Acetone	ug/L	50*	5	U			1.1	U	4.4	U	5	U	4.4	U
Benzene	ug/L	1	0.5	U			0.09	U	0.20	U	0.5	U	0.09	U
Bromoform	ug/L	50*	1	U			0.18	U	0.54	U	1	U	0.18	U
Bromomethane	ug/L	5	1	U			0.18	U	0.55	UJ	1	U	0.55	UJ
Carbon disulfide	ug/L	60	1	U			0.22	U	0.82	U	1	U	0.82	U
Carbon tetrachloride	ug/L	5	1	U			0.33	U	0.21	U	1	U	0.33	U
Chlorobenzene	ug/L	5	1	U			0.24	U	0.38	U	1	U	0.38	U
Chlorobromomethane	ug/L	NS	NR				NR		0.41	U	NR		0.41	U
Chlorodibromomethane	ug/L	NS	NR				NR		0.28	U	NR		0.28	U
Chloroethane	ug/L	5	1	U			0.37	U	0.32	U	1	U	0.32	U
Chloroform	ug/L	7	1	U			0.22	U	0.33	U	1	U	0.33	U
Chloromethane	ug/L	NS	1	U			0.22	U	0.40	UJ	1	U	0.40	UJ
cis-1,2-Dichloroethene	ug/L	5	1	U			1.8		0.41	J	1	U	2.6	
cis-1,3-Dichloropropene	ug/L	NS	1	U			0.16	U	0.22	U	1	U	0.16	U
Cyclohexane	ug/L	NS	NR				0.44	J	0.32	U	NR		0.32	U
Dichlorobromomethane	ug/L	NS	1	U			0.22	U	0.34	U	1	U	0.34	U
Dichlorodifluoromethane	ug/L	5	1				0.14	U	0.31	U	1		0.31	U
Ethylbenzene	ug/L	5	1	U			0.3	U	0.30	U	1	U	0.30	U
Ethylene Dibromide	ug/L	0.0006	NR				0.34	U	0.50	U	NR		0.50	U
Isopropylbenzene	ug/L	5	1	U			0.32	U	0.34	U	1	U	0.34	U
Methyl acetate	ug/L	NS	NR				0.58	U	0.79	UJ	NR		0.79	U
Methyl tert-butyl ether (MTBE)	ug/L	NS	0.5	U			NR		0.22	U	0.5	U	3.8	
Methylcyclohexane	ug/L	NS	NR				0.22	U	0.71	U	NR		0.71	U
Methylene Chloride	ug/L	5	1	U			0.21	U	0.32	U	1	U	0.32	U
m-Xylene & p-Xylene	ug/L	NS	2	U			0.28	U	0.30	U	2	U	0.30	U
o-Xylene	ug/L	5	1	U			0.32	U	0.36	U	1	U	0.36	U
Styrene	ug/L	5	1	U			0.17	U	0.42	U	1	U	0.42	U
Tetrachloroethene	ug/L	5	1	U			0.12	U	0.25	U	1	U	0.25	U
Toluene	ug/L	5	1	U			0.25	U	0.38	U	1	U	0.38	U
trans-1,2-Dichloroethene	ug/L	5	1	U			0.18	U	0.24	U	1	U	0.24	U
trans-1,3-Dichloropropene	ug/L	0.4	1	U			0.19	U	0.22	U	1	U	0.22	U
Trichloroethene	ug/L	5	1	U			0.22	U	0.31	U	1	U	0.31	U
Trichlorofluoromethane	ug/L	5	1	U			0.15	U	0.32	U	1	U	0.32	U
Vinyl chloride	ug/L	2	1	U			0.06	U	0.17	U	1	U	0.65	J
Total Conc	ug/L	NA	0.0				2.24		0.41		2.8		6.12	

NOTES

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards

ug/L = micrograms per liter or parts per billion (ppb)

NS = No Standard

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AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater Standards

Laboratory Qualifiers

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NR: Not Analyzed

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J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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Table 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
		Lab Sample ID	10/14/2008		SB73081-02		460-144917-2		460-260997-1		460-334312-6		10/14/2008		SB73081-01		460-144917-3		460-260997-2		460-334312-7	
		Sampling Date	10/14/2008		7/11/2013		11/7/2017		6/28/2022		9/3/2025				7/11/2013		11/7/2017		06/28/202		9/3/2025	
		Matrix					Water		Water		Water						Water		Water		Water	
		Dilution Factor					1		1		1						1		1		1	
		Unit			ug/l		ug/l		ug/l		ug/l				ug/l		ug/l		ug/l		ug/l	
VOCs by 8260D	UNITS	AWQSGV	Result	Q	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			1.00	U	0.28	U	0.24	U	0.24	U			1.00	U	0.28	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	ug/L	5	Not Sampled		0.50	U	0.19	U	0.37	U	0.085	U	Not Sampled		0.50	U	0.19	U	0.37	U	0.085	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5			1.00	U	NR		0.31	U	0.31	U			1.00	U	NR		0.31	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	Not Yet		1.00	U	0.08	U	0.20	U	0.19	U	Not Yet		1.00	U	0.08	U	0.20	U	0.19	U
1,1-Dichloroethane	ug/L	5	Installed		1.00	U	0.24	U	0.26	U	0.26	U	Installed		18.6		9.7		5.4		3.8	
1,1-Dichloroethene	ug/L	5			1.00	U	0.34	U	0.26	U	0.26	U			5.52		2.5		1.7		1.3	
1,2,3-Trichlorobenzene	ug/L	5			1.00	U	0.35	U	0.36	U	0.36	U			1.00	U	0.35	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	ug/L	5			1.00	U	0.27	U	0.37	U	0.37	U			1.00	U	0.27	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04			2.00	U	0.23	U	0.38	U	0.38	U			2.00	U	0.23	U	0.38	U	0.38	U
1,2-Dichlorobenzene	ug/L	3			1.00	U	0.22	U	0.21	U	0.21	U			1.00	U	0.22	U	0.21	U	0.21	U
1,2-Dichloroethane	ug/L	0.6			1.00	U	0.25	U	0.43	U	0.087	U			1.31		0.95	J	0.97	N J	0.56	
1,2-Dichloropropane	ug/L	1			1.00	U	0.18	U	0.35	U	0.074	U			1.00	U	0.18	U	0.35	U	0.074	U
1,3-Dichlorobenzene	ug/L	3			1.00	U	0.33	U	0.34	U	0.34	U			1.00	U	0.33	U	0.34	U	0.34	U
1,4-Dichlorobenzene	ug/L	3			1.00	U	0.33	U	0.33	U	0.33	U			1.00	U	0.33	U	0.45	N J	0.33	U
1,4-Dioxane	ug/L	0.35			20.0	U	8.7	U	28	U	24	U			20.0	U	8.7	U	28	U	24	U
2-Butanone (MEK)	ug/L	NS			10.0	U	NS		1.9	U	3.9	U			10.0	U	2.2	U	1.9	U	3.9	U
2-Hexanone	ug/L	50*			10.0	U	0.72	U	1.1	U	1.1	U			10.0	U	0.72	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS			10.0	U	0.63	U	1.3	U	1.3	U			10.0	U	0.63	U	1.3	U	1.3	U
Acetone	ug/L	50*			10.0	U	1.1	U	4.4	U	4.4	U			10.0	U	1.1	U	4.4	U	4.4	U
Benzene	ug/L	1			1.00	U	0.09	U	0.20	U	0.070	U			1.00	U	0.16	J	0.20	U	0.070	U
Bromoform	ug/L	50*			1.00	U	0.18	U	0.54	U	0.54	U			1.00	U	0.18	U	0.54	UJ	0.54	U
Bromomethane	ug/L	5			2.00	U	0.18	U	0.55	U	0.55	U			2.00	U	0.18	U	0.55	U	0.55	U
Carbon disulfide	ug/L	60			2.00	U	0.22	U	0.82	U	0.82	U			2.00	U	0.22	U	0.82	U	0.82	U
Carbon tetrachloride	ug/L	5			1.00	U	0.33	U	0.21	U	0.21	U			1.00	U	0.33	U	0.21	UJ	0.21	U
Chlorobenzene	ug/L	5			1.00	U	0.24	U	0.38	U	0.38	U			1.00	U	0.24	U	0.38	U	0.38	U
Chlorobromomethane	ug/L	NS			NR	U	NR		0.41	U	0.41	U			NR	U	NR		0.41	U	0.41	U
Chlorodibromomethane	ug/L	NS			NR	U	NR		0.28	U	0.086	U			NR	U	NR		0.28	U	0.086	U
Chloroethane	ug/L	5			2.00	U	0.37	U	0.32	U	0.32	U			2.88		0.37	U	0.32	U	0.32	U
Chloroform	ug/L	7			1.00	U	0.22	U	0.33	U	0.33	U			1.00	U	0.22	U	0.33	U	0.33	U
Chloromethane	ug/L	NS			2.00	U	0.22	U	0.40	U	0.40	U			2.00	U	0.22	U	0.40	U	0.40	U
cis-1,2-Dichloroethene	ug/L	5			1.00	U	0.26	U	0.22	U	0.48	U			19.3		72		12		14	
cis-1,3-Dichloropropene	ug/L	NS			0.50	U	0.16	U	0.22	U	0.069	U			0.50	U	0.16	U	0.22	U	0.069	U
Cyclohexane	ug/L	NS			NR		0.26	U	0.32	U	0.32	U			NR		0.26	U	0.32	UJ	0.32	U
Dichlorobromomethane	ug/L	NS			NR		0.22	U	0.34	U	0.15	U			NR		0.22	U	0.34	U	0.15	U
Dichlorodifluoromethane	ug/L	5			2.00	U	0.14	U	0.31	U	0.31	U			2.00	U	0.14	U	0.31	UJ	0.31	U
Ethylbenzene	ug/L	5			1.00	U	0.3	U	0.30	U	0.30	U			1.00	U	0.3	U	0.30	U	0.30	U
Ethylene Dibromide	ug/L	0.0006			NR		0.34	U	0.50	U	0.50	U			NR		0.34	U	0.50	U	0.50	U
Isopropylbenzene	ug/L	5			1.00	U	0.32	U	0.34	U	0.34	U			1.00	U	0.32	U	0.34	U	0.34	U
Methyl acetate	ug/L	NS			NR		0.58	U	0.79	U	0.79	U			NR		0.58	U	0.79	U	0.79	U
Methyl tert-butyl ether (MTBE)	ug/L	NS			1.00	U	NR		0.22	U	0.22	U			1.00	U	NR		47		13	
Methylcyclohexane	ug/L	NS			NR		0.22	U	0.71	U	0.71	U			NR		0.22	U	0.71	UJ	0.71	U
Methylene Chloride	ug/L	5			2.00	U	0.21	U	0.32	U	0.65	U			2.00	U	0.21	U	0.32	U	0.65	U
m-Xylene & p-Xylene	ug/L	NS			2.00	U	0.28	U	0.30	U	0.30	U			2.00	U	0.28	U	0.30	U	0.30	U
o-Xylene	ug/L	5			1.00	U	0.32	U	0.36	U	0.36	U			1.00	U	0.32	U	0.36	U	0.36	U
Styrene	ug/L	5			1.00	U	0.17	U	0.42	U	0.42	U			1.00	U	0.17	U	0.42	U	0.42	U
Tetrachloroethene	ug/L	5			1.00	U	0.12	U	0.25	U	0.28	U			1.00	U	0.12	U	0.25	U	0.28	U
Toluene	ug/L	5			1.00	U	0.25	U	0.38	U	0.38	U			1.00	U	0.25	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	ug/L	5			1.00	U	0.18	U	0.24	U	0.24	U			1.00	U	0.87	J	0.72	N J	0.35	J
trans-1,3-Dichloropropene	ug/L	0.4			0.50	U	0.19	U	0.22	U	0.12	U			0.50	U	0.19	U	0.22	U	0.12	U
Trichloroethene	ug/L	5			1.00	U	0.22	U	0.31	U	0.074	U			2.25		0.65	J	0.70	N J	0.49	
Trichlorofluoromethane	ug/L	5			1.00	U	0.15	U	0.32	U	0.32	U			1.00	U	0.15	U	0.32	U	0.32	U
Vinyl chloride	ug/L	2			1.00	U	0.06	U	0.17	U	0.40	U			2.47		22		7.6		3.6	
Total Conc	ug/L	NA			0.0		0.0		0.0		0.0				51.33		108.83		76.54		37.1	

NOTES
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
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J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
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Table 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-102S		MW-102S	MW-102S		MW-102S		MW-102D		MW-102D	MW-102D	MW-102D	MW-102D	MW-102D
		Lab Sample ID	10/14/2008		SB73081-04	460-144917-12		460-260919-2		460-334312-1		10/14/2008	SB73081-03	460-144917-13	460-260919-1	460-334312-2
		Sampling Date	11/9/2017		7/11/2013	6/27/2022		9/2/2025					11/9/2017	6/27/2022	9/2/2025	
		Matrix	Water			Water		Water					Water	Water	Water	
		Dilution Factor	1			1		1					1	1	1	
		Unit	ug/l			ug/l		ug/l		ug/l			ug/l	ug/l	ug/l	
VOCs by 8260D	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5			1.00	U	0.28	U	0.24	U	0.24	U	1.00	U	0.28	U
1,1,2,2-Tetrachloroethane	ug/L	5	Not Sampled		0.50	U	0.19	U	0.37	U	0.085	U	0.50	U	0.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5			1.00	U	NR		0.31	U	0.31	U	1.00	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	Not Yet		1.00	U	0.08	U	0.20	U	0.19	U	1.00	U	0.20	U
1,1-Dichloroethane	ug/L	5	Installed		1.00	U	0.24	U	0.26	U	0.26	U	1.00	U	0.24	U
1,1-Dichloroethene	ug/L	5			1.00	U	0.34	U	0.26	U	0.26	U	1.00	U	0.34	U
1,2,3-Trichlorobenzene	ug/L	5			1.00	U	0.35	U	0.36	U	0.36	U	1.00	U	0.35	U
1,2,4-Trichlorobenzene	ug/L	5			1.00	U	0.27	U	0.37	U	0.37	U	1.00	U	0.27	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04			2.00	U	0.23	U	0.38	U	0.38	U	2.00	U	0.23	U
1,2-Dichlorobenzene	ug/L	3			1.00	U	0.22	U	0.21	U	0.21	U	1.00	U	0.22	U
1,2-Dichloroethane	ug/L	0.6			1.00	U	0.25	U	0.43	U	0.087	U	1.00	U	0.25	U
1,2-Dichloropropane	ug/L	1			1.00	U	0.18	U	0.35	U	0.074	U	1.00	U	0.18	U
1,3-Dichlorobenzene	ug/L	3			1.00	U	0.33	U	0.34	U	0.34	U	1.00	U	0.33	U
1,4-Dichlorobenzene	ug/L	3			1.00	U	0.33	U	0.33	U	0.33	U	1.00	U	0.33	U
1,4-Dioxane	ug/L	0.35			20.0	U	8.7	U	28	U	24	U	20.0	U	8.7	U
2-Butanone (MEK)	ug/L	NS			10.0	U	2.2	U	1.9	U	3.9	U	10.0	U	2.2	U
2-Hexanone	ug/L	50*			10.0	U	0.72	U	1.1	U	1.1	U	10.0	U	0.72	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS			10.0	U	0.63	U	1.3	U	1.3	U	10.0	U	0.63	U
Acetone	ug/L	50*			10.0	U	1.1	U	12		4.4	U	10.0	U	1.1	U
Benzene	ug/L	1			1.00	U	0.09	U	0.20	U	0.070	U	1.00	U	0.09	U
Bromoform	ug/L	50*			1.00	U	0.18	U	0.54	UJ	0.54	U	1.00	U	0.18	U
Bromomethane	ug/L	5			2.00	U	0.18	U	0.55	U	0.55	U	2.00	U	0.18	U
Carbon disulfide	ug/L	60			2.00	U	0.22	U	0.82	U	0.82	U	2.00	U	0.22	U
Carbon tetrachloride	ug/L	5			1.00	U	0.33	U	0.21	UJ	0.21	U	1.00	U	0.33	U
Chlorobenzene	ug/L	5			1.00	U	0.24	U	0.38	U	0.38	U	1.00	U	0.24	U
Chlorobromomethane	ug/L	NS			NR	U	NR		0.41	U	0.41	U	NR	U	NR	
Chlorodibromomethane	ug/L	NS			NR	U	NR		0.28	U	0.086	U	NR	U	NR	
Chloroethane	ug/L	5			2.00	U	0.37	U	0.32	U	0.32	U	2.00	U	0.37	U
Chloroform	ug/L	7			1.00	U	0.22	U	0.33	U	0.33	U	1.00	U	0.22	U
Chloromethane	ug/L	NS			2.00	U	0.22	U	0.40	U	0.40	U	2.00	U	0.22	U
cis-1,2-Dichloroethene	ug/L	5			1.00	U	0.26	U	0.22	U	0.48	U	1.00	U	0.26	U
cis-1,3-Dichloropropene	ug/L	NS			0.50	U	0.16	U	0.22	U	0.069	U	0.50	U	0.16	U
Cyclohexane	ug/L	NS			NR		0.26	U	0.32	UJ	0.32	U	NR		0.26	U
Dichlorobromomethane	ug/L	NS			NR		0.22	U	0.34	U	0.15	U	NR		0.22	U
Dichlorodifluoromethane	ug/L	5			2.00	U	0.14	U	0.31	UJ	0.31	U	2.00	U	0.14	U
Ethylbenzene	ug/L	5			1.00	U	0.30	U	0.30	U	0.30	U	1.00	U	0.3	U
Ethylene Dibromide	ug/L	0.0006			NR		0.34	U	0.50	U	0.50	U	NR		0.34	U
Isopropylbenzene	ug/L	5			1.00	U	0.32	U	0.34	U	0.34	U	1.00	U	0.32	U
Methyl acetate	ug/L	NS			NR		0.58	U	0.79	U	0.79	U	NR		0.58	U
Methyl tert-butyl ether (MTBE)	ug/L	NS			1.00	U	NR		0.22	U	0.22	U	1.00	U	NR	
Methylcyclohexane	ug/L	NS			NR		0.22	U	0.71	UJ	0.71	U	NR		0.22	U
Methylene Chloride	ug/L	5			2.00	U	0.21	U	0.32	U	0.65	U	2.00	U	0.21	U
m-Xylene & p-Xylene	ug/L	NS			2.00	U	0.28	U	0.30	U	0.30	U	2.00	U	0.28	U
o-Xylene	ug/L	5			1.00	U	0.32	U	0.36	U	0.36	U	1.00	U	0.32	U
Styrene	ug/L	5			1.00	U	0.17	U	0.42	U	0.42	U	1.00	U	0.17	U
Tetrachloroethene	ug/L	5			1.00	U	0.12	U	0.25	U	0.28	U	1.00	U	0.12	U
Toluene	ug/L	5			1.00	U	0.25	U	0.38	U	0.38	U	1.00	U	0.25	U
trans-1,2-Dichloroethene	ug/L	5			1.00	U	0.18	U	0.24	U	0.24	U	1.00	U	0.18	U
trans-1,3-Dichloropropene	ug/L	0.4			0.50	U	0.19	U	0.22	U	0.12	U	0.50	U	0.19	U
Trichloroethene	ug/L	5			3.24		0.22	U	0.31	U	0.074	U	3.56		2.0	
Trichlorofluoromethane	ug/L	5			1.00	U	0.15	U	0.32	U	0.32	U	1.00	U	0.15	U
Vinyl chloride	ug/L	2			1.00	U	0.060	U	0.17	U	0.40	U	1.00	U	0.060	U
Total Conc	ug/L	NA			3.24		0.0		12		0.0		3.24		2.0	

NOTES
* = 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

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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 concentratio
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 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-103D	MW-103D		MW-103D	MW-103D	MW-103D		MW-113S	MW-113S	MW-113S	MW-113S	MW-113S
		Lab Sample ID	10/14/2008	SB72998-07		460-144917-11	460-261171-8	460-334312-3		10/14/2008	7/11/2013	11/9/2017	460-261171-5	460-334312-16
		Sampling Date		7/11/2013		11/9/2017	6/30/2022	9/2/2025					6/29/2022	9/4/2025
		Matrix				Water	Water	Water					Water	Water
		Dilution Factor				1	1	1					20	20
		Unit		ug/l		ug/l	ug/l	ug/l					ug/l	ug/l
VOCs by 8260D	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5			1.00	U	0.28	U	0.24	U			4.8	U
1,1,2,2-Tetrachloroethane	ug/L	5	Not Sampled		0.50	U	0.19	U	0.37	U	Not Sampled		7.3	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5			1.00	U	NR		0.31	U			6.2	U
1,1,2-Trichloroethane	ug/L	1	Not Yet		1.00	U	0.08	U	0.20	U	Not Yet		4.1	U
1,1-Dichloroethane	ug/L	5	Installed		1.00	U	0.57	J	0.26	U	Installed		5.3	U
1,1-Dichloroethene	ug/L	5			1.00	U	0.34	U	0.26	U			5.3	U
1,2,3-Trichlorobenzene	ug/L	5			1.00	U	0.35	U	0.36	U			7.1	U
1,2,4-Trichlorobenzene	ug/L	5			1.00	U	0.27	U	0.37	U			7.3	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04			2.00	U	0.23	U	0.38	U			7.5	U
1,2-Dichlorobenzene	ug/L	3			1.00	U	0.44	J	0.21	U			4.2	U
1,2-Dichloroethane	ug/L	0.6			1.00	U	0.25	U	0.43	U			8.6	U
1,2-Dichloropropane	ug/L	1			1.00	U	0.18	U	0.35	U			7.1	U
1,3-Dichlorobenzene	ug/L	3			1.00	U	0.33	U	0.34	U			6.8	U
1,4-Dichlorobenzene	ug/L	3			1.00	U	0.33	U	0.33	U			6.7	U
1,4-Dioxane	ug/L	0.35			20.0	U	8.7	U	28	U			560	U
2-Butanone (MEK)	ug/L	NS			10.0	U	NS	2.2	U	1.9	U	U	37	U
2-Hexanone	ug/L	50*			10.0	U	0.72	U	1.1	U			23	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS			10.0	U	0.63	U	1.3	U			26	U
Acetone	ug/L	50*			10.0	U	1.1	U	4.4	U			88	U
Benzene	ug/L	1			1.00	U	0.09	U	0.20	U			4.1	U
Bromoform	ug/L	50*			1.00	U	0.18	U	0.54	U			11	U
Bromomethane	ug/L	5			2.00	U	0.18	U	0.55	U			11	U
Carbon disulfide	ug/L	60			2.47		0.22	U	0.82	U			16	U
Carbon tetrachloride	ug/L	5			1.00	U	0.33	U	0.21	U			4.2	U
Chlorobenzene	ug/L	5			1.00	U	0.24	U	0.38	U			7.5	U
Chlorobromomethane	ug/L	NS			NR	U	NR		0.41	U			8.2	U
Chlorodibromomethane	ug/L	NS			NR	U	NR		0.28	U			5.6	U
Chloroethane	ug/L	5			2.00	U	0.37	U	0.32	U			6.4	U
Chloroform	ug/L	7			1.00	U	0.22	U	0.33	U			6.5	U
Chloromethane	ug/L	NS			2.00	U	0.22	U	0.40	U			8.0	U
cis-1,2-Dichloroethene	ug/L	5			1.00	U	0.87	J	0.97	N			450	
cis-1,3-Dichloropropene	ug/L	NS			0.50	U	0.16	U	0.22	U			4.4	U
Cyclohexane	ug/L	NS			NR		0.26	U	0.32	U			6.4	U
Dichlorobromomethane	ug/L	NS			NR		0.22	U	0.34	U			6.9	U
Dichlorodifluoromethane	ug/L	5			2.00	U	0.14	U	0.31	U			6.2	U
Ethylbenzene	ug/L	5			1.00	U	0.30	U	0.30	U			6	U
Ethylene Dibromide	ug/L	0.0006			NR		0.34	U	0.50	U			10	U
Isopropylbenzene	ug/L	5			1.00	U	0.32	U	0.34	U			6.7	U
Methyl acetate	ug/L	NS			NR		0.58	U	0.79	U			16	U
Methyl tert-butyl ether (MTBE)	ug/L	NS			2.11		NR		2.4				4.3	U
Methylcyclohexane	ug/L	NS			NR		0.22	U	0.71	U			14	U
Methylene Chloride	ug/L	5			2.00	U	0.21	U	0.32	U			6.3	U
m-Xylene & p-Xylene	ug/L	NS			2.00	U	0.28	U	0.30	U			5.9	U
o-Xylene	ug/L	5			1.00	U	0.32	U	0.36	U			7.2	U
Styrene	ug/L	5			1.00	U	0.17	U	0.42	U			8.3	U
Tetrachloroethene	ug/L	5			0.88		0.12	U	0.25	U			7600	
Toluene	ug/L	5			1.00	U	0.25	U	0.38	U			7.6	U
trans-1,2-Dichloroethene	ug/L	5			1.00	U	0.18	U	0.24	U			4.7	U
trans-1,3-Dichloropropene	ug/L	0.4			0.50	U	0.19	U	0.22	U			4.5	U
Trichloroethene	ug/L	5			1.00	U	0.74	J	0.94	N			200	
Trichlorofluoromethane	ug/L	5			1.00	U	0.15	U	0.32	U			6.4	U
Vinyl chloride	ug/L	2			1.00	U	0.16	J	0.17	U			9.5	N
Total Conc	ug/L	NA			5.46		2.78		4.31				8259.5	

NOTES

* = 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

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater Standards

Laboratory Qualifiers

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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 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-113D		MW-113D		MW-113D		MW-113D		MW-113D		MW-201S		MW-201S		MW-201S		MW-201S		MW-201S	
		Lab Sample ID	10/14/2008		7/11/2013		11/9/2017		460-261171-6		460-334312-17		10/14/2008		7/11/2013		460-144917-4		460-264645-1		9/4/2025	
		Sampling Date							6/29/2022		9/4/2025						11/8/2017		8/30/2022			
		Matrix							Water		Water						Water		Water			
		Dilution Factor							20		20						1		1			
		Unit							ug/l		ug/l						ug/l					
VOCs by 8260D	UNITS	AWQSGV	Result	Q	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							4.8	U	4.8	U					0.28	U	0.24	U		
1,1,2,2-Tetrachloroethane	ug/L	5	Not Sampled		Not Sampled		Not Sampled		7.3	U	1.7	U	Not Sampled		Not Sampled		0.19	U	0.37	U	Not Sampled	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5							6.2	U	6.2	U					NR		0.31	U	Sediment	
1,1,2-Trichloroethane	ug/L	1	Not Yet		Not Yet		Not Yet		4.1	U	3.8	U	Not Yet		Not Yet		0.08	U	0.20	U	in Well	
1,1-Dichloroethane	ug/L	5	Installed		Installed		Installed		5.3	U	5.3	U	Installed		Installed		0.24	U	0.26	U		
1,1-Dichloroethene	ug/L	5							5.3	U	5.3	U					0.34	U	0.26	U		
1,2,3-Trichlorobenzene	ug/L	5							7.1	U	7.1	U					0.35	U	0.36	U		
1,2,4-Trichlorobenzene	ug/L	5							7.3	U	7.3	U					0.27	U	0.37	U		
1,2-Dibromo-3-Chloropropane	ug/L	0.04							7.5	U	7.5	U					0.23	U	0.38	U		
1,2-Dichlorobenzene	ug/L	3							4.2	U	4.2	U					0.22	U	0.21	U		
1,2-Dichloroethane	ug/L	0.6							8.6	U	1.7	U					0.25	U	0.43	U		
1,2-Dichloropropane	ug/L	1							7.1	U	1.5	U					0.18	U	0.35	U		
1,3-Dichlorobenzene	ug/L	3							6.8	U	6.8	U					0.33	U	0.34	U		
1,4-Dichlorobenzene	ug/L	3							6.7	U	6.7	U					0.33	U	0.33	U		
1,4-Dioxane	ug/L	0.35							560	U	480	U					8.7	U	28	U		
2-Butanone (MEK)	ug/L	NS							37	U *+	78	U					2.2	U	1.9	U		
2-Hexanone	ug/L	50*							23	U	23	U					0.72	U	1.1	U		
4-Methyl-2-pentanone (MIBK)	ug/L	NS							26	U	26	U					0.63	U	1.3	U		
Acetone	ug/L	50*							88	U	88	U					1.1	U	4.4	U		
Benzene	ug/L	1							4.1	U	1.4	U					0.09	U	0.20	U		
Bromoform	ug/L	50*							11	U	11	U					0.18	U	0.54	U		
Bromomethane	ug/L	5							11	UJ	11	U					0.18	U	0.55	UJ		
Carbon disulfide	ug/L	60							16	U	16	U					0.22	U	0.82	U		
Carbon tetrachloride	ug/L	5							4.2	U	4.2	U					0.33	U	0.21	U		
Chlorobenzene	ug/L	5							7.5	U	7.5	U					0.24	U	0.38	U		
Chlorobromomethane	ug/L	NS							8.2	U	8.2	U					NR		0.41	U		
Chlorodibromomethane	ug/L	NS							5.6	U	1.7	U					NR		0.28	U		
Chloroethane	ug/L	5							6.4	U	6.4	U					0.37	U	0.32	U		
Chloroform	ug/L	7							6.5	U	6.5	U					0.22	U	0.33	U		
Chloromethane	ug/L	NS							8.0	UJ	8.0	U					0.22	U	0.4	U		
cis-1,2-Dichloroethene	ug/L	5							450		2200						4.9		30			
cis-1,3-Dichloropropene	ug/L	NS							4.4	U	1.4	U					0.16	U	0.22	U		
Cyclohexane	ug/L	NS							6.4	U	6.4	U					0.26	U	0.32	U		
Dichlorobromomethane	ug/L	NS							6.9	U	3.0	U					0.22	U	0.34	U		
Dichlorodifluoromethane	ug/L	5							6.2	U	6.2	U					0.14	U	0.31	U		
Ethylbenzene	ug/L	5							6	U	6.0	U					0.30	U	0.30	U		
Ethylene Dibromide	ug/L	0.0006							10	U	10	U					0.34	U	0.5	U		
Isopropylbenzene	ug/L	5							6.7	U	6.7	U					0.32	U	0.34	U		
Methyl acetate	ug/L	NS							16	UJ	16	U					0.58	U	0.79	U		
Methyl tert-butyl ether (MTBE)	ug/L	NS							4.3	U	4.3	U					NR		0.22	U		
Methylcyclohexane	ug/L	NS							14	U	14	U					0.22	U	0.71	U		
Methylene Chloride	ug/L	5							6.3	U	13	U					0.21	U	0.32	U		
m-Xylene & p-Xylene	ug/L	NS							5.9	U	5.9	U					0.28	U	0.3	U		
o-Xylene	ug/L	5							7.2	U	7.2	U					0.32	U	0.36	U		
Styrene	ug/L	5							8.3	U	8.3	U					0.17	U	0.42	U		
Tetrachloroethene	ug/L	5							7200		16000	D					0.12	U	0.25	U		
Toluene	ug/L	5							7.6	U	7.6	U					0.25	U	0.38	U		
trans-1,2-Dichloroethene	ug/L	5							4.7	U	8.5	J					0.18	U	0.24	U		
trans-1,3-Dichloropropene	ug/L	0.4							4.5	U	2.3	U					0.19	U	0.22	U		
Trichloroethene	ug/L	5							190		1500						0.22	U	0.31	U		
Trichlorofluoromethane	ug/L	5							6.4	U	6.4	U					0.15	U	0.32	U		
Vinyl chloride	ug/L	2							7.4	N J	78						0.22	J	0.29	N J		
Total Conc	ug/L	NA							7847.4		19786.5						5.12		30.29			

NOTES

* = 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

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	MW-201D		MW-201D		MW-201D		MW-201D		MW-201D	
		Lab Sample ID	10/14/2008		7/11/2013		460-144917-5		460-261171-11		460-334312-13	
		Sampling Date					11/8/2017		6/30/2022		9/4/2025	
		Matrix					Water		Water		Water	
		Dilution Factor					1		1		1	
		Unit					ug/l		ug/l		ug/l	
VOCs by 8260D	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5					0.28	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	ug/L	5	Not Sampled		Not Sampled		0.19	U	0.37	U	0.085	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5					NR		0.31	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	Not Yet		Not Yet		0.08	U	0.20	U	0.19	U
1,1-Dichloroethane	ug/L	5	Installed		Installed		7.8		1.2		7.1	
1,1-Dichloroethene	ug/L	5					3.0		0.71	N J	3.1	
1,2,3-Trichlorobenzene	ug/L	5					0.35	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	ug/L	5					0.27	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04					0.23	U	0.38	U	0.38	U
1,2-Dichlorobenzene	ug/L	3					0.22	U	0.21	U	0.21	U
1,2-Dichloroethane	ug/L	0.6					0.25	J	0.43	U	0.087	U
1,2-Dichloropropane	ug/L	1					0.18	U	0.35	U	0.074	U
1,3-Dichlorobenzene	ug/L	3					0.33	U	0.34	U	0.34	U
1,4-Dichlorobenzene	ug/L	3					0.33	U	0.33	U	0.33	U
1,4-Dioxane	ug/L	0.35					8.7	U	28	U	24	U
2-Butanone (MEK)	ug/L	NS					2.2	U	1.9	U *+	3.9	U
2-Hexanone	ug/L	50*					0.72	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS					0.63	U	1.3	U	1.3	U
Acetone	ug/L	50*					1.1	U	4.4	U	4.4	U
Benzene	ug/L	1					0.20	J	0.20	U	0.070	U
Bromoform	ug/L	50*					0.18	U	0.54	U	0.54	U
Bromomethane	ug/L	5					0.18	U	0.55	UJ	0.55	U
Carbon disulfide	ug/L	60					0.22	U	0.82	U	0.82	U
Carbon tetrachloride	ug/L	5					0.33	U	0.21	U	0.21	U
Chlorobenzene	ug/L	5					0.24	U	0.38	U	0.38	U
Chlorobromomethane	ug/L	NS					NR		0.41	U	0.41	U
Chlorodibromomethane	ug/L	NS					NR		0.28	U	0.086	U
Chloroethane	ug/L	5					0.37	U	0.32	U	0.32	U
Chloroform	ug/L	7					0.22	U	0.33	U	0.33	U
Chloromethane	ug/L	NS					0.22	U	0.40	UJ	0.40	U
cis-1,2-Dichloroethene	ug/L	5					2.0		0.75	N J	6.4	
cis-1,3-Dichloropropene	ug/L	NS					0.16	U	0.22	U	0.069	U
Cyclohexane	ug/L	NS					0.26	U	0.32	U	0.32	U
Dichlorobromomethane	ug/L	NS					0.22	U	0.34	U	0.15	U
Dichlorodifluoromethane	ug/L	5					0.14	U	0.31	U	0.31	U
Ethylbenzene	ug/L	5					0.30	U	0.30	U	0.30	U
Ethylene Dibromide	ug/L	0.0006					0.34	U	0.50	U	0.50	U
Isopropylbenzene	ug/L	5					0.32	U	0.34	U	0.34	U
Methyl acetate	ug/L	NS					0.58	U	0.79	UJ	0.79	U
Methyl tert-butyl ether (MTBE)	ug/L	NS					NR		0.81	N J	4.0	
Methylcyclohexane	ug/L	NS					0.22	U	0.71	U	0.71	U
Methylene Chloride	ug/L	5					0.21	U	0.32	U	0.65	U
m-Xylene & p-Xylene	ug/L	NS					0.28	U	0.30	U	0.30	U
o-Xylene	ug/L	5					0.32	U	0.36	U	0.36	U
Styrene	ug/L	5					0.17	U	0.42	U	0.42	U
Tetrachloroethene	ug/L	5					0.12	U	0.25	U	0.28	U
Toluene	ug/L	5					0.25	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	ug/L	5					1.0		0.24	U	1.1	
trans-1,3-Dichloropropene	ug/L	0.4					0.19	U	0.22	U	0.12	U
Trichloroethene	ug/L	5					1.8		2.3		1.3	
Trichlorofluoromethane	ug/L	5					0.15	U	0.32	U	0.32	U
Vinyl chloride	ug/L	2					0.76	J	0.17	U	0.90	J
Total Conc	ug/L	NA					16.81		5.77		23.9	

NOTES

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards

ug/L = micrograms per liter or parts per billion (ppb)

NS = No Standard

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AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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 6A
Summary of Groundwater Analytical Results: VOCs 2008 -2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

		Client ID	Trip Blank		Trip Blank		Trip Blank		Dup (MW-2S)		DUP (MW-2S)		DUP (MW-2S)		EB_063022		EB-20250903	
		Lab Sample ID	460-144917-1		460-261171-12		460-334312-12		460-144917-10		460-261171-7		460-334312-10		460-261171-13		460-334312-11	
		Sampling Date	11/9/2017		6/30/2022		9/4/2025		11/8/2017		6/29/2022		9/3/2025		6/30/2022		9/3/2025	
		Matrix	Water		Water		Water		Water		Water		Water		Water		Water	
		Dilution Factor	1		1		1		1		1		1		1		1	
		Unit	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
VOCs by 8260D	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	5	0.28	U	0.24	U	0.24	U	0.28	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	ug/L	5	0.19	U	0.37	U	0.085	U	0.19	U	0.37	U	0.085	U	0.37	U	0.085	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	5	NR		0.31	U	0.31	U	NR		0.31	U	0.31	U	0.31	U	0.31	U
1,1,2-Trichloroethane	ug/L	1	0.08	U	0.2	U	0.19	U	0.08	U	0.2	U	0.19	U	0.2	U	0.19	U
1,1-Dichloroethane	ug/L	5	0.24	U	0.26	U	0.26	U	0.35	J	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	ug/L	5	0.34	U	0.26	U	0.26	U	7.0		0.26	U	2.0		0.26	U	0.26	U
1,2,3-Trichlorobenzene	ug/L	5	0.35	U	0.36	U	0.36	U	0.35	U	0.36	U	0.36	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	ug/L	5	0.27	U	0.37	U	0.37	U	0.27	U	0.37	U	0.37	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	ug/L	0.04	0.23	U	0.38	U	0.38	U	0.23	U	0.38	U	0.38	U	0.38	U	0.38	U
1,2-Dichlorobenzene	ug/L	3	0.22	U	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.21	U	0.21	U
1,2-Dichloroethane	ug/L	0.6	0.25	U	0.43	U	0.087	U	0.25	U	0.43	U	0.087	U	0.43	U	0.087	U
1,2-Dichloropropane	ug/L	1	0.18	U	0.35	U	0.074	U	0.18	U	0.35	U	0.074	U	0.35	U	0.074	U
1,3-Dichlorobenzene	ug/L	3	0.33	U	0.34	U	0.34	U	0.33	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	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
1,4-Dioxane	ug/L	0.35	8.7	U	28	U	24	U	8.7	U	28	U	24	U	28	U	24	U
2-Butanone (MEK)	ug/L	NS	2.2	U	1.9	U **	3.9	U	2.2	U	1.9	U **	3.9	U	1.9	U **	3.9	U
2-Hexanone	ug/L	50*	0.72	U	1.1	U	1.1	U	0.72	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	ug/L	NS	0.63	U	1.3	U	1.3	U	0.63	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	ug/L	50*	1.1	U	4.4	U	5.1		1.1	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	ug/L	1	0.09	U	0.20	U	0.070	U	0.47	J	0.2	U	0.25	J	0.2	U	0.070	U
Bromoform	ug/L	50*	0.18	U	0.54	U	0.54	U	0.18	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	ug/L	5	0.18	U	0.55	UJ	0.55	U	0.18	U	0.55	UJ	0.55	U	0.55	UJ	0.55	U
Carbon disulfide	ug/L	60	0.22	U	0.82	U	0.82	U	0.22	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	ug/L	5	0.33	U	0.21	U	0.21	U	0.33	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	ug/L	5	0.24	U	0.38	U	0.38	U	0.24	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	ug/L	NS	NR		0.41	U	0.41	U	NR		0.41	U	0.41	U	0.41	U	0.41	U
Chlorodibromomethane	ug/L	NS	NR		0.28	U	0.086	U	NR		0.28	U	0.086	U	0.28	U	0.086	U
Chloroethane	ug/L	5	0.37	U	0.32	U	0.32	U	0.62	J	0.32	U	0.81	J	0.32	U	0.32	U
Chloroform	ug/L	7	0.22	U	0.33	U	0.33	U	0.22	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	ug/L	NS	0.22	U	0.40	UJ	0.40	U	0.22	U	0.40	UJ	0.40	U	0.40	UJ	0.40	U
cis-1,2-Dichloroethene	ug/L	5	0.26	U	0.22	U	0.48	U	410		60		290		0.22	U	0.48	U
cis-1,3-Dichloropropene	ug/L	NS	0.16	U	0.22	U	0.069	U	0.16	U	0.22	U	0.069	U	0.22	U	0.069	U
Cyclohexane	ug/L	NS	0.26	U	0.32	U	0.32	U	0.41	J	0.32	U	0.40	J	0.32	U	0.32	U
Dichlorobromomethane	ug/L	NS	0.22	U	0.34	U	0.15	U	0.22	U	0.34	U	0.15	U	0.34	U	0.15	U
Dichlorodifluoromethane	ug/L	5	0.14	U	0.31	U	0.31	U	0.14	U	0.31	U	0.31	U	0.31	U	0.31	U
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
Ethylene Dibromide	ug/L	0.0006	0.34	U	0.50	U	0.50	U	0.34	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	ug/L	5	0.32	U	0.34	U	0.34	U	0.32	U	0.34	U	0.34	U	0.34	U	0.34	U
Methyl acetate	ug/L	NS	0.58	U	0.79	UJ	0.79	U	0.58	U	0.79	UJ	0.79	U	0.79	UJ	0.79	U
Methyl tert-butyl ether (MTBE)	ug/L	NS	NR		0.22	U	0.22	U	NR		0.22	U	0.65	J	0.22	U	0.22	U
Methylcyclohexane	ug/L	NS	0.22	U	0.71	U	0.71	U	0.30	J	0.71	U	0.71	U	0.71	U	0.71	U
Methylene Chloride	ug/L	5	0.21	U	0.8	J	0.65	U	0.21	U	0.32	U	0.65	U	1.5	JB	0.65	U
m-Xylene & p-Xylene	ug/L	NS	0.28	U	0.3	U	0.30	U	0.28	U	0.3	U	0.30	U	0.3	U	0.30	U
o-Xylene	ug/L	5	0.32	U	0.36	U	0.36	U	0.32	U	0.36	U	0.36	U	0.36	U	0.36	U
Styrene	ug/L	5	0.17	U	0.42	U	0.42	U	0.17	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	ug/L	5	0.12	U	0.25	U	0.28	U	95		25		0.93		0.25	U	0.28	U
Toluene	ug/L	5	0.25	U	0.6	J	0.38	U	0.25	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	ug/L	5	0.18	U	0.24	U	0.24	U	2.0		0.47	N J	1.4		0.24	U	0.24	U
trans-1,3-Dichloropropene	ug/L	0.4	0.19	U	0.22	U	0.12	U	0.19	U	0.22	U	0.12	U	0.22	U	0.12	U
Trichloroethene	ug/L	5	0.22	U	0.31	U	0.074	U	150		10		1.8		0.31	U	0.074	U
Trichlorofluoromethane	ug/L	5	0.15	U	0.32	U	0.32	U	0.15	U	0.32	U	0.32	U	0.32	U	0.32	U
Vinyl chloride	ug/L	2	0.060	U	0.17	U	0.40	U	25		3.5		28		0.17	U	0.40	U
Total Conc	ug/L	NA	0		1.4		5.1		691.15		98.97		326.24		1.5		0.0	

NOTES

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards

ug/L = micrograms per liter or parts per billion (ppb)

NS = No Standard

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AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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.

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UJ = The analyte was not detected above the reported sample quantitation limit. However, the

Table 6B
Summary of Groundwater Analytical Results: SVOCs 2008 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID		MW-1S		MW-1S		MW-1S		MW-1S		MW-1D		MW-1D		MW-1D		MW-1D		MW-2S		MW-2S		MW-2S		MW-2S	
Lab Sample ID		10/14/2008		SB72998-02		11/9/2017		460-261171-3		10/14/2008		SB72998-03		11/9/2017		460-261171-4		10/14/2008		SB72998-05		11/9/2017		460-261171-1	
Sampling Date		7/10/2013		6/29/2022		Water		1		1		Water		1		1		1		1		1		1	
Matrix																									
Dilution Factor																									
SVOCS by 8270E		UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1'-Biphenyl	ug/L	5		NR		NR		1.2	U			NR				1.2	U			NR				1.2	U
1,2,4,5-Tetrachlorobenzene	ug/L	5		Not Sampled				1.2	U			5.32	U	Not Sampled				1.2	U	Not Sampled				1.2	U
2,2'-oxybis[1-chloropropane]	ug/L	NS		NR		NR		0.63	U			NR				0.63	U			NR				0.63	U
2,3,4,6-Tetrachlorophenol	ug/L	NS		NR		NR		0.75	UJ			NR				0.75	UJ			NR				0.75	UJ
2,4,5-Trichlorophenol	ug/L	NS		5.26	U	5.26	U	0.88	UJ			5.32	U			0.88	UJ			5.21	U			0.88	UJ
2,4,6-Trichlorophenol	ug/L	NS		5.26	U	5.26	U	0.86	UJ			5.32	U			0.86	UJ			5.21	U			0.86	UJ
2,4-Dichlorophenol	ug/L	1		5.26	U	5.26	U	1.1	UJ			5.32	U			1.1	UJ			5.21	U			1.1	UJ
2,4-Dimethylphenol	ug/L	1		5.26	U	5.26	U	0.62	UJ			5.32	U			0.62	UJ			5.21	U			0.62	UJ
2,4-Dinitrophenol	ug/L	1		5.26	U	5.26	U	2.6	UJ			5.32	U			2.6	UJ			5.21	U			2.6	UJ
2,4-Dinitrotoluene	ug/L	5		5.26	U	5.26	U	1.0	U			5.32	U			1.0	U			5.21	U			1.0	U
2,6-Dinitrotoluene	ug/L	5		5.26	U	5.26	U	0.83	U			5.32	U			0.83	U			5.21	U			0.83	U
2-Chloronaphthalene	ug/L	10*		5.26	U	5.26	U	1.2	U			5.32	U			1.2	U			5.21	U			1.2	U
2-Chlorophenol	ug/L	NS		5.26	U	5.26	U	0.38	UJ			5.32	U			0.38	UJ			5.21	U			0.38	UJ
2-Methylnaphthalene	ug/L	NS		5.26	U	5.26	U	0.53	U			5.32	U			0.53	U			5.21	U			0.53	U
2-Methylphenol	ug/L	NS		5.26	U	5.26	U	0.67	UJ			5.32	U			0.67	UJ			5.21	U			0.67	UJ
2-Nitroaniline	ug/L	5		5.26	U	5.26	U	0.47	U			5.32	U			0.47	U			5.21	U			0.47	U
2-Nitrophenol	ug/L	NS		5.26	U	5.26	U	0.75	UJ			5.32	U			0.75	UJ			5.21	U			0.75	UJ
3,3'-Dichlorobenzidine	ug/L	5		5.26	U	5.26	U	1.4	U			5.32	U			1.4	U			5.21	U			1.4	U
3-Nitroaniline	ug/L	5		5.26	U	5.26	U	1.9	U			5.32	U			1.9	U			5.21	U			1.9	U
4-Bromophenyl phenyl ether	ug/L	NS		5.26	U	5.26	U	0.75	U			5.32	U			0.75	U			5.21	U			0.75	U
4-Chloro-3-methylphenol	ug/L	NS		5.26	U	5.26	U	0.58	UJ			5.32	U			0.58	UJ			5.21	U			0.58	UJ
4-Chloroaniline	ug/L	5		5.26	U	5.26	U	1.9	U			5.32	U			1.9	U			5.21	U			1.9	U
4-Chlorophenyl phenyl ether	ug/L	NS		5.26	U	5.26	U	1.3	U			5.32	U			1.3	U			5.21	U			1.3	U
4-Methylphenol	ug/L	NS		NR		NR		0.65	UJ			NR				0.65	UJ			NR				0.65	UJ
4-Nitroaniline	ug/L	5		21.1	U	21.1	U	1.2	U			21.3	U			1.2	U			20.8	U			1.2	U
4-Nitrophenol	ug/L	NS		21.1	U	21.1	U	4.0	UJ			21.3	U			4.0	UJ			20.8	U			4.0	UJ
Acenaphthene	ug/L	20		5.26	U	5.26	U	1.1	U			5.32	U			1.1	U			5.21	U			1.1	U
Acenaphthylene	ug/L	NS		5.26	U	5.26	U	0.82	U			5.32	U			0.82	U			5.21	U			0.82	U
Acetophenone	ug/L	NS		NR		NR		2.3	UJ			NR				2.3	UJ			NR				2.3	UJ
Anthracene	ug/L	50*		5.26	U	5.26	U	1.3	U			5.32	U			1.3	U			5.21	U			1.3	U
Atrazine	ug/L	7.5		NR		NR		1.3	U			NR				1.3	U			NR				1.3	U
Benzaldehyde	ug/L	NS		NR		NR		2.1	U			NR				2.1	U			NR				2.1	U
Benzoic Acid	ug/L	NS		5.26	U	5.26	U	NR				5.32	U			NR				5.21	U			NR	
Bis(2-chloroethoxy)methane	ug/L	5		5.26	U	5.26	U	0.59	U			5.32	U			0.59	U			5.21	U			0.59	U
Bis(2-ethylhexyl) phthalate	ug/L	5		5.26	U	5.26	U	0.80	U			5.32	U			0.80	U			5.21	U			0.80	U
Butyl benzyl phthalate	ug/L	NS		5.26	U	5.26	U	0.85	U			5.32	U			0.85	U			5.21	U			0.85	U
Caprolactam	ug/L	NS		NR		NR		2.2	UJ			NR				2.2	UJ			NR				2.2	UJ
Carbazole	ug/L	NS		5.26	U	5.26	U	0.68	UJ			5.32	U			0.68	UJ			5.21	U			0.68	UJ
Chrysene	ug/L	0.002*		5.26	U	5.26	U	0.91	U			5.32	U			0.91	U			5.21	U			0.91	U
Dibenzofuran	ug/L	NS		5.26	U	5.26	U	1.1	U			5.32	U			1.1	U			5.21	U			1.1	U
Diethyl phthalate	ug/L	50*		5.26	U	5.26	U	0.98	U			5.32	U			0.98	U			5.21	U			0.98	U
Dimethyl phthalate	ug/L	50*		5.26	U	5.26	U	0.77	U			5.32	U			0.77	U			5.21	U			0.77	U
Di-n-butyl phthalate	ug/L	50		5.26	U	5.26	U	0.84	U			5.32	U			0.84	U			5.21	U			0.84	U
Di-n-octyl phthalate	ug/L	50*		5.26	U	5.26	U	0.75	U			5.32	U			0.75	U			5.21	U			0.75	U
Fluoranthene	ug/L	50*		5.26	U	5.26	U	0.84	U			5.32	U			0.84	U			5.21	U			0.84	U
Fluorene	ug/L	50*		5.26	U	5.26	U	0.91	U			5.32	U			0.91	U			5.21	U			0.91	U
Hexachlorobutadiene	ug/L	0.5		5.26	U	5.26	U	0.78	U			5.32	U			0.78	U			5.21	U			0.78	U
Hexachlorocyclopentadiene	ug/L	5		5.26	U	5.26	U	3.6	U			5.32	U			3.6	U			5.21	U			3.6	U
Hexachloroethane	ug/L	5		5.26	U	5.26	U	0.80	UJ			5.32	U			0.80	UJ			5.21	U			0.80	UJ
Isophorone	ug/L	50*		5.26	U	5.26	U	0.80	UJ			5.32	U			0.80	UJ			5.21	U			0.80	UJ
Naphthalene	ug/L	10*		5.26	U	5.26	U	0.54	U			5.32	U			0.54	U			5.21	U			0.54	U
Nitrobenzene	ug/L	0.4		5.26	U	5.26	U	0.57	U			5.32	U			0.57	U			5.21	U			0.57	U
N-Nitrosodi-n-propylamine	ug/L	NS		5.26	U	5.26	U	0.43	U			5.32	U			0.43	U			5.21	U			0.43	U
N-Nitrosodiphenylamine	ug/L	50*		5.26	U	5.26	U	0.89	U			5.32	U			0.89	U			5.21	U			0.89	U
Phenanthrene	ug/L	50*		5.26	U	5.26	U	1.3	U			5.32	U			1.3	U			5.21	U			1.3	U
Phenol	ug/L	1		5.26	U	5.26	U	0.29	UJ			5.32	U			0.29	UJ			5.21	U			0.29	UJ
Pyrene	ug/L	50*		5.26	U	5.26	U	1.6	U			5.32	U			1.6	U			5.21	U			1.6	U
Total Conc	ug/L	NS		0.00		0.00		0.00				0.00				0.00				0.00				0.00	

NOTES

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Series (TOGS) Groundwater Standards

ug/L = micrograms per liter or parts per billion (ppb)

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 6B
Summary of Groundwater Analytical Results: SVOCs 2008 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			MW-2D		MW-2D		MW-2D		MW-2D		MW-3S		MW-3S		MW-3S		MW-3S		MW-3D		MW-3D		MW-3D		MW-3D	
Lab Sample ID			10/14/2008		SB72998-04		11/9/2017		460-261171-2		10/14/2008		7/10/2013		11/9/2017		6/29/2022		10/14/2008		7/10/2013		11/9/2017		6/29/2022	
Sampling Date					7/10/2013				6/29/2022																	
Matrix									Water																	
Dilution Factor									1																	
SVOCs by 8270E			Result	Q			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
UNITS	AWQSGV																									
1,1'-Biphenyl	ug/L	5			NR				1.2	U											NR					
1,2,4,5-Tetrachlorobenzene	ug/L	5	Not Sampled		5.10	U	Not Sampled		1.2	U	Not Sampled		Not Sampled		Not Sampled		Not Sampled		Not Sampled		5.32	U	Not Sampled		Not Sampled	
2,2'-oxybis[1-chloropropane]	ug/L	NS			NR				0.63	U											NR					
2,3,4,6-Tetrachlorophenol	ug/L	NS			NR				0.75	UJ											NR					
2,4,5-Trichlorophenol	ug/L	NS			5.10	U			0.88	UJ											5.32	U				
2,4,6-Trichlorophenol	ug/L	NS			5.10	U			0.86	UJ											5.32	U				
2,4-Dichlorophenol	ug/L	1			5.10	U			1.1	UJ											5.32	U				
2,4-Dimethylphenol	ug/L	1			5.10	U			0.62	UJ											5.32	U				
2,4-Dinitrophenol	ug/L	1			5.10	U			2.6	UJ											5.32	U				
2,4-Dinitrotoluene	ug/L	5			5.10	U			1.0	U											5.32	U				
2,6-Dinitrotoluene	ug/L	5			5.10	U			0.83	U											5.32	U				
2-Chloronaphthalene	ug/L	10*			5.10	U			1.2	U											5.32	U				
2-Chlorophenol	ug/L	NS			5.10	U			0.38	UJ											5.32	U				
2-Methylnaphthalene	ug/L	NS			5.10	U			0.53	U											5.32	U				
2-Methylphenol	ug/L	NS			5.10	U			0.67	UJ											5.32	U				
2-Nitroaniline	ug/L	5			5.10	U			0.47	U											5.32	U				
2-Nitrophenol	ug/L	NS			5.10	U			0.75	UJ											5.32	U				
3,3'-Dichlorobenzidine	ug/L	5			5.10	U			1.4	U											5.32	U				
3-Nitroaniline	ug/L	5			5.10	U			1.9	U											5.32	U				
4-Bromophenyl phenyl ether	ug/L	NS			5.10	U			0.75	U											5.32	U				
4-Chloro-3-methylphenol	ug/L	NS			5.10	U			0.58	UJ											5.32	U				
4-Chloroaniline	ug/L	5			5.10	U			1.9	U											5.32	U				
4-Chlorophenyl phenyl ether	ug/L	NS			5.10	U			1.3	U											5.32	U				
4-Methylphenol	ug/L	NS			NR				0.65	UJ											NR					
4-Nitroaniline	ug/L	5			20.4	U			1.2	U											21.3	U				
4-Nitrophenol	ug/L	NS			20.4	U			4.0	UJ											21.3	U				
Acenaphthene	ug/L	20			5.10	U			1.1	U											5.32	U				
Acenaphthylene	ug/L	NS			5.10	U			0.82	U											5.32	U				
Acetophenone	ug/L	NS			NR				2.3	UJ											NR					
Anthracene	ug/L	50*			5.10	U			1.3	U											5.32	U				
Atrazine	ug/L	7.5			NR				1.3	U											NR					
Benzaldehyde	ug/L	NS			NR				2.1	U											NR					
Benzoic Acid	ug/L	NS			5.10	U			NR												5.32	U				
Bis(2-chloroethoxy)methane	ug/L	5			5.10	U			0.59	U											5.32	U				
Bis(2-ethylhexyl) phthalate	ug/L	5			5.10	U			0.80	U											5.32	U				
Butyl benzyl phthalate	ug/L	NS			5.10	U			0.85	U											5.32	U				
Caprolactam	ug/L	NS			NR				2.2	UJ											NR					
Carbazole	ug/L	NS			5.10	U			0.68	UJ											5.32	U				
Chrysene	ug/L	0.002*			5.10	U			0.91	U											5.32	U				
Dibenzofuran	ug/L	NS			5.10	U			1.1	U											5.32	U				
Diethyl phthalate	ug/L	50*			5.10	U			0.98	U											5.32	U				
Dimethyl phthalate	ug/L	50*			5.10	U			0.77	U											5.32	U				
Di-n-butyl phthalate	ug/L	50			5.10	U			0.84	U											5.32	U				
Di-n-octyl phthalate	ug/L	50*			5.10	U			0.75	U											5.32	U				
Fluoranthene	ug/L	50*			5.10	U			0.84	U											5.32	U				
Fluorene	ug/L	50*			5.10	U			0.91	U											5.32	U				
Hexachlorobutadiene	ug/L	0.5			5.10	U			0.78	U											5.32	U				
Hexachlorocyclopentadiene	ug/L	5			5.10	U			3.6	U											5.32	U				
Hexachloroethane	ug/L	5			5.10	U			0.80	UJ											5.32	U				
Isophorone	ug/L	50*			5.10	U			0.80	UJ											5.32	U				
Naphthalene	ug/L	10*			5.10	U			0.54	U											5.32	U				
Nitrobenzene	ug/L	0.4			5.10	U			0.57	U											5.32	U				
N-Nitrosodi-n-propylamine	ug/L	NS			5.10	U			0.43	U											5.32	U				
N-Nitrosodiphenylamine	ug/L	50*			5.10	U			0.89	U											5.32	U				
Phenanthrene	ug/L	50*			5.10	U			1.3	U											5.32	U				
Phenol	ug/L	1			5.10	U			0.29	UJ											5.32	U				
Pyrene	ug/L	50*			5.10	U			1.6	U											5.32	U				
Total Conc	ug/L	NS			0.00				0.00												0.00					

NOTES
* = 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
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 6B
Summary of Groundwater Analytical Results: SVOCs 2008 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			MW-101S		MW-101S		MW-101S		MW-101S		MW-101D		MW-101D		MW-101D		MW-101D		MW-102S		MW-102S		MW-102S		MW-102S	
Lab Sample ID			10/14/2008		SB73081-02		11/9/2017		460-260997-1		10/14/2008		SB73081-01		11/9/2017		460-260997-2		10/14/2008		SB73081-04		11/9/2017		6/29/2022	
Sampling Date			7/11/2013		6/28/2022		Water		1		1		1		1		1		1		1		1		1	
Matrix																										
Dilution Factor																										
SVOCs by 8270E	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1'-Biphenyl	ug/L	5			NR				1.2	UJ			NR				1.2	U F1			NR					
1,2,4,5-Tetrachlorobenzene	ug/L	5	Not Sampled		5.10	U			1.2	UJ	Not Sampled		5.10	U	Not Sampled		1.2	U	Not Sampled		5.16	U	Not Sampled		Not Sampled	
2,2'-oxybis[1-chloropropane]	ug/L	NS			NR				0.63	UJ			NR				0.63	U			NR					
2,3,4,6-Tetrachlorophenol	ug/L	NS	Not Yet		NR				0.75	UJ	Not Yet		NR				0.75	UJ	Not Yet		NR					
2,4,5-Trichlorophenol	ug/L	NS	Installed		5.10	U			0.88	UJ	Installed		5.10	U			0.88	UJ	Installed		5.16	U				
2,4,6-Trichlorophenol	ug/L	NS			5.10	U			0.86	UJ			5.10	U			0.86	UJ			5.15	U				
2,4-Dichlorophenol	ug/L	1			5.10	U			1.1	UJ			5.10	U			1.1	UJ			5.15	U				
2,4-Dimethylphenol	ug/L	1			5.10	U			0.62	UJ			5.10	U			0.62	UJ			5.15	U				
2,4-Dinitrophenol	ug/L	1			5.10	U			2.6	UJ			5.10	U			2.6	UJ			5.15	U				
2,4-Dinitrotoluene	ug/L	5			5.10	U			1.0	UJ			5.10	U			1.0	U			5.15	U				
2,6-Dinitrotoluene	ug/L	5			5.10	U			0.83	UJ			5.10	U			0.83	U			5.15	U				
2-Chloronaphthalene	ug/L	10*			5.10	U			1.2	UJ			5.10	U			1.2	U F1			5.15	U				
2-Chlorophenol	ug/L	NS			5.10	U			0.38	UJ			5.10	U			0.38	UJ			5.15	U				
2-Methylnaphthalene	ug/L	NS			5.10	U			0.53	UJ			5.10	U			0.53	U			5.15	U				
2-Methylphenol	ug/L	NS			5.10	U			0.67	UJ			5.10	U			0.67	UJ			5.15	U				
2-Nitroaniline	ug/L	5			5.10	U			0.47	UJ			5.10	U			0.47	U F1			5.15	U				
2-Nitrophenol	ug/L	NS			5.10	U			0.75	UJ			5.10	U			0.75	UJ			5.15	U				
3,3'-Dichlorobenzidine	ug/L	5			5.10	U			1.4	UJ			5.10	U			1.4	U			5.15	U				
3-Nitroaniline	ug/L	5			5.10	U			1.9	UJ			5.10	U			1.9	U			5.15	U				
4-Bromophenyl phenyl ether	ug/L	NS			5.10	U			0.75	UJ			5.10	U			0.75	U			5.15	U				
4-Chloro-3-methylphenol	ug/L	NS			5.10	U			0.58	UJ			5.10	U			0.58	UJ			5.15	U				
4-Chloroaniline	ug/L	5			5.10	U			1.9	UJ			5.10	U			1.9	U			5.15	U				
4-Chlorophenyl phenyl ether	ug/L	NS			5.10	U			1.3	UJ			5.10	U			1.3	U			5.15	U				
4-Methylphenol	ug/L	NS			NR				0.65	UJ			NR				0.65	UJ			NR					
4-Nitroaniline	ug/L	5			20.4	U			1.2	UJ			20.4	U			1.2	U F1			20.6	U				
4-Nitrophenol	ug/L	NS			20.4	U			4.0	UJ			20.4	U			4.0	UJ			20.6	U				
Acenaphthene	ug/L	20			5.10	U			1.1	UJ			5.10	U			1.1	U F1			5.15	U				
Acenaphthylene	ug/L	NS			5.10	U			0.82	UJ			5.10	U			0.82	U			5.15	U				
Acetophenone	ug/L	NS			NR				2.3	UJ			NR				2.3	UJ			NR					
Anthracene	ug/L	50*			5.10	U			1.3	UJ			5.10	U			1.3	U			5.15	U				
Atrazine	ug/L	7.5			NR				1.3	UJ			NR				1.3	U F1			NR					
Benzaldehyde	ug/L	NS			NR				2.1	UJ			NR				2.1	U F1			NR					
Benzoic Acid	ug/L	NS			5.10	U			NR				4.15				NR				5.15	U				
Bis(2-chloroethoxy)methane	ug/L	5			5.10	U			0.59	UJ			5.10	U			0.59	U F1			5.15	U				
Bis(2-ethylhexyl) phthalate	ug/L	5			2.05				0.80	UJ			2.05				0.80	U			1.67					
Butyl benzyl phthalate	ug/L	NS			5.10	U			0.85	UJ			5.10	U			0.85	U			5.15	U				
Caprolactam	ug/L	NS			NR				2.2	UJ			NR				2.2	U			NR					
Carbazole	ug/L	NS			5.10	U			0.68	UJ			5.10	U			0.68	UJ			5.15	U				
Chrysene	ug/L	0.002*			5.10	U			0.91	UJ			5.10	U			0.91	U			5.15	U				
Dibenzofuran	ug/L	NS			5.10	U			1.1	UJ			5.10	U			1.1	U			5.15	U				
Diethyl phthalate	ug/L	50*			5.10	U			0.98	UJ			5.10	U			0.98	U			5.15	U				
Dimethyl phthalate	ug/L	50*			5.10	U			0.77	UJ			5.10	U			0.77	U			5.15	U				
Di-n-butyl phthalate	ug/L	50			5.10	U			0.84	UJ			5.10	U			0.84	U			5.15	U				
Di-n-octyl phthalate	ug/L	50*			5.10	U			0.75	UJ			5.10	U			0.75	U			5.15	U				
Fluoranthene	ug/L	50*			5.10	U			0.84	UJ			5.10	U			0.84	U			5.15	U				
Fluorene	ug/L	50*			5.10	U			0.91	UJ			5.10	U			0.91	U F1			5.15	U				
Hexachlorobutadiene	ug/L	0.5			5.10	U			0.78	UJ			5.10	U			0.78	U			5.15	U				
Hexachlorocyclopentadiene	ug/L	5			5.10	U			3.6	UJ			5.10	U			3.6	U			5.15	U				
Hexachloroethane	ug/L	5			5.10	U			0.80	UJ			5.10	U			0.80	U			5.15	U				
Isophorone	ug/L	50*			5.10	U			0.80	UJ			5.10	U			0.80	UJ			5.15	U				
Naphthalene	ug/L	10*			5.10	U			0.54	UJ			5.10	U			0.54	U			5.15	U				
Nitrobenzene	ug/L	0.4			5.10	U			0.57	UJ			5.10	U			0.57	U F1			5.15	U				
N-Nitrosodi-n-propylamine	ug/L	NS			5.10	U			0.43	UJ			5.10	U			0.43	U F1			5.15	U				
N-Nitrosodiphenylamine	ug/L	50*			5.10	U			0.89	UJ			5.10	U			0.89	U			5.15	U				
Phenanthrene	ug/L	50*			5.10	U			1.3	UJ			5.10	U			1.3	U			5.15	U				
Phenol	ug/L	1			5.10	U			0.29	UJ			5.10	U			0.29	UJ			5.15	U				
Pyrene	ug/L	50*			5.10	U			1.6	UJ			5.10	U			1.6	U			5.15	U				
Total Conc	ug/L	NS			2.05				0.00				5.45				0.00				1.67					

NOTES
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Series (TOGS) Groundwater Standards
ug/L = micrograms per liter or parts per billion (ppb)
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 6B
Summary of Groundwater Analytical Results: SVOCs 2008 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			MW-102D		MW-102D		MW-102D		MW-102D		MW-103D		MW-103D		MW-103D		MW-103D		MW-113S		MW-113S		MW-113S		MW-113S	
Lab Sample ID			10/14/2008		SB73081-03		11/9/2017		6/29/2022		10/14/2008		7/11/2013		11/9/2017		6/29/2022		10/14/2008		7/11/2013		11/9/2017		460-261171-5	
Sampling Date			10/14/2008		7/11/2013		11/9/2017		6/29/2022		10/14/2008		7/11/2013		11/9/2017		6/29/2022		10/14/2008		7/11/2013		11/9/2017		6/29/2022	
Matrix																									Water	
Dilution Factor																									1	
SVOCs by 8270E		UNITS	AWQSGV		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1'-Biphenyl	ug/L	5			NR								NR											1.2	U	
1,2,4,5-Tetrachlorobenzene	ug/L	5	Not Sampled		5.10	U	Not Sampled		Not Sampled		Not Sampled		5.62	U	Not Sampled		Not Sampled		Not Sampled		Not Sampled		Not Sampled		1.2	U
2,2'-oxybis[1-chloropropane]	ug/L	NS			NR								NR											0.63	U	
2,3,4,6-Tetrachlorophenol	ug/L	NS	Not Yet		NR								NR											0.75	UJ	
2,4,5-Trichlorophenol	ug/L	NS	Installed		5.10	U							5.62	U					Not Yet		Not Yet		Not Yet		0.88	UJ
2,4,6-Trichlorophenol	ug/L	NS			5.10	U							5.62	U					Installed		Installed		Installed		0.86	UJ
2,4-Dichlorophenol	ug/L	1			5.10	U							5.62	U										1.1	UJ	
2,4-Dimethylphenol	ug/L	1			5.10	U							5.62	U										0.62	UJ	
2,4-Dinitrophenol	ug/L	1			5.10	U							5.62	U										2.6	UJ	
2,4-Dinitrotoluene	ug/L	5			5.10	U							5.62	U										1	U	
2,6-Dinitrotoluene	ug/L	5			5.10	U							5.62	U										0.83	U	
2-Chloronaphthalene	ug/L	10*			5.10	U							5.62	U										1.2	U	
2-Chlorophenol	ug/L	NS			5.10	U							5.62	U										0.38	UJ	
2-Methylnaphthalene	ug/L	NS			5.10	U							5.62	U										0.53	U	
2-Methylphenol	ug/L	NS			5.10	U							5.62	U										0.67	UJ	
2-Nitroaniline	ug/L	5			5.10	U							5.62	U										0.47	U	
2-Nitrophenol	ug/L	NS			5.10	U							5.62	U										0.75	UJ	
3,3'-Dichlorobenzidine	ug/L	5			5.10	U							5.62	U										1.4	U	
3-Nitroaniline	ug/L	5			5.10	U							5.62	U										1.9	U	
4-Bromophenyl phenyl ether	ug/L	NS			5.10	U							5.62	U										0.75	U	
4-Chloro-3-methylphenol	ug/L	NS			5.10	U							5.62	U										0.58	UJ	
4-Chloroaniline	ug/L	5			5.10	U							5.62	U										1.9	U	
4-Chlorophenyl phenyl ether	ug/L	NS			5.10	U							5.62	U										1.3	U	
4-Methylphenol	ug/L	NS			NR								NR											0.65	UJ	
4-Nitroaniline	ug/L	5			20.4	U							22.5	U										1.2	U	
4-Nitrophenol	ug/L	NS			20.4	U							22.5	U										4.0	UJ	
Acenaphthene	ug/L	20			5.10	U							5.62	U										1.1	U	
Acenaphthylene	ug/L	NS			5.10	U							5.62	U										0.82	U	
Acetophenone	ug/L	NS			NR								NR											2.3	UJ	
Anthracene	ug/L	50*			5.10	U							5.62	U										1.3	U	
Atrazine	ug/L	7.5			NR								NR											1.3	U	
Benzaldehyde	ug/L	NS			NR								NR											2.1	U	
Benzoic Acid	ug/L	NS			5.10	U							5.62	U										NR		
Bis(2-chloroethoxy)methane	ug/L	5			5.10	U							5.62	U										0.59	U	
Bis(2-ethylhexyl) phthalate	ug/L	5			5.10	U							1.33											0.8	U	
Butyl benzyl phthalate	ug/L	NS			5.10	U							5.62	U										0.85	U	
Caprolactam	ug/L	NS			NR								NR											2.2	UJ	
Carbazole	ug/L	NS			5.10	U							5.62	U										0.68	UJ	
Chrysene	ug/L	0.002*			5.10	U							5.62	U										0.91	U	
Dibenzofuran	ug/L	NS			5.10	U							5.62	U										1.1	U	
Diethyl phthalate	ug/L	50*			5.10	U							5.62	U										0.98	U	
Dimethyl phthalate	ug/L	50*			5.10	U							5.62	U										0.77	U	
Di-n-butyl phthalate	ug/L	50			5.10	U							5.62	U										0.84	U	
Di-n-octyl phthalate	ug/L	50*			5.10	U							5.62	U										0.75	U	
Fluoranthene	ug/L	50*			5.10	U							5.62	U										0.84	U	
Fluorene	ug/L	50*			5.10	U							5.62	U										0.91	U	
Hexachlorobutadiene	ug/L	0.5			5.10	U							5.62	U										0.78	U	
Hexachlorocyclopentadiene	ug/L	5			5.10	U							5.62	U										3.6	U	
Hexachloroethane	ug/L	5			5.10	U							5.62	U										0.80	UJ	
Isophorone	ug/L	50*			5.10	U							5.62	U										0.80	UJ	
Naphthalene	ug/L	10*			5.10	U							5.62	U										0.54	U	
Nitrobenzene	ug/L	0.4			5.10	U							5.62	U										0.57	U	
N-Nitrosodi-n-propylamine	ug/L	NS			5.10	U							5.62	U										0.43	U	
N-Nitrosodiphenylamine	ug/L	50*			5.10	U							5.62	U										0.89	U	
Phenanthrene	ug/L	50*			5.10	U							5.62	U										1.3	U	
Phenol	ug/L	1			5.10	U							5.62	U										0.29	UJ	
Pyrene	ug/L	50*			5.10	U							5.62	U										1.6	U	
Total Conc	ug/L	NS			0.00								1.33											0.00		

NOTES

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Series (TOGS) Groundwater Standards

ug/L = micrograms per liter or parts per billion (ppb)

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 6B
Summary of Groundwater Analytical Results: SVOCs 2008 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			MW-113D		MW-113D		MW-113D		MW-113D		MW-201S		MW-201S		MW-201S		MW-201S		MW-201D		MW-201D		MW-201D		MW-201D	
Lab Sample ID			10/14/2008		7/11/2013		11/9/2017		460-261171-6 6/29/2022		10/14/2008		7/11/2013		11/9/2017		460-264645-1 8/30/2022		10/14/2008		7/11/2013		11/9/2017		460-261171-11 6/30/2022	
Sampling Date									Water								Water								Water	
Matrix									1								1								1	
Dilution Factor																										
SVOCs by 8270E	UNITS	AWQSGV	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1'-Biphenyl	ug/L	5							1.2	U							1.2	U							1.2	U
1,2,4,5-Tetrachlorobenzene	ug/L	5	Not Sampled		Not Sampled				1.2	U	Not Sampled		Not Sampled		Not Sampled		1.2	U	Not Sampled		Not Sampled		Not Sampled		1.2	U
2,2'-oxybis[1-chloropropane]	ug/L	NS							0.63	U							0.63	U							0.63	U
2,3,4,6-Tetrachlorophenol	ug/L	NS	Not Yet		Not Yet		Not Yet		0.75	UJ	Not Yet		Not Yet		Not Yet		0.75	UJ	Not Yet		Not Yet		Not Yet		0.75	UJ
2,4,5-Trichlorophenol	ug/L	NS	Installed		Installed		Installed		0.88	UJ	Installed		Installed		Installed		0.88	UJ	Installed		Installed		Installed		0.88	UJ
2,4,6-Trichlorophenol	ug/L	NS							0.86	UJ							0.86	UJ							0.86	UJ
2,4-Dichlorophenol	ug/L	1							1.1	UJ							1.1	UJ							1.1	UJ
2,4-Dimethylphenol	ug/L	1							0.62	UJ							0.62	UJ							0.62	UJ
2,4-Dinitrophenol	ug/L	1							2.6	UJ							2.6	UJ							2.6	UJ
2,4-Dinitrotoluene	ug/L	5							1	U							1	U							1	U
2,6-Dinitrotoluene	ug/L	5							0.83	U							0.83	U							0.83	U
2-Chloronaphthalene	ug/L	10*							1.2	U							1.2	U							1.2	U
2-Chlorophenol	ug/L	NS							0.38	UJ							0.38	UJ							0.38	UJ
2-Methylnaphthalene	ug/L	NS							0.53	U							0.53	U							0.53	U
2-Methylphenol	ug/L	NS							0.67	UJ							0.67	UJ							0.67	UJ
2-Nitroaniline	ug/L	5							0.47	U							0.47	U							0.47	U
2-Nitrophenol	ug/L	NS							0.75	UJ							0.75	UJ							0.75	UJ
3,3'-Dichlorobenzidine	ug/L	5							1.4	U							1.4	U							1.4	U
3-Nitroaniline	ug/L	5							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
4-Chloro-3-methylphenol	ug/L	NS							0.58	UJ							0.58	UJ							0.58	UJ
4-Chloroaniline	ug/L	5							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
4-Methylphenol	ug/L	NS							0.65	UJ							0.65	UJ							0.65	UJ
4-Nitroaniline	ug/L	5							1.2	U							1.2	U							1.2	U
4-Nitrophenol	ug/L	NS							4.0	UJ							4	UJ							4.0	UJ
Acenaphthene	ug/L	20							1.1	U							1.1	U							1.1	U
Acenaphthylene	ug/L	NS							0.82	U							0.82	U							0.82	U
Acetophenone	ug/L	NS							2.3	UJ							2.3	UJ							2.3	UJ
Anthracene	ug/L	50*							1.3	U							1.3	U							1.3	U
Atrazine	ug/L	7.5							1.3	U							1.3	U *+							1.3	U
Benzaldehyde	ug/L	NS							2.1	U							2.1	UJ							2.1	U
Benzoic Acid	ug/L	NS							NR								NR								NR	
Bis(2-chloroethoxy)methane	ug/L	5							0.59	U							0.59	U							0.59	U
Bis(2-ethylhexyl) phthalate	ug/L	5							0.8	U							0.8	U							0.8	U
Butyl benzyl phthalate	ug/L	NS							0.85	U							0.85	U							0.85	U
Caprolactam	ug/L	NS							2.2	UJ							2.2	UJ							2.2	UJ
Carbazole	ug/L	NS							0.68	UJ							0.68	UJ							0.68	UJ
Chrysene	ug/L	0.002*							0.91	U							0.91	U							0.91	U
Dibenzofuran	ug/L	NS							1.1	U							1.1	U							1.1	U
Diethyl phthalate	ug/L	50*							0.98	U							0.98	U							0.98	U
Dimethyl phthalate	ug/L	50*							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
Di-n-octyl phthalate	ug/L	50*							0.75	U							0.75	U							0.75	U
Fluoranthene	ug/L	50*							0.84	U							0.84	U							0.84	U
Fluorene	ug/L	50*							0.91	U							0.91	U							0.91	U
Hexachlorobutadiene	ug/L	0.5							0.78	U							0.78	U							0.78	U
Hexachlorocyclopentadiene	ug/L	5							3.6	U							3.6	U							3.6	U
Hexachloroethane	ug/L	5							0.80	UJ							0.8	U							0.80	UJ
Isophorone	ug/L	50*							0.80	UJ							0.8	UJ							0.80	UJ
Naphthalene	ug/L	10*							0.54	U							0.54	U							0.54	U
Nitrobenzene	ug/L	0.4							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
N-Nitrosodiphenylamine	ug/L	50*							0.89	U							0.89	U							0.89	U
Phenanthrene	ug/L	50*							1.3	U							1.3	U							1.3	U
Phenol	ug/L	1							0.29	UJ							0.29	UJ							0.29	UJ
Pyrene	ug/L	50*							1.6	U							1.6	U							1.6	U
Total Conc	ug/L	NS							0.00								0.00								0.00	

NOTES
* = 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

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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 6B
Summary of Groundwater Analytical Results: SVOCs 2008 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			DUP (MW-2S)		EB_063022	
Lab Sample ID			460-261171-7		460-261171-13	
Sampling Date			6/29/2022		6/30/2022	
Matrix			Water		Water	
Dilution Factor			1		1	
SVOCS by 8270E	UNITS	AWQSGV	Result	Q	Result	Q
1,1'-Biphenyl	ug/L	5	1.2	U	1.2	U
1,2,4,5-Tetrachlorobenzene	ug/L	5	1.2	U	1.2	U
2,2'-oxybis[1-chloropropane]	ug/L	NS	0.63	U	0.63	U
2,3,4,6-Tetrachlorophenol	ug/L	NS	0.75	UJ	0.75	UJ
2,4,5-Trichlorophenol	ug/L	NS	0.88	UJ	0.88	UJ
2,4,6-Trichlorophenol	ug/L	NS	0.86	UJ	0.86	UJ
2,4-Dichlorophenol	ug/L	1	1.1	UJ	1.1	UJ
2,4-Dimethylphenol	ug/L	1	0.62	UJ	0.62	UJ
2,4-Dinitrophenol	ug/L	1	2.6	UJ	2.6	UJ
2,4-Dinitrotoluene	ug/L	5	1	U	1	U
2,6-Dinitrotoluene	ug/L	5	0.83	U	0.83	U
2-Chloronaphthalene	ug/L	10*	1.2	U	1.2	U
2-Chlorophenol	ug/L	NS	0.38	UJ	0.38	UJ
2-Methylnaphthalene	ug/L	NS	0.53	U	0.53	U
2-Methylphenol	ug/L	NS	0.67	UJ	0.67	UJ
2-Nitroaniline	ug/L	5	0.47	U	0.47	U
2-Nitrophenol	ug/L	NS	0.75	UJ	0.75	UJ
3,3'-Dichlorobenzidine	ug/L	5	1.4	U	1.4	U
3-Nitroaniline	ug/L	5	1.9	U	1.9	U
4-Bromophenyl phenyl ether	ug/L	NS	0.75	U	0.75	U
4-Chloro-3-methylphenol	ug/L	NS	0.58	UJ	0.58	UJ
4-Chloroaniline	ug/L	5	1.9	U	1.9	U
4-Chlorophenyl phenyl ether	ug/L	NS	1.3	U	1.3	U
4-Methylphenol	ug/L	NS	0.65	UJ	0.65	UJ
4-Nitroaniline	ug/L	5	1.2	U	1.2	U
4-Nitrophenol	ug/L	NS	4.0	UJ	4.0	UJ
Acenaphthene	ug/L	20	1.1	U	1.1	U
Acenaphthylene	ug/L	NS	0.82	U	0.82	U
Acetophenone	ug/L	NS	2.3	UJ	2.3	UJ
Anthracene	ug/L	50*	1.3	U	1.3	U
Atrazine	ug/L	7.5	1.3	U	1.3	U
Benzaldehyde	ug/L	NS	2.1	U	2.1	U
Benzoic Acid	ug/L	NS	NR		NR	
Bis(2-chloroethoxy)methane	ug/L	5	0.59	U	0.59	U
Bis(2-ethylhexyl) phthalate	ug/L	5	0.8	U	0.8	U
Butyl benzyl phthalate	ug/L	NS	0.85	U	0.85	U
Caprolactam	ug/L	NS	2.2	UJ	2.2	UJ
Carbazole	ug/L	NS	0.68	UJ	0.68	UJ
Chrysene	ug/L	0.002*	0.91	U	0.91	U
Dibenzofuran	ug/L	NS	1.1	U	1.1	U
Diethyl phthalate	ug/L	50*	0.98	U	0.98	U
Dimethyl phthalate	ug/L	50*	0.77	U	0.77	U
Di-n-butyl phthalate	ug/L	50	0.84	U	0.84	U
Di-n-octyl phthalate	ug/L	50*	0.75	U	0.75	U
Fluoranthene	ug/L	50*	0.84	U	0.84	U
Fluorene	ug/L	50*	0.91	U	0.91	U
Hexachlorobutadiene	ug/L	0.5	0.78	U	0.78	U
Hexachlorocyclopentadiene	ug/L	5	3.6	U	3.6	U
Hexachloroethane	ug/L	5	0.80	UJ	0.80	UJ
Isophorone	ug/L	50*	0.80	UJ	0.80	UJ
Naphthalene	ug/L	10*	0.54	U	0.54	U
Nitrobenzene	ug/L	0.4	0.57	U	0.57	U
N-Nitrosodi-n-propylamine	ug/L	NS	0.43	U	0.43	U
N-Nitrosodiphenylamine	ug/L	50*	0.89	U	0.89	U
Phenanthrene	ug/L	50*	1.3	U	1.3	U
Phenol	ug/L	1	0.29	UJ	0.29	UJ
Pyrene	ug/L	50*	1.6	U	1.6	U
Total Conc	ug/L	NS	0.00		0.00	

NOTES

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater Standards

ug/L = micrograms per liter or parts per billion (ppb)

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 6C
Summary of Groundwater Analytical Results: SVOCs via SIM 2013 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			MW-1S		MW-1S		MW-1D		MW-1D		MW-2S		MW-2S		MW-2D		MW-2D		MW-3S		MW-3S	
Lab Sample ID			SB72998-02		460-261171-3		SB72998-03		460-261171-4		SB72998-05		460-261171-1		SB72998-04		460-261171-2					
Sampling Date			7/10/2013		6/29/2022		7/10/2013		6/29/2022		7/10/2013		6/29/2022		7/10/2013		6/29/2022		7/10/2013		6/26/2022	
Matrix					Water				Water				Water				Water					
Dilution Factor					1				1				1				1					
SVOCs by 8270E SIM		UNITS	AWQSGV		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,4-Dioxane **	ug/L	0.35**	2000	U	0.17	UJ	100	U	0.43	UJ	200	U	0.17	UJ	20.0	U	0.17	UJ	Not Sampled		Not Sampled	
4,6-Dinitro-2-methylphenol	ug/L	NS	5.26	U	0.38	UJ	5.32	U	0.38	UJ	5.21	U	0.38	UJ	5.10	U	0.38	UJ				
Benzo[a]anthracene	ug/L	NS	5.26	U	0.016	U	5.32	U	0.016	U	5.21	U	0.016	U	5.10	U	0.016	U				
Benzo[a]pyrene	ug/L	ND	5.26	U	0.022	U	5.32	U	0.022	U	5.21	U	0.022	U	5.10	U	0.022	U				
Benzo[b]fluoranthene	ug/L	0.002*	5.26	U	0.024	UJ	5.32	U	0.024	UJ	5.21	U	0.024	UJ	5.10	U	0.024	UJ				
Benzo[g,h,i]perylene	ug/L	NS	5.26	U	0.035	U	5.32	U	0.035	U	5.21	U	0.035	U	5.10	U	0.035	U				
Benzo[k]fluoranthene	ug/L	0.002*	5.26	U	0.028	U	5.32	U	0.028	U	5.21	U	0.028	U	5.10	U	0.028	U				
Bis(2-chloroethyl)ether	ug/L	1	5.26	U	0.026	U	5.32	U	0.026	U	5.21	U	0.026	U	5.10	U	0.026	U				
Dibenz(a,h)anthracene	ug/L	NS	5.26	U	0.02	U	5.32	U	0.02	U	5.21	U	0.02	U	5.10	U	0.02	U				
Hexachlorobenzene	ug/L	0.04	5.26	U	0.011	U	5.32	U	0.011	U	5.21	U	0.011	U	5.10	U	0.011	U				
Indeno[1,2,3-cd]pyrene	ug/L	0.002*	5.26	U	0.036	U	5.32	U	0.036	U	5.21	U	0.036	U	5.10	U	0.036	U				
N-Nitrosodimethylamine	ug/L	NS	5.26	U	0.12	UJ	5.32	U	0.12	UJ	5.21	U	0.12	UJ	5.10	U	0.12	UJ				
Pentachlorophenol	ug/L	1	21.1	U	0.18	U	21.3	U	0.18	U	20.8	U	0.18	U	20.40	U	0.18	U				
Total Conc	ug/L	NS	0.0		0.0		0.0		0.43		0.0		0.0		0.00		0.0					

NOTES
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter or parts per billion (ppb)

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater Standards
** = 1,4-dioxane from 2023 addendum to June 1998 Division of Water Techical and Oerational Guidance Series (TOGs) No. 1.1.1

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

Table 6C
Summary of Groundwater Analytical Results: SVOCs via SIM 2013 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			MW-3D		MW-3D		MW-101S		MW-101S		MW-101D		MW-101D		MW-102S		MW-102S		MW-102D		MW-102D	
Lab Sample ID			SB72998-08				SB73081-02		460-260997-1		SB73081-01		460-260997-2		SB73081-04				SB73081-03			
Sampling Date			7/10/2013		6/26/2022		7/11/2013		6/28/2022		7/11/2013		6/28/2022		7/10/2013		6/26/2022		7/10/2013		6/26/2022	
Matrix									Water				Water									
Dilution Factor									1				1									
SVOCs by 8270E SIM		UNITS	AWQSGV		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,4-Dioxane **	ug/L	0.35**	20.0	U			20.0	U	0.17	UJ	20.0	U	1.4	J	20.0	U			20.0	U		
4,6-Dinitro-2-methylphenol	ug/L	NS	5.32	U	Not Sampled		5.10	U	0.38	U	5.10	U	0.38	U	5.15	U	Not Sampled		5.10	U	Not Sampled	
Benzo[a]anthracene	ug/L	NS	5.32	U		5.10	U	0.016	U	5.10	U	0.016	U	5.15	U	5.10		U				
Benzo[a]pyrene	ug/L	ND	5.32	U		5.10	U	0.022	U	5.10	U	0.022	U	5.15	U	5.10		U				
Benzo[b]fluoranthene	ug/L	0.002*	5.32	U		5.10	U	0.024	UJ	5.10	U	0.024	UJ	5.15	U	5.10		U				
Benzo[g,h,i]perylene	ug/L	NS	5.32	U			5.10	U	0.035	U	5.10	U	0.035	U	5.15	U			5.10	U		
Benzo[k]fluoranthene	ug/L	0.002*	5.32	U			5.10	U	0.028	U	5.10	U	0.028	U	5.15	U			5.10	U		
Bis(2-chloroethyl)ether	ug/L	1	5.32	U			5.10	U	0.026	U	5.10	U	0.026	U	5.15	U			5.10	U		
Dibenz(a,h)anthracene	ug/L	NS	5.32	U			5.10	U	0.02	U	5.10	U	0.02	U	5.15	U			5.10	U		
Hexachlorobenzene	ug/L	0.04	5.32	U			5.10	U	0.011	U	5.10	U	0.011	U	5.15	U			5.10	U		
Indeno[1,2,3-cd]pyrene	ug/L	0.002*	5.32	U			5.10	U	0.036	U	5.10	U	0.036	U	5.15	U			5.10	U		
N-Nitrosodimethylamine	ug/L	NS	5.32	U			5.10	U	0.12	UJ	5.10	U	0.12	UJ	5.15	U			5.10	U		
Pentachlorophenol	ug/L	1	21.3	U			20.4	U	0.18	U	20.4	U	0.18	U	20.6	U			20.4	U		
Total Conc	ug/L	NS	0.0				0.0		0.0		0.0		1.4		0.0				0.0			

NOTES
* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards
ug/L = micrograms per liter or parts per billion (ppb)

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater Standards
** = 1,4-dioxane from 2023 addendum to June 1998 Division of Water Techical and Oerational Guidance Series (TOGs) No. 1.1.1

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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 6C
Summary of Groundwater Analytical Results: SVOCs via SIM 2013 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			MW-103D		MW-103D		MW-113S		MW-113S		MW-113D		MW-113D		MW-201S		MW-201S		MW-201D		MW-201D	
Lab Sample ID			SB72998-07						460-261171-5				460-261171-6				460-264645-1				460-261171-11	
Sampling Date			7/11/2013		6/26/2022		7/11/2013		6/29/2022		7/11/2013		6/29/2022		7/11/2013		8/30/2022		7/11/2013		6/30/2022	
Matrix									Water				Water				Water				Water	
Dilution Factor									1				1				1				1	
SVOCs by 8270E SIM		UNITS	AWQSGV		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,4-Dioxane **	ug/L	0.35**	20.0	U					0.17	UJ			0.17	U			0.17	UJ			0.64	J-
4,6-Dinitro-2-methylphenol	ug/L	NS	5.62	U	Not Sampled			Not Sampled			0.38	UJ	Not Sampled			0.38	U *1	Not Sampled			0.38	UJ
Benzo[a]anthracene	ug/L	NS	5.62	U					0.016	U			0.016	U			0.59	U			0.016	U
Benzo[a]pyrene	ug/L	ND	5.62	U			Not Yet		0.022	U	Not Yet		0.022	U	Not Yet		0.41	U	Not Yet		0.022	U
Benzo[b]fluoranthene	ug/L	0.002*	5.62	U			Installed		0.024	UJ	Installed		0.024	UJ	Installed		0.68	U	Installed		0.024	UJ
Benzo[g,h,i]perylene	ug/L	NS	5.62	U					0.035	U			0.035	U			0.7	U			0.035	U
Benzo[k]fluoranthene	ug/L	0.002*	5.62	U					0.028	U			0.028	U			0.67	U			0.028	U
Bis(2-chloroethyl)ether	ug/L	1	5.62	U					0.026	U			0.026	U			0.63	U			0.026	U
Dibenz(a,h)anthracene	ug/L	NS	5.62	U					0.02	U			0.02	U			0.72	U			0.02	U
Hexachlorobenzene	ug/L	0.04	5.62	U					0.011	U			0.011	U			0.4	U			0.011	U
Indeno[1,2,3-cd]pyrene	ug/L	0.002*	5.62	U					0.036	U			0.036	U			0.94	U *+			0.036	U
N-Nitrosodimethylamine	ug/L	NS	5.62	U					0.12	UJ			0.12	UJ			NT	U			0.12	UJ
Pentachlorophenol	ug/L	1	22.5	U					0.18	U			0.18	U			1.4	UJ			0.18	U
Total Conc	ug/L	NS	0.0						0.0				0.0				0.0				0.64	

NOTES
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ug/L = micrograms per liter or parts per billion (ppb)

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** = 1,4-dioxane from 2023 addendum to June 1998 Division of Water Techical and Oerational Guidance Series (TOGs) No. 1.1.1

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Table 6C
Summary of Groundwater Analytical Results: SVOCs via SIM 2013 - 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

Client ID			DUP (MW-2S)		EB_063022	
Lab Sample ID			460-261171-7		460-261171-13	
Sampling Date			6/29/2022		6/30/2022	
Matrix			Water		Water	
Dilution Factor			1		1	
SVOCs by 8270E SIM		UNITS	AWQSGV		Result	
			Result	Q	Result	Q
1,4-Dioxane **	ug/L	0.35**	0.17	UJ	0.17	UJ
4,6-Dinitro-2-methylphenol	ug/L	NS	0.38	UJ	0.38	UJ
Benzo[a]anthracene	ug/L	NS	0.016	U	0.016	U
Benzo[a]pyrene	ug/L	ND	0.022	U	0.022	U
Benzo[b]fluoranthene	ug/L	0.002*	0.024	UJ	0.024	UJ
Benzo[g,h,i]perylene	ug/L	NS	0.035	U	0.035	U
Benzo[k]fluoranthene	ug/L	0.002*	0.028	U	0.028	U
Bis(2-chloroethyl)ether	ug/L	1	0.026	U	0.026	U
Dibenz(a,h)anthracene	ug/L	NS	0.02	U	0.02	U
Hexachlorobenzene	ug/L	0.04	0.011	U	0.011	U
Indeno[1,2,3-cd]pyrene	ug/L	0.002*	0.036	U	0.036	U
N-Nitrosodimethylamine	ug/L	NS	0.12	UJ	0.12	IJ
Pentachlorophenol	ug/L	1	0.18	U	0.18	U
Total Conc	ug/L	NS	0.00		0.00	

NOTES
* = 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

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater Standards
** = 1,4-dioxane from 2023 addendum to June 1998 Division of Water Techical and Oerational Guidance Series (TOGs) No. 1.1.1

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Table 6D Summary of Groundwatr Analytical Results: TAL Metals June 2022 Former Johnny On the Spot Cleaner: DEC Site No. C241125 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	AWQSGV	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)																										

NOTES

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Laboratory Qualifiers

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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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: DEC Site No. C241125
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		
PCBs BY 8082A		UNITS	AWQSGV	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

AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater Standards

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards

ug/L = micrograms per liter or parts per billion (ppb)

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Table 6F
Summary of Groundwater Analytical Results: Pesticides June 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
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	AWQSGV	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

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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
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	PFDaA	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	2.7	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	6.7	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	PFTTrDA	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	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	PFDaA	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	2.7	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	6.7	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	PFTTrDA	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
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 6H
Summary of Groundwatr Analytical Results: Sulfate and Nitrate 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
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	AWGSGV	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

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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 Nitrate 2022
Former Johnny On the Spot Cleaner: DEC Site No. C241125
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	AWGSGV	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

* = Guidance Value from: NYSDEC TOGS 1.1.1 GW Standards AWQSGVs = Ambient Water Quality Standard and Guidance Values from 6 NYCRR Part 703 and NYSDEC Technical and Operational Guidance Serries (TOGS) Groundwater 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 7A
Summary of Sub-Slab Soil Gas Analytical Results: 2008 to 2024
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Stnds ¹	Former Johnny on the Spot Cleaners												
Medium			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	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	
Laboratory ID															
Sample ID			SG-1	SG-1	SG-1	SG-1	200-37771-11	200-42355-8	200-62822-13	200-67137-8	L2408362-13	200-62822-15	200-67137-12	L2408362-12	
Collection Date			08/26/08	06/19/13	07/11/13	10/16/13	03/10/17	02/21/18	03/30/22	03/02/23	02/14/24	03/30/22	03/02/23	02/14/24	
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	11 U				17 U	11 U	11 U	1.1 U	1.09 U	11 UJ	11 U	1.09 U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	14 U				21 U	14 U	14 U	14 U	1.37 U	14 UJ	14 U	1.37 U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS					23 U	14 U	15 U	15 U	1.53 U	15 UJ	15 U	1.53 U	
75-35-4	1,1-DICHLOROETHENE	NS	13 U				21	16	1.4 U	1.4 U	0.793 U	1.4 UJ	1.4 U	0.793 U	
95-63-6	1,2,4-TRIMETHYLBENZENE	NS		72.76	14.5	91.93	15 U	36	3.3 NJ	9.8 U	0.983 U	3.3 UJ	9.8 U	0.983 U	
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	16 U	24.58 U	16.9 U	143.55 U	15 U	14	9.8 U	9.8 U	0.983 U	9.8 UJ	9.8 U	0.983 U	
106-99-0	1,3-BUTADIENE	NS	19 U				6.7 U	4.4 U	4.4 U	4.4 U	0.442 U	4.4 UJ	4.4 U	0.442 U	
541-73-1	1,3-DICHLOROBENZENE	NS					18 U	12 U	12 U	12 U	1.20 U	12 UJ	12 U	1.20 U	
106-47-7	1,4-DICHLOROBENZENE	NS					18 U	12 U	12 U	12 U	1.20 U	12 UJ	12 U	1.20 U	
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	11 U				14 U	79	9.3 U	9.3 U	0.934 U	9.3 UJ	9.3 U	0.934 U	
622-96-8	4-ETHYLTOLUENE	NS	16 U	35.4	16.9 U	143.55 U	15 U	9.8	9.8 U	9.8 U	0.983 U	9.8 UJ	9.8 U	0.983 U	
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS					17 U	12 U	11 U	11 U	NT	11 UJ	11 U	NT	
67-64-1	ACETONE	NS		337.43	16.9 U	1451.91	180 U	120 U	81 NJ	120 U	16.5	120 UJ	120 U	27.1	
71-43-2	BENZENE	NS		17.23	16.9 U	93.15 U	9.7 U	6.4 U	6.4 U	1.5 NJ	1.20	6.4 UJ	6.4 U	0.639 U	
106-97-8	BUTANE	NS					18 U	26	12 U	12 U	NT	12 UJ	12 U	NT	
75-15-0	CARBON DISULFIDE	NS		25.52	16.9 U	295.06	24 U	16 U	16 U	16 U	0.623 U	16 UJ	16 U	0.738	
56-23-5	CARBON TETRACHLORIDE	NS	15	31.45 U	16.9 U	183.68 U	3.8 U	2.2 U	2.2 U	2.2 U	1.26 U	2.2 UJ	2.2 U	1.26 U	
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS					27 U	18 U	18 U	18 U	NT	18 UJ	18 U	NT	
108-90-7	CHLOROBENZENE	NS		23.03 U	16.9 U	134.48 U	14 U	7.0 U	9.2 U	9.2 U	0.921 U	9.2 UJ	9.2 U	0.921 U	
67-66-3	CHLOROFORM	NS	18 U	89.07	16.9	142.12 U	15 U	9.8 U	9.8 U	9.8 U	0.977 U	9.8 UJ	9.8 U	0.977 U	
74-87-3	CHLOROMETHANE	NS	22 U	10.33 U	16.9 U	60.31 U	16 U	10 U	10 U	10 U	0.884	10 UJ	10 U	0.413 U	
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	16 U	19.83 U	6.76 U	115.78 U	51	22	2.0 U	2.0 U	0.793 U	2.0 UJ	2.0 U	0.793 U	
110-82-7	CYCLOHEXANE	NS	21 U	17.21 U	16.9 U	100.51 U	10 U	18	6.9 U	6.9 U	0.688 U	6.9 UJ	6.9 U	0.688 U	
75-71-8	DICHLORODIFLUOROMETHANE	NS	42 U				38 U	25 U	14 NJ	25 U	2.74	25 UJ	25 U	2.84	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	13 U				52	22	16 U	16 U	NT	16 UJ	16 U	NT	
64-17-5	ETHANOL	NS					NT	NT	NT	NT	38.6	NT	NT	18.1	
100-41-4	ETHYLBENZENE	NS	14 U	49.42	16.9 U	78.47	13 U	26	8.7 U	2.7 NJ	0.869 U	8.7 UJ	8.7 U	0.869 U	
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS		12.27 U	16.9 U	180.86	190 U	120 U	120 U	120 U	5.26	120 UJ	120 U	12.6	
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS		24.58 U	16.9 U	143.55 U	9.8 U	9.8 U	9.8 U	9.8 U	NT	9.8 UJ	9.8 U	NT	
179601-23-1	M,P-XYLENES	NS	36 U	224.57	16.9 U	345.1	33 U	78	22 U	22 U	1.74 U	22 UJ	22 U	1.74 U	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS		14.74 U	16.9 U	86.11 U	22 U	15 U	15 U	15 U	2.15	15 UJ	15 U	3.19	
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS	30 U				11 U	7.2 U	7.2 U	7.2 U	0.721 U	7.2 UJ	7.2 U	0.721 U	
75-09-2	METHYLENE CHLORIDE	NS	19 U	17.36 U	16.9 U	101.39 U	26 U	17 U	17 U	17 U	6.53	27 J	17 U	1.74 U	
91-20-3	NAPHTHALENE	NS		26.18 U	16.9 U	152.87 U	40 UJ	26 U	26 UJ	26 U	NT	26 UJ	37	NT	
142-82-5	N-HEPTANE	NS	14 U	20.49 U	16.9 U	119.67 U	12 U	31	8.2 U	8.2 U	0.82 U	3.1 NJ	8.2 U	0.82 U	
110-54-3	N-HEXANE	NS	30 U	35.61	16.9 U	325.76	11 U	35	18 U	18 U	0.705 U	9.0 NJ	18 U	0.705 U	
103-65-1	N-PROPYLBENZENE	NS					15 U	9.8 U	9.8 U	9.8 U	NT	9.8 UJ	9.8 U	NT	
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	14 U	52.89	16.9 U	134.4	13 U	44	8.7 U	2.4 NJ	0.869 U	8.7 UJ	8.7 U	0.869 U	
100-42-5	STYRENE	NS		21.27 U	16.9 U	124.2 U	13 U	13 U	8.5 U	8.5 U	0.852 U	8.5 UJ	8.5 U	0.852 U	
75-65-0	TERT-BUTYL ALCOHOL	NS					230 U	150 U	150 U	150 U	1.52 U	150 UJ	150 U	2.85	
109-99-9	TETRAHYDOFURAN	NS		14.74 U	16.9 U	86.11 U	220 U	150 U	150 U	150 U	6.11	150 U	150 U	1.47 U	
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	4300	2746.38	2610	16,614	2400	75	43	59	5.93	13 NJ	25	50.7	
108-88-3	TOLUENE	NS	12 U	171.58	6.42	360.85	11 U	37	6.3 NJ	3.5 NJ	2.52	5.3 NJ	1.6 NJ	0.912	
156-60-5	TRANS-1,2-DICHLOROETHENE	NS					12 U	7.9 U	7.9 U	7.9 U	0.793 U	7.9 UJ	7.9 U	0.793 U	
79-01-6	TRICHLOROETHYLENE (TCE)	NS	75	192.4	188	1101.72	750	97	6.0	7.2	1.07 U	1.9 UJ	1.9 U	1.07 U	
75-69-4	TRICHLOROFLUOROMETHANE	NS	19 U	28.1 U	16.9 U	164.09 U	17 U	11 U	11 U	11 U	1.49	11 UJ	11 U	1.56	
75-01-4	VINYL CHLORIDE	NS	8.4 U	59.56	43.3	74.64 U	1.6 U	78	2.0 U	2.0 U	0.511 U	2.0 UJ	2.0 U	0.511 U	
XYLENES	XYLENES, TOTAL	NS					46 U	120	30 U	2.4 NJ	2.6 U	30 UJ	30 U	2.6 U	
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS						24 NJ	48 N	0		33 N	0		

Notes:

¹ Standards from Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH October 2006, with revisions.
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.
Blank space indicates compound not reported and/or data not available.

TABLE 7A
Summary of Sub-Slab Soil Gas Analytical Results: 2008 to 2024
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Stnds ¹	Former Johnny on the Spot Cleaners			Former Bank							
Medium			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	Sub-Slab Vapor	
Laboratory ID			200-62822-16	200-67137-13	L2408362-11	SG-4	SG-4	SG-4	200-37771-12	SG-4	200-63226-1	200-67137-10	L2408362-07
Sample ID			VMP-4R	VMP-4R	VMP-4R								
Collection Date			03/30/22	03/02/23	02/14/24	06/19/13	07/11/13	10/16/13	03/11/17	02/21/18	04/29/22	03/02/23	02/14/24
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	11 U	11 U	1.09 U				1.1 U		11 U	11 U	1.09 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	14 U	14 U	1.37 U				1.4 U		14 U	14 U	1.37 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS	15 U	15 U	1.53 U				1.5 U		15 U	15 U	1.53 U
75-35-4	1,1-DICHLOROETHENE	NS	1.4 U	1.4 U	0.793 U				0.79 U	Water being drawn up through tubing into Summa Canister.	1.4 U	1.4 U	0.793 U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	9.8 U	9.8 U	0.983 U	195.17	15.1	1.47	5.2		4.0 NJ	9.8 U	1.31
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	9.8 U	9.8 U	0.983 U	34.41	3.1	2.46 U	1.4		9.8 U	9.8 U	0.983 U
106-99-0	1,3-BUTADIENE	NS	4.4 U	4.4 U	0.442 U				0.44 U		4.4 U	4.4 U	0.442 U
541-73-1	1,3-DICHLOROBENZENE	NS	12 U	12 U	1.20 U				6.0		12 U	12 U	1.20 U
106-47-7	1,4-DICHLOROBENZENE	NS	12 U	12 U	1.20 U				1.2 U			12 U	3.34
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	9.3 U	9.3 U	0.934 U				6.3		9.3 U	9.3 U	0.934 U
622-96-8	4-ETHYLTOLUENE	NS	9.8 U	9.8 U	0.983 U	70.79	2.7	2.46 U	1.6	Sample canceled.	9.8 U	9.8 U	0.983 U
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS	11 U	11 U	NT				1.1 U		11 U	11 U	NT
67-64-1	ACETONE	NS	120 NJ	120 U	14.9	11.88 U	5.00 U	30.18	18		930	120 U	349
71-43-2	BENZENE	NS	6.4 U	6.4 U	0.639 U	15.95 U	5.00 U	0.77	3.8		6.4 U	2.3 NJ	0.926
106-97-8	BUTANE	NS	12 U	12 U	NT				9.6		19	12 U	NT
75-15-0	CARBON DISULFIDE	NS	16 U	16 U	0.629	15.56 U	5.00 U	1.56 U	1.6 U		16 U	16 U	19.0
56-23-5	CARBON TETRACHLORIDE	NS	2.2 U	2.2 U	1.26 U	31.45 U	5.00 U	3.15 U	0.29		2.2 U	2.2 U	1.26 U
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	18 U	18 U	NT				1.8 U		18 U	18 U	NT
108-90-7	CHLOROBENZENE	NS	9.2 U	9.2 U	0.921 U	23.03 U	5.00 U	2.3 U	0.92 U			9.2 U	0.921 U
67-66-3	CHLOROFORM	NS	9.8 U	9.8 U	0.977 U	24.34 U	5.00 U	2.43 U	5.7		9.8 U	9.8 U	1.19
74-87-3	CHLOROMETHANE	NS	10 U	10 U	0.413 U	10.33 U	5.00 U	1.05	1.0 U		10 U	10 U	0.537
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	1.5 NJ	2.0 U	0.793 U	19.83 U	5.00 U	1.98 U	0.79 U		2 U	2.0 U	0.793 U
110-82-7	CYCLOHEXANE	NS	6.9 U	6.9 U	0.688 U	17.21 U	5.00 U	1.72 U	2.8		2.7 NJ	6.9 U	0.688 U
75-71-8	DICHLORODIFLUOROMETHANE	NS	25 U	25 U	3.13				5.7		6.1 NJ	25 U	2.90
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	16 U	16 U	NT				1.6 U		16 U	16 U	NT
64-17-5	ETHANOL	NS	NT	NT	9.42 U				NT				15.2
100-41-4	ETHYLBENZENE	NS	8.7 U	2.5 NJ	0.869 U	61.13	5.00 U	1.04	4.5		8.7 U	2.6 NJ	1.46
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	120 U	120 U	21.2	12.27 U	5.00 U	53.5	28		320	120 U	1140
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	9.8 U	9.8 U	NT	24.58 U	5.00 U	2.46 U	NT		9.8 U	9.8 U	NT
179601-23-1	M,P-XYLENES	NS	22 U	22 U	1.74 U	327.75	10.0	4.81	15		22 U	22 U	3.13
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	15 J	15 U	1.47 U	14.74 U	5.00 U	3.69	4.6		10 NJ	15 U	6.13
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS	7.2 U	7.2 U	0.721 U				0.72 U		7.2 U	7.2 U	0.721 U
75-09-2	METHYLENE CHLORIDE	NS	17 U	17 U	12.9	17.36 U	5.00 U	1.74 U	1.7 U		17 U	14 NJ	1.74 U
91-20-3	NAPHTHALENE	NS	26 UJ	26 U	NT	28.79	2.6	2.62 U	2.6 UJ		26 UJ	26 U	NT
142-82-5	N-HEPTANE	NS	8.2 U	8.2 U	0.82 U	20.49 U	5.00 U	2.05 U	3.9		8.2 U	8.2 U	0.82 U
110-54-3	N-HEXANE	NS	18 U	5.4 NJ	0.705 U	80.03	5.00	7.19	8.5		18 U	6.6 NJ	0.705 U
103-65-1	N-PROPYLBENZENE	NS	9.8 U	9.8 U	NT				0.98 U		9.8 U	9.8 U	NT
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	8.7 U	2.5 NJ	0.869 U	84.54	5.00 U	1.56	5.0		8.7 U	3.0 J	1.22
100-42-5	STYRENE	NS	8.5 U	8.5 U	0.852 U	21.27 U	5.00 U	2.13 U	0.85 U		8.5 U	8.5 U	0.852 U
75-65-0	TERT-BUTYL ALCOHOL	NS	150 U	150 U	1.73				15 U		180	150 U	4.18
109-99-9	TETRAHYDOFURAN	NS	150 U	150 U	1.47 U	14.74 U	5.00 U	1.47 U	15 U			150 U	1.47 U
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	380	150	111	2909.13	399	435.35	72		6.2 NJ	14 U	6.04
108-88-3	TOLUENE	NS	7.5 U	2.4 NJ	0.754 U	156.16	5.00 U	4.67	23		5.8 NJ	7.2 NJ	2.65
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	7.9 U	7.9 U	0.793 U				0.72 U		7.9 U	7.9 U	0.793 U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	3.9	1.6 NJ	1.15	54.82	9.1	7.42	6.8		1.9 U	1.9 U	1.07 U
75-69-4	TRICHLOROFLUOROMETHANE	NS	11 U	11 U	1.63	28.1 U	5.00 U	2.81 U	1.2		11 U	11 U	1.55
75-01-4	VINYL CHLORIDE	NS	2.0 U	2.0 U	0.511 U	12.78 U	5.00 U	1.28 U	0.1 U		2.0 U	2.0 U	0.511 U
XYLENES	XYLENES, TOTAL	NS	30 U	2.5 NJ	2.6 U				20		30 U	3.0 NJ	4.35
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	33 N	0					3.7 NJ		68 N	34 N	

Notes:

¹ Standards from Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH October 2006, with revisions.
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
Blank space indicates compound not reported and/or data not available.

TABLE 7A
Summary of Sub-Slab Soil Gas Analytical Results: 2008 to 2024
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Stnds ¹	Former Bank																			
Medium			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		Sub-Slab Vapor	
Laboratory ID			200-37771-13		200-342355-7		200-62822-10		200-67137-9		L2408362-10		200-37771-14		200-42355-6		200-62822-8		SG-6A		SG-6A	
Sample ID			SG-6		SG-6		SG-6		SG-6		SG-6		SG-6A		SG-6A		SG-6A		SG-6A		SG-6A	
Collection Date			03/10/17		02/21/18		03/30/22		03/02/23		02/14/24		03/10/17		02/21/18		03/30/22		03/02/23		02/14/24	
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	11	U	11	U	5.46	U	1.1	U	11	U	11	U	Not Sampled	Not Sampled		
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	1.4	U	14	U	14	U	14	U	6.87	U	1.4	U	14	U	14	U				
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS	1.5	U	15	U	15	U	15	U	7.66	U	1.5	U	15	U	15	U				
75-35-4	1,1-DICHLOROETHENE	NS	0.79	U	1.4	U	1.4	U	1.4	U	3.96	U	0.79	U	1.4	U	1.4	U				
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	4.8		78		9.8	U	9.8	U	4.92	U	6.0		75		9.8	U				
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	1.3		29		9.8	U	9.8	U	4.92	U	1.6		29		9.8	U				
106-99-0	1,3-BUTADIENE	NS	0.44	U	4.4	U	4.4	U	4.4	U	2.21	U	0.44	U	4.4	U	4.4	U				
541-73-1	1,3-DICHLOROBENZENE	NS	5.9		12	U	12	U	12	U	6.01	U	5.6		12	U	12	U				
106-47-7	1,4-DICHLOROBENZENE	NS	1.2	U	12	U	12	U	12	U	6.01	U	1.2	U	12	U	12	U				
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	6.2		78		9.3	U	9.3	U	4.67	U	6.4		76		9.3	U				
622-96-8	4-ETHYLTOLUENE	NS	1.5		21		9.8	U	9.8	U	4.92	U	1.9		22		9.8	U				
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS	1.1	U	11	U	11	U	11	U	NT		1.1	U	11	U	11	U				
67-64-1	ACETONE	NS	190	J	120	U	120	U	43	NJ	934		21		120	U	120	U				
71-43-2	BENZENE	NS	4.9	J	6.4	U	6.4	U	1.8	NJ	3.19	U	3.5		6.4	U	6.4	U				
106-97-8	BUTANE	NS	36		18		12	U	12	U	NT		9.8		18		12	U				
75-15-0	CARBON DISULFIDE	NS	58		16	U	16	U	16	U	3.11	U	1.6	U	16	U	16	U				
56-23-5	CARBON TETRACHLORIDE	NS	0.30		2.2	U	2.2	U	2.2	U	6.29	U	0.33		2.2	U	2.2	U				
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	1.8	U	18	U	18	U	5.3	NJ	NT		1.8	U	18	U	18	U				
108-90-7	CHLOROBENZENE	NS	0.92	U	9.2	U	9.2	U	9.2	U	4.61	U	0.92	U	9.2	U	9.2	U				
67-66-3	CHLOROFORM	NS	8.3		9.8	U	9.8	U	9.8	U	4.88	U	0.98	U	9.8	U	9.8	U				
74-87-3	CHLOROMETHANE	NS	2.9		10	U	10	U	10	U	2.07	U	1.0	U	10	U	10	U				
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	0.79	U	1.4	U	2	U	2.0	U	3.96	U	0.79	U	1.4	U	2	U				
110-82-7	CYCLOHEXANE	NS	4.1		11		6.9	U	6.9	U	6.71		2.3		9.3		6.9	U				
75-71-8	DICHLORODIFLUOROMETHANE	NS	100		48		20	NJ	25	U	4.94	U	84		25	U	750					
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	1.6	U	16	U	16	U	16	U	NT		1.6	U	16	U	16	U				
64-17-5	ETHANOL	NS	NT		NT		NT		NT		73.1		NT		NT		NT					
100-41-4	ETHYLBENZENE	NS	4.5		49		8.7	U	3.1	NJ	4.34	U	5.0		51		8.7	U				
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	45		120	U	120	U	120	U	6120		25		25	U	120	U				
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NT		9.8	U	9.8	U	9.8	U	NT		NT		9.8	U	9.8	U				
179601-23-1	M,P-XYLENES	NS	15		150		15	U	15	U	8.69	U	17		160		22	U				
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	13		15	U	15	U	15	U	7.37	U	5.2		15	U	15	U				
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS	0.72	U	7.2	U	7.2	U	7.2	U	3.61	U	0.72	U	7.2	U	7.2	U				
75-09-2	METHYLENE CHLORIDE	NS	1.7	U	17	U	17	U	8.1	NJ	8.69	U	1.7	U	17	U	17	U				
91-20-3	NAPHTHALENE	NS	2.6	UJ	26	U	26	UJ	26	U	NT		2.6	UJ	26	U	26	U				
142-82-5	N-HEPTANE	NS	7.0		25.0		8.2	U	8.2	U	4.1	U	3.9		24		8.2	U				
110-54-3	N-HEXANE	NS	24		12		18	U	4.4	NJ	3.52	U	7.7		7.7		18	U				
103-65-1	N-PROPYLBENZENE	NS	0.98	U	19		9.8	U	9.8	U	NT		1.1		19		9.8	U				
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	5.0		86		4.9	NJ	3.6	NJ	4.34	U	5.9		89		8.7	U				
100-42-5	STYRENE	NS	0.85	U	8.5	U	8.5	U	8.5	U	4.26	U	0.85	U	8.5	U	8.5	U				
75-65-0	TERT-BUTYL ALCOHOL	NS	15	U	150	U	150	U	150	U	7.58	U	15	U	150	U	150	U				
109-99-9	TETRAHYDOFURAN	NS	15	U	150	U	150	U	150	U	7.37	U	15	U	150	U	150	U				
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	5.7		86		3.8	NJ	4.2	NJ	33.6		2.7		87		14	U				
108-88-3	TOLUENE	NS	24		63		7.5	U	4.6	NJ	3.77	U	23		64		7.5	U				
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	0.79	U	7.9	U	7.9	U	7.9	U	3.96	U	0.79	U	7.9	U	7.9	U				
79-01-6	TRICHLOROETHYLENE (TCE)	NS	0.49		4.6		1.9	U	1.9	U	5.37	U	0.21	U	1.9	U	1.9	U				
75-69-4	TRICHLOROFLUOROMETHANE	NS	7.8		11	U	11	U	11	U	5.62	U	3.5		11	U	11	U				
75-01-4	VINYL CHLORIDE	NS	0.10		3.8		2.0	U	2.0	U	2.56	U	0.1	U	0.89	U	2.0	U				
XYLENES	XYLENES, TOTAL	NS	20		240		20	NJ	3.6	NJ	13	U	23		250		30	U				
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	14	NJ	44	NJ	13	N	16	N			3.3	NJ	24	NJ						

Notes:

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TABLE 7A
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152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Stnds ¹	Former Bank																	
Medium			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			200-62822-7		SG-9		SG-9		200-62822-9		SG-10		SG-10		200-62822-11		200-67137-11		L2408362-9	
Sample ID			SG-9		SG-9		SG-9		SG-10		SG-10		SG-10		SG-11		SG-11		SG-11	
Collection Date			03/30/22		03/02/23		02/14/24		03/30/22		03/02/23		02/14/24		03/30/22		03/02/23		02/14/24	
Units		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	11	U	Not Sampled	Not Sampled	11	U	Not Sampled	Not Sampled	11	U	11	U	11	U	1.09	U		
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	14	U			14	U			14	U	14	U	14	U	1.37	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	1.53	U		
75-35-4	1,1-DICHLOROETHENE	NS	1.4	U			1.4	U			1.4	U	1.4	U	1.4	U	0.793	U		
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	9.8	U			9.8	UJ			9.8	U	9.8	U	9.8	U	1.08			
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	9.8	U			9.8	U			9.8	U	9.8	U	9.8	U	0.983	U		
106-99-0	1,3-BUTADIENE	NS	4.4	U			4.4	U			4.4	U	4.4	U	4.4	U	0.442	U		
541-73-1	1,3-DICHLOROBENZENE	NS	12	U			12	U			12	U	12	U	12	U	1.2	U		
106-47-7	1,4-DICHLOROBENZENE	NS	12	U			12	U			12	U	12	U	12	U	1.2	U		
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	9.3	U			9.3	U			9.3	U	9.3	U	9.3	U	0.934	U		
622-96-8	4-ETHYLTOLUENE	NS	9.8	U			9.8	U			9.8	U	9.8	U	9.8	U	0.983	U		
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS	11	U			11	U			11	U	11	U	11	U	NT			
67-64-1	ACETONE	NS	120	U			47	NJ			120	NJ	120	U	120	U	93.6			
71-43-2	BENZENE	NS	6.4	U			6.4	U			6.4	U	1.4	NJ	1.4	NJ	0.639	U		
106-97-8	BUTANE	NS	12	U			12	U			12	U	12	U	12	U	NT			
75-15-0	CARBON DISULFIDE	NS	16	U			16	U			16	U	61		61		2.09			
56-23-5	CARBON TETRACHLORIDE	NS	2.2	U			2.2	U			2.2	U	2.2	U	2.2	U	1.26	U		
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	4.4	NJ			4.7	NJ			4.1	NJ	18	U	18	U	NT			
108-90-7	CHLOROBENZENE	NS	9.2	U			9.2	U			9.2	U	9.2	U	9.2	U	0.921	U		
67-66-3	CHLOROFORM	NS	9.8	U			9.8	U			9.8	U	9.8	U	9.8	U	0.977	U		
74-87-3	CHLOROMETHANE	NS	10	U			10	U			10	U	10	U	10	U	0.413	U		
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	2	U			2	U			2	U	2.0	U	2.0	U	0.793	U		
110-82-7	CYCLOHEXANE	NS	6.9	U			6.9	U			6.9	U	6.9	U	6.9	U	0.688	U		
75-71-8	DICHLORODIFLUOROMETHANE	NS	19	NJ			29				110		25	U	25	U	59.8			
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	16	U			16	U			16	U	16	U	16	U	NT			
64-17-5	ETHANOL	NS	NT				NT				NT		NT		NT		12.6			
100-41-4	ETHYLBENZENE	NS	8.7	U			7.6	NJ			8.7	U	2.7	NJ	2.7	NJ	1.01			
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	120	U			120	U			120	U	120	U	120	U	122			
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	9.8	U			9.8	U			9.8	U	9.8	U	9.8	U	NT			
179601-23-1	M,P-XYLENES	NS	22	U			30				14	NJ	22	U	22	U	1.95			
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	15	U			15	U			15	U	15	U	15	U	3.36			
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS	7.2	U			7.2	U			7.2	U	7.2	U	7.2	U	0.721	U		
75-09-2	METHYLENE CHLORIDE	NS	17	U			17	U			17	U	17	U	17	U	1.74	U		
91-20-3	NAPHTHALENE	NS	26	U			26	UJ			26	UJ	26	U	26	U	NT			
142-82-5	N-HEPTANE	NS	8.2	U			8.2	U			8.2	U	8.2	U	8.2	U	0.820	U		
110-54-3	N-HEXANE	NS	18	U			18	U			18	U	18	U	18	U	0.705	U		
103-65-1	N-PROPYLBENZENE	NS	9.8	U			9.8	U			9.8	U	9.8	U	9.8	U	NT			
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	8.7	U			7.5	NJ			4.5	NJ	2.4	NJ	2.4	NJ	0.869	U		
100-42-5	STYRENE	NS	8.5	U			8.5	U			8.5	U	8.5	U	8.5	U	0.852	U		
75-65-0	TERT-BUTYL ALCOHOL	NS	150	U			150	U			150	U	150	U	150	U	3.52			
109-99-9	TETRAHYDOFURAN	NS	150	U			150	U			150	U	150	U	150	U	1.47	U		
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	14	U			14	U			14	U	12	NJ	12	NJ	1.44			
108-88-3	TOLUENE	NS	7.5	U			7.5	U			7.5	U	3.9	J	3.9	J	1.61			
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	7.9	U			7.9	U			7.9	U	7.9	U	7.9	U	0.793	U		
79-01-6	TRICHLOROETHYLENE (TCE)	NS	1.9	U			1.6	NJ			1.9	U	1.9	U	1.9	U	1.07	U		
75-69-4	TRICHLOROFLUOROMETHANE	NS	11	U			11	U			11	U	11	U	11	U	3.10			
75-01-4	VINYL CHLORIDE	NS	2.0	U			2.0	U			2.0	U	2.0	U	2.0	U	0.511	U		
XYLENES	XYLENES, TOTAL	NS	30	U			38				19	NJ	2.4	NJ	2.4	NJ	1.95			
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS									13		0		0					

Notes:

¹ Standards from Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH October 2006, with revisions.
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.
Blank space indicates compound not reported and/or data not available.

TABLE 7A
Summary of Sub-Slab Soil Gas Analytical Results: 2008 to 2024
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Stnds ¹					Cascarinos		JD Optician		Parking Lot												
Medium			Sub-Slab Vapor		Sub-Slab Vapor		Sub-Slab Vapor		Sub-Slab Vapor		Soil Gas		Soil Gas		Soil Gas		Soil Gas		Soil Gas				
Laboratory ID			200-62822-12		200-67137-7		L2408362-8		200-37771-9		200-37771-15		SG-2		SG-3		200-37771-10		200-37771-8		200-37771-7		
Sample ID			SG-12		SG-12		SG-12		SG-8		SG-7		SG-2		SG-3		SGP-1		SGP-2		SGP-3		
Collection Date			03/30/22		03/02/23		02/14/24		03/10/17		03/10/17		08/26/08		08/26/08		03/09/17		03/09/17		03/09/17		
Units		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		Q		Q		ug/m3		ug/m3		ug/m3	
CAS Number	Chemical Name																						
71-55-6	1,1,1-TRICHLOROETHANE	NS	11	U	11	U	1.09	U	1.9	U	1.1	U	1.5		1.8		2.7	UJ	1.1	U	17	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	14	U	14	U	1.37	U	2.4	U	1.4	U	4.3		10		3.4	UJ	1.4	U	22	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS	15	U	15	U	1.53	U															
75-35-4	1,1-DICHLOROETHENE	NS	1.4	U	1.4	U	0.793	U	1.4	U	0.79	U	0.79	U	0.79	U	2.0	UJ	0.79	U	13	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	9.8	U	9.8	U	0.983	U	1.7	U	0.98	U					2.4	UJ	2.6		16	U	
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	9.8	U	9.8	U	0.983	U	1.7	U	0.98	U	0.98	U	0.98		2.4	UJ	1.0		16	U	
106-99-0	1,3-BUTADIENE	NS	4.4	U	4.4	U	0.442	U	0.77	U	0.44	U	3.3		5.8		1.1	UJ	0.44	U	7.1	U	
541-73-1	1,3-DICHLOROBENZENE		12	U	12	U	1.2	U	2.1	U	1.2	U					3.0	UJ	1.4		19	U	
106-47-7	1,4-DICHLOROBENZENE	NS			12	U	1.2	U															
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	9.3	U	9.3	U	0.934	U	1.7		0.96		4.2		12		5.5	J	2.8		15	U	
622-96-8	4-ETHYLTOLUENE	NS	9.8	U	9.8	U	0.983	U	1.7	U	0.98	U	1.3		1.7		2.4	UJ	0.98		16	U	
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS	11	U	11	U	NT																
67-64-1	ACETONE	NS	120	U	120	U	232		26		18						29	UJ	110	J	190	U	
71-43-2	BENZENE	NS	6.4	U	6.4	U	0.639	U	2.0		0.94		83		0.79	U	3.3	J	2.5	J	11		
106-97-8	BUTANE	NS	12	U	12	U	NT		12		4.7						17	J	4.1		35		
75-15-0	CARBON DISULFIDE	NS	16	U	16	U	7.04		2.7	U	1.6	U					3.9	UJ	55		25	U	
56-23-5	CARBON TETRACHLORIDE	NS	2.2	U	2.2	U	1.26	U	0.44	U	0.32		3.2		1.7		0.62	UJ	0.32	J	4	U	
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	3.9	NJ	18	U	NT		3.1	U	1.8	U					4.4	UJ	1.8	U	28	U	
108-90-7	CHLOROBENZENE	NS			9.2	U	0.921	U															
67-66-3	CHLOROFORM	NS	9.8	U	9.8	U	0.977	U	14		0.98	U	1.1	U	1.1	U	73	J	87		16	U	
74-87-3	CHLOROMETHANE	NS	10	U	10	U	0.450		1.8	U	1.0	U	1.3	U	1.3	U	2.6	UJ	1.0	U	17	U	
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	2	U	2.0	U	0.793	U	1.4	U	0.79	U	0.98	U	0.98	U	2	UJ	0.79	U	13	U	
110-82-7	CYCLOHEXANE	NS	6.9	U	6.9	U	0.688	U	1.7		0.69	U	1.3	U	1.3	U	2.8	J	0.73		13		
75-71-8	DICHLORODIFLUOROMETHANE	NS	21	NJ	25	U	2.49		4.3	U	2.5	U	2.6		16		6.1	UJ	2.5	U	40	U	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	16	U	16	U	NT		2.8	U	1.6	U	79		0.79	U	3.9	UJ	1.6	U	25	U	
64-17-5	ETHANOL	NS					36.7																
100-41-4	ETHYLBENZENE	NS	8.7	U	2.5	NJ	0.869	U	1.5	U	0.87	U	1.3		2.7		2.2	UJ	5.0		14	U	
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	120	U	120	U	570		21	U	12	U					30	UJ	12	U	200	U	
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	9.8	U	9.8	U	NT																
179601-23-1	M,P-XYLENES	NS	22	U	22	U	1.74	U	3.8	U	2.2		3.2		7.4		5.4	UJ	17		35	U	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	15	U	15	U	2.65		4.8		3.9						4.6	J	21		24	U	
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS	7.2	U	7.2	U	0.721	U					1.8	U	1.8	U							
75-09-2	METHYLENE CHLORIDE	NS	17	U	17	U	1.74	U	3	U	1.7	U	1.7	U	1.7	U	4.3	U	3.3		28	U	
91-20-3	NAPHTHALENE	NS	26	UJ	26	U	NT		4.6	U	2.6	UJ					6.5	UJ	2.6	UJ	42	U	
142-82-5	N-HEPTANE	NS	8.2	U	8.2	U	0.82	U	2.5		1.3		3.4		11		3.3	J	6.4		13	U	
110-54-3	N-HEXANE	NS	18	U	18	U	0.705	U	5.3		2.1		4.2		9.5		13	J	5.1		11	U	
103-65-1	N-PROPYLBENZENE	NS	9.8	U	9.8	U	NT		1.7	U	0.98	U					2.4	UJ	0.98	U	16	U	
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	8.7	U	2.6	NJ	0.869	U	1.5	U	0.87	U	1.2		3.1		2.2	UJ	4.8		14	U	
100-42-5	STYRENE	NS	8.5	U	8.5	U	0.852	U															
75-65-0	TERT-BUTYL ALCOHOL	NS	150	U	150	U	1.63	J															
109-99-9	TETRAHYDOFURAN	NS			150	U	1.47	U															
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	14	U	14	U	1.36	U	2.4	U	2.0		30		9.5		3.4	UJ	1.4	U	2600		
108-88-3	TOLUENE	NS	7.5	U	2.3	NJ	1.47		7.5		3.9		8.3		20		7.9	J	13		12	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	7.9	U	7.9	U	0.793	U	1.4	U	0.79	U	2.8				2	UJ	0.79	U	13	U	
79-01-6	TRICHLOROETHYLENE (TCE)	NS	1.9	U	1.9	U	1.07	U	0.37	U	0.21	U	19		1.1	U	0.74	J	0.21	U	3.4	U	
75-69-4	TRICHLOROFLUOROMETHANE	NS	11	U	11	U	1.33	J	2	U	1.2		3.1		4.1		2.8	UJ	7.7		18	U	
75-01-4	VINYL CHLORIDE	NS	2.0	U	2.0	U	0.511	U	0.18	U	0.1	U	46		0.51	U	0.25	UJ	0.14		1.6	U	
XYLENES	XYLENES, TOTAL	NS	30	U	2.6	NJ	2.6	U	5.3	U	3	U					7.5	UJ	21		49	UJ	
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	13	N	0				16	J	1.4	NJ							2.4	NJ			

Notes:

¹ Standards from Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH October 2006, with revisions.
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Blank values indicate concentrations below laboratory method detection limits
ug/m3 = micrograms per cubic meter
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Validator Qualifiers

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TABLE 7A
Summary of Sub-Slab Soil Gas Analytical Results: 2008 to 2024
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Stnds ¹	Side Walks		
Medium			Soil Vapor	Soil Vapor	Soil Vapor
Laboratory ID			SB71726-01	SB71726-02	SB73048-04
Sample ID			SGP-5	SGP-6	SGP-6
Collection Date			6/17/2013	6/17/2013	7/11/2013
Units			ug/m3	ug/m3	ug/m3
CAS Number	Chemical Name				
71-55-6	1,1,1-TRICHLOROETHANE	NS			
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS			
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON TF)	NS			
75-35-4	1,1-DICHLOROETHENE	NS			
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	0.81	0.37	0.16
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	0.500 U	0.500 U	0.13
106-99-0	1,3-BUTADIENE	NS			
541-73-1	1,3-DICHLOROBENZENE	NS			
106-47-7	1,4-DICHLOROBENZENE	NS			
540-84-1	2,2,4-TRIMETHYLPENTANE	NS			
622-96-8	4-ETHYLTOLUENE	NS	0.500 U	0.26	0.14
99-87-6	4-ISOPROPYLTOLUENE (CYMENE)	NS			
67-64-1	ACETONE	NS	9.82	12.5	11.05
71-43-2	BENZENE	NS	0.22	0.44	0.26
106-97-8	BUTANE	NS			
75-15-0	CARBON DISULFIDE	NS	0.500 U	0.500 U	0.2
56-23-5	CARBON TETRACHLORIDE	NS	0.500 U	0.500 U	0.08
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS			
108-90-7	CHLOROBENZENE	NS	0.500 U	0.37	0.100 U
67-66-3	CHLOROFORM	NS	0.500 U	0.500 U	0.05
74-87-3	CHLOROMETHANE	NS	0.65	0.76	0.55
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	0.500 U	0.500 U	0.100 U
110-82-7	CYCLOHEXANE	NS	0.500 U	0.500 U	0.1
75-71-8	DICHLORODIFLUOROMETHANE	NS			
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS			
64-17-5	ETHANOL	NS			
100-41-4	ETHYLBENZENE	NS	0.500 U	0.24	0.17
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	0.500 U	2.02	0.97
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	0.500 U	0.500 U	0.1
179601-23-1	M,P-XYLENES	NS	0.78	1.01	0.4
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	0.500 U	0.500 U	1.34
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS			
75-09-2	METHYLENE CHLORIDE	NS	1.72	1.09	0.14
91-20-3	NAPHTHALENE	NS	0.77	0.500 U	0.100 U
142-82-5	N-HEPTANE	NS	0.500 U	0.500 U	0.100 U
110-54-3	N-HEXANE	NS	0.99	1.22	0.5
103-65-1	N-PROPYLBENZENE	NS			
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	0.500 U	0.4	0.16
100-42-5	STYRENE	NS	0.500 U	0.500 U	0.14
75-65-0	TERT-BUTYL ALCOHOL	NS			
109-99-9	TETRAHYDOFURAN	NS	0.500 U	0.500 U	0.100 U
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	0.29	0.35	0.16
108-88-3	TOLUENE	NS	1.15	1.8	0.65
156-60-5	TRANS-1,2-DICHLOROETHENE	NS			
79-01-6	TRICHLOROETHYLENE (TCE)	NS	0.500 U	0.500 U	0.100 U
75-69-4	TRICHLOROFLUOROMETHANE	NS	0.500 U	0.500 U	0.25
75-01-4	VINYL CHLORIDE	NS	0.500 U	0.500 U	0.100 U
XYLENES	XYLENES, TOTAL	NS			
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS			

Notes:

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TABLE 7B
Summary of Indoor Air Analytical Results: 2008 to 2024
Former Johnny on the Spot Cleaners
152 10th Avenue, Whitestone, NY

Sample Location			NYSDOH Stnds 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	Indoor Air	Indoor Air	Indoor Air			
Laboratory ID																			
Sample ID																			
Collection Date																			
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	ug/m3	ug/m3	ug/m3			
CAS Number	Chemical Name																		
71-55-6	1,1,1-TRICHLOROETHANE	NS	NS	0.22 U			1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.109 U		1.1 U	1.1 U			
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	0.27 U			1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.37 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	0.42 NJ	1.53 U	Not Yet Established	1.5 U	0.50 J			
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.16 U			0.79 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.079 U		0.14 U	0.14 U			
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS		12.29 U	2.46 U	0.98 U	0.98 U	0.71 J	0.63 NJ	0.98 U	0.63 NJ	0.983 U		0.98 U	0.98 U			
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	1.9	12.29 U	2.46 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.983 U		0.98 U	0.98 U			
106-99-0	1,3-BUTADIENE	NS	NS	0.18 U			0.44 U	0.44 U	0.34 J	0.44 U	0.44 U	0.44 U	0.442 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	1.20 U		1.2 U	1.2 U			
106-46-7	1,4-DICHLOROBENZENE	NS	NS				1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.20 U		1.2 U	1.2 U			
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	1.3			0.93 U	1.2	0.83 J	0.93 U	0.93 U	0.26 NJ	0.934 U		1.1	0.56 J			
622-96-8	4-ETHYLTOLUENE	NS	NS		12.29 U	2.46 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.983 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	NT		1.1 U	1.1 U			
107-05-1	ACETONE	NS	NS		15.45	18.58	12 U	12 U	12 U	14	7.4 NJ	12 NJ	5.65		12 U	12 U			
100-44-7	BENZENE	NS	NS	0.54	7.98 U	0.64	0.64 U	0.76	2.2	0.60 NJ	0.25 NJ	0.74	0.639 U		0.73	0.99			
75-15-0	BUTANE	NS	NS				1.4	7.5	6.2	2.9	18	20	NT		6.9	3.4			
56-23-5	CARBON DISULFIDE	NS	NS		7.98 U	5.04	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.623 U		1.6 U	1.6 U			
108-90-7	CARBON TETRACHLORIDE	NS	NS	0.44	15.73 U	3.15 U	0.39	0.44	0.37	0.41	0.31	0.26	0.484		0.46	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	2.0	NT		1.8 U	0.99 J			
108-90-7	CHLOROBENZENE	NS	NS		11.51 U	2.3 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.921 U		0.92 U	0.92 U			
74-87-3	CHLOROFORM	NS	NS	0.78	12.17 U	2.43 U	0.98 U	0.98 U	0.98 U	1.3	0.98 U	0.98 U	0.977 U		0.98 U	0.98 U			
156-59-2	CHLOROMETHANE	NS	NS	0.21 U	5.16 U	1.03 U	1.0 U	1.1	1.0 J	1.3	1.3	1.1	1.17		1.1	1.2			
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.44	9.91 U	1.98 U	0.79 U	0.14 U	0.20 U	0.20 U	0.20 U	0.20 U	0.079 U		0.14 U	0.20 U			
99-87-6	CYCLOHEXANE	NS	NS	0.29	8.61 U	1.72 U	0.69 U	0.69 U	0.31 J	0.69 U	0.69 U	0.69 U	0.688 U		0.69 U	0.69 U			
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	2.4			2.5 U	2.5 U	2.2 J	2.9	2.2 NJ	2.2 NJ	2.37		2.5 U	2.1 J			
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	0.37			1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	NT		1.6 U	1.6 U			
64-17-5	ETHANOL	NS	NS				NT	NT	NT	NT	NT	NT	48.2		NT	NT			
100-41-4	ETHYLBENZENE	NS	NS	1.1	10.84 U	2.04	0.87 U	0.87 U	0.81 J	0.52 NJ	0.87 U	0.50 NJ	0.869 U		0.87 U	0.37 J			
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS		6.13 U	2.63	12 U	12 U	12 U	12 U	20	10 NJ	20.4		12 U	12 U			
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS		12.29 U	2.46 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	NT		0.98 U	0.98 U			
179601-23-1	M,P-XYLENES	NS	NS	3.7	21.68 U	7.28	2.2 U	2.2 U	2.2	0.94 NJ	2.2 U	0.93 NJ	1.74 U		2.2 U	0.86 J			
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS		7.37 U	1.47 U	1.5 U	1.8	1.5	20	1.5 U	1.5 U	1.47 U		1.5 U	1.5			
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	0.14 U			0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.721 U		0.72 U	0.72 U			
91-20-3	METHYLENE CHLORIDE	NS	60	2.8 U	8.68 U	1.74 U	1.7 U	1.7 U	1.7 U	0.84 NJ	1.7 U	0.91 NJ	3.61		1.7 U	1.7 U			
104-51-8	NAPHTHALENE	NS	NS		13.09 U	2.62 U	2.6 UJ	2.6 UJ	2.6 U	2.6 UJ	2.6 U	2.6 U	NT		2.6 UJ	6.5 *			
110-54-3	N-HEPTANE	NS	NS	0.98	10.25 U	2.05 U	0.82 U	0.82 U	0.56 J	1.1	0.82 U	0.75 NJ	0.820 U		0.82 U	0.82 U			
103-65-1	N-HEXANE	NS	NS	2.3	8.81 U	1.76	0.70 U	0.85	0.90	1.0 JB	1.8 U	0.70 NJ	0.705 U		0.87	0.70 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	NT		0.98 U	0.98 U			
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	1.7	10.84 U	1.91	0.87 U	0.87 U	0.69 J	0.45 NJ	0.87 U	0.53 NJ	0.869 U		0.87 U	0.87 U			
98-06-6	STYRENE	NS	NS		10.63 U	2.13 U	0.85 U	0.85 U	0.85 U	0.56 NJ	0.85 U	0.85 U	0.852 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	1.52 U		15 U	15 U			
109-99-9	TETRAHYDOFURAN	NS	NS		7.37 U	1.47 U	15 U	15 U	15 U	15 U	15 U	15 U	1.47 U		15 U	15 U			
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	160 E	166.14	467.9	3.6	2.1	0.74 J	1.3 NJ	0.20 NJ	0.43 NJ	0.136 U		6.0	0.54 J			
108-88-3	TOLUENE	NS	NS	4.5	9.41 U	2.41	0.87	2.2	3.7	1.7	0.75 U	1.6	0.754 U		2.1	1.9			
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	0.793 U		0.79 U	0.79 U			
79-01-6	TRICHLOROETHYLENE (TCE)	NS	2	0.59	13.44 U	2.69 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.107 U		0.19 U	0.19 U			
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.9	14.05 U	2.81 U	1.1 U	1.2	1.2	1.3	1.2	0.95 NJ	1.38		1.1	1.2			
75-01-4	VINYL CHLORIDE	NS	NS	0.2 U	6.39 U	1.28 U	0.1 U	0.089 U	0.20 U	0.20 U	0.20 U	0.20 U	0.051 U		0.089 U	0.20 U			
XYLENES	XYLENES, TOTAL	NS	NS				3 U	3.0 U	2.9 J	1.4 NJ	3.0 U	1.4 NJ	2.6 U		3.0 U	0.87 J			
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS					1.1 NJ			12 N	2.3 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 February 2024 revisions.
NS = No Standard
NT = Not Tested
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.
Blank space indicates compound not reported and/or data not available.

TABLE 7B
Summary of Indoor Air Analytical Results: 2008 to 2024
Former Johnny on the Spot Cleaners
152 10th Avenue, Whitestone, NY

Sample Location			NYSDOH Stnds ¹					Cleaner 2							Cleaner 3						
Medium Laboratory ID Sample ID Collection Date Units		Subsurface Vapors	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air						
				200-51061-5 Cleaner 2	200-62822-4 Cleaner 2	200-67137-4 Cleaner 2	L2408362-04 Cleaner 2		Cleaner 3	200-42355-5 Cleaner 3	200-47168-2 Cleaner 3	200-51061-6 Cleaner 3	200-62822-5 Cleaner 3	200-67137-5 Cleaner 3	L2408362-05 Cleaner 3						
				10/16/19	03/29/22	03/02/23	02/14/24	03/09/17	02/21/18	01/23/19	10/16/19	03/29/22	03/02/23	02/14/24							
		ug/m3	ug/m3	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	0.109 U		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.109 U						
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	1.4 U	1.4 U	1.4 U	1.37 U		1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.37 U						
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NS	NS	0.47 NJ	1.5 U	0.42 NJ	1.53 U	Not Yet Established	1.5 U	0.52 J	0.47 NJ	0.55 NJ	1.5 U	1.53 U							
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.14 U	0.14 U	0.14 U	0.079 U		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.079 U							
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	0.60 NJ	0.98 U	1.6	0.983 U		0.98 U	0.98 U	0.57 NJ	0.98 U	0.98 U	0.983 U							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	0.98 U	0.98 U	0.46 NJ	0.983 U		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.983 U							
106-99-0	1,3-BUTADIENE	NS	NS	0.44 U	0.44 U	0.44 U	0.442 U		0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.442 U						
541-73-1	1,3-DICHLOROBENZENE	NS	NS	1.2 U	1.2 U	1.2 U	1.20 U		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.20 U						
106-46-7	1,4-DICHLOROBENZENE	NS	NS	1.2 U	1.2 U	1.2 U	1.20 U		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.20 U						
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	0.93 U	0.93 U	0.93 U	0.934 U		1.1	0.49 J	0.93 U	0.93 U	0.93 U	0.93 U	0.934 U						
622-96-8	4-ETHYLTOLUENE	NS	NS	0.98 U	0.98 U	0.39 NJ	0.983 U		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.983 U						
67-64-1	4-ISOPROPYLTOLUENE (CYMENE)	NS	NS	1.1 U	1.1 U	0.47 NJ	NT		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NT						
107-05-1	ACETONE	NS	NS	18	21	13	21.0		12 U	6.4 J	21	17	16	18.2							
100-44-7	BENZENE	NS	NS	0.65	0.42 NJ	0.69	0.639 U		0.73	0.80	0.69	0.39 NJ	0.16 NJ	0.639 U							
75-15-0	BUTANE	NS	NS	3.2	48	23	NT		6.8	2.9	2.9	63	36	NT							
56-23-5	CARBON DISULFIDE	NS	NS	1.6 U	1.6 U	3.3	0.623 U		1.6 U	1.6 U	1.6 U	1.6 U	0.64 NJ	0.623 U							
108-90-7	CARBON TETRACHLORIDE	NS	NS	0.38	0.35	0.28	0.510		0.45	0.30	0.42	0.36	0.15 NJ	0.497							
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	1.5 NJ	0.98 NJ	3.4	NT		1.8 U	1.0 J	1.5 NJ	0.97 NJ	4.0	NT							
108-90-7	CHLOROBENZENE	NS	NS	0.92 U	0.92 U	0.41 NJ	0.921 U		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.921 U							
74-87-3	CHLOROFORM	NS	NS	0.98 U	0.98 U	0.98 U	0.977 U		0.98 U	0.98 U	0.98 U	0.26 NJ	0.98 U	0.977 U							
156-59-2	CHLOROMETHANE	NS	NS	1.5	1.4	1.0	1.22		1.1	1.1	1.5	1.4	1.1	1.23							
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.20 U	0.20 U	0.20 U	0.079 U		0.14 U	0.20 U	0.20 U	0.20 U	0.20 U	0.079 U							
99-87-6	CYCLOHEXANE	NS	NS	0.69 U	0.69 U	0.69 U	0.688 U		0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.688 U							
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	3.1	2.2 NJ	2.3 NJ	2.24		2.5 U	2.1 J	3.2	2.3 NJ	2.4 NJ	2.24							
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	1.6 U	1.6 U	1.6 U	NT		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	NT							
64-17-5	ETHANOL	NS	NS	NT	NT	NT	580		NT	NT	NT	NT	NT	693							
100-41-4	ETHYLBENZENE	NS	NS	0.44 NJ	0.87 U	0.61 NJ	0.869 U		0.87 U	0.87 U	0.46 NJ	0.87 U	0.24 NJ	0.869 U							
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	12 U	130 J	27	16.4		12 U	12 U	12 U	96	43	15.4							
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS	0.98 U	0.98 U	0.21 NJ	NT		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	NT							
179601-23-1	M,P-XYLENES	NS	NS	0.84 NJ	2.2 U	1.2 NJ	1.74 U		2.2 U	0.76 J	0.89 NJ	2.2 U	2.2 U	1.74 U							
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	1.6	1.4 NJ	1.6	1.47 U		1.5 U	1.6	1.7	1.0 NJ	1.7	1.47 U							
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	0.72 U	0.72 U	0.72 U	0.721 U		0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.721 U							
91-20-3	METHYLENE CHLORIDE	NS	60	0.78 NJ	0.82 NJ	1.2 NJ	1.74 U		1.7 U	1.7 U	0.84 NJ	0.60 NJ	1.5 NJ	1.74 U							
104-51-8	NAPHTHALENE	NS	NS	2.6 UJ	2.6 U	2.6 U	NT		2.6 UJ	2.6 U	2.6 UJ	2.6 U	2.6 U	NT							
110-54-3	N-HEPTANE	NS	NS	0.97	0.59 NJ	1.0	2.81 J		0.82 U	0.82 U	0.88	0.45 NJ	0.82 U	2.63							
103-65-1	N-HEXANE	NS	NS	0.92 JB	1.8 U	1.1 NJ	0.705 U		0.81	0.70 U	0.95 JB	1.8 U	1.8 U	0.705 U							
95-47-6	N-PROPYLBENZENE	NS	NS	0.98 U	0.98 U	0.38 J	NT		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	NT							
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	0.39 NJ	0.87 U	0.65 NJ	0.869 U		0.87 U	0.87 U	0.46 NJ	0.87 U	0.87 U	0.869 U							
98-06-6	STYRENE	NS	NS	0.85 U	0.85 U	0.85 U	0.852 U		0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.852 U							
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS	15 U	15 U	15 U	1.52 U		15 U	15 U	15 U	15 U	15 U	1.52 U							
109-99-9	TETRAHYDOFURAN	NS	NS	15 U	15 U	15 U	1.47 U		15 U	15 U	15 U	15 U	3.8 NJ	1.47 U							
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	1.4 U	0.21 NJ	0.19 NJ	0.136 U		7.0	0.55 J	0.21 NJ	1.4 U	1.4 U	0.136 U							
108-88-3	TOLUENE	NS	NS	1.4	0.44 NJ	1.5	0.754 U		2.1	1.5	1.6	0.42 NJ	0.75 U	0.754 U							
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	0.79 U	0.79 U	0.79 U	0.793 U		0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.793 U							
79-01-6	TRICHLOROETHYLENE (TCE)	NS	2	0.19 U	0.19 U	0.19 U	0.107 U		0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.107 U							
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.4	1.2	1.1 NJ	1.34		1.2	1.1	1.4	1.2	0.94 NJ	1.33							
75-01-4	VINYL CHLORIDE	NS	NS	0.20 U	0.20 U	0.20 U	0.051 U		0.089 U	0.20 U	0.20 U	0.20 U	0.20 U	0.051 U							
XYLENES	XYLENES, TOTAL	NS	NS	1.2 NJ	3.0 U	1.8 NJ	2.6 U		3.0 U	0.74 J	1.3 NJ	3.0 U	3.0 U	2.6 U							
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS		44 N	2.3 N						61 N	2.6 N								

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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.
Blank space indicates compound not reported and/or data not available.

TABLE 7B
Summary of Indoor Air Analytical Results: 2008 to 2024
Former Johnny on the Spot Cleaners
152 10th Avenue, Whitestone, NY

Sample Location			NYSDOH Stnds ¹	Bank-1												Bank-2		
Medium Laboratory ID Sample ID Collection Date Units		Subsurface Vapors	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air		
				SB71801-01 AA-1	SB78841-02 AA-1	200-37771-1 Bank 1	200-42355-1 Bank 1	200-47168-6 Bank 1	200-51061-1 Bank 1	200-62822-1 Bank 1	200-67137-2 Bank 1	L2408362-1 Bank 1	200-37771-2 Bank 2	200-42355-2 Bank 2	200-47168-5 Bank 2			
				6/18/2013	10/16/2013	03/09/17	02/21/18	01/23/19	10/16/19	03/29/22	03/02/23	02/14/24	03/09/17	02/21/18	01/23/19			
		ug/m3	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	0.109 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	1.37 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	0.54 NJ	0.44 NJ	1.5 U	0.43 NJ	1.53 U	1.5 U	1.5 U	0.50 J	0.50 J		
75-35-4	1,1-DICHLOROETHENE	NS	NS			0.79 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.079 U	0.79 U	0.14 U	0.14 U	0.14 U		
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	3.24	0.49 U	1.4	4.3	0.98 U	2.0	0.25 NJ	1.1 U	0.983 U	1.5	3.4	0.98 U	0.98 U		
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	4.92 U	0.49 U	0.98 U	1.4	0.98 U	0.68 NJ	0.98 U	0.25 NJ	0.983 U	0.98 U	1.1	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	0.24 NJ	0.44 U	0.442 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	1.20 U	1.2 U	1.2 U	1.2 U	1.2 U		
106-46-7	1,4-DICHLOROBENZENE	NS	NS			1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.82	1.2 U	1.2 U	1.2 U	1.2 U		
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS			0.93 U	1.1	0.42 NJ	0.66 NJ	0.21 NJ	0.22 NJ	0.934 U	0.93 U	1.0	0.45 J	0.45 J		
622-96-8	4-ETHYLTOLUENE	NS	NS	4.92 U	0.49 U	0.98 U	1.4	0.98 U	0.45 NJ	0.98 U	0.98 U	0.983 U	0.98 U	0.97	0.98 U	0.98 U		
67-64-1	4-ISOPROPYLTOLUENE (CYMENE)	NS	NS			1.1 U	1.1 U	0.54 NJ	1.1 U	1.1 U	1.1 U	NT	1.1 U	1.1 U	1.1 U	1.1 U		
107-05-1	ACETONE	NS	NS	29.94	28.28	12 U	23	33	16	30	22	61.8	12 U	17	26	26		
100-44-7	BENZENE	NS	NS	3.19 U	0.32 U	0.64 U	0.78	0.78	0.67	0.62 NJ	0.71	0.639 U	0.64 U	0.72	0.81	0.81		
75-15-0	BUTANE	NS	NS			1.2 U	6.1	3.0	3.7	9.4	2.8	NT	1.2 U	6.1	3.0	3.0		
56-23-5	CARBON DISULFIDE	NS	NS	3.11 U	0.22	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.623 U	1.6 U	1.6 U	1.6 U	1.6 U		
108-90-7	CARBON TETRACHLORIDE	NS	NS	6.29 U	0.25 U	0.38	0.49	0.39	0.37	0.37	0.28	0.793	0.40	0.41	0.36	0.36		
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS			1.8 U	2.8	1.1 NJ	2.5	2.3	5.0	NT	1.8 U	2.8	1.1 J	1.1 J		
108-90-7	CHLOROBENZENE	NS	NS	4.61 U	0.46 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.921 U	0.92 U	0.92 U	0.92 U	0.92 U		
74-87-3	CHLOROFORM	NS	NS	4.87 U	0.49 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.977 U	0.98 U	0.98 U	0.98 U	0.98 U		
156-59-2	CHLOROMETHANE	NS	NS	1.69	0.21 U	1 U	1.5	1.1	1.0	1.2	1.1	1.20	1 U	1.1	1.2	1.2		
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	3.97 U	0.4 U	0.79 U	0.14 U	0.20 U	0.20 U	0.20 U	0.20 U	0.079 U	0.79 U	0.14 U	0.20 U	0.20 U		
99-87-6	CYCLOHEXANE	NS	NS	3.44 U	0.34 U	0.69 U	4.0	0.69 U	0.69 U	0.69 U	0.69 U	0.688 U	0.69 U	2.9	0.69 U	0.69 U		
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS			5.9	12	7.7	30	140	7.5	3.33	6.6	14	8.5	8.5		
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	NT	1.6 U	1.6 U	1.6 U	1.6 U		
64-17-5	ETHANOL	NS	NS			NT	NT	NT	NT	NT	NT	345	NT	NT	NT	NT		
100-41-4	ETHYLBENZENE	NS	NS	4.34 U	0.43 U	0.87 U	0.87 U	0.60 NJ	0.64 NJ	0.87 U	0.81 NJ	0.869 U	0.87 U	0.87 U	0.61 J	0.61 J		
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	10.65	26.75	35	31	19	13	15	8.3 NJ	15400	24	22	20	20		
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS	4.92 U	0.49 U	0.98 U	0.98 U	0.42 NJ	0.98 U	0.98 U	0.98 U	NT	0.98 U	0.98 U	0.98 U	0.98 U		
179601-23-1	M,P-XYLENES	NS	NS	8.67 U	0.87 U	2.2 U	2.2 U	2.0 NJ	1.5 NJ	2.2 U	2.4	1.74 U	2.2 U	2.2 U	1.9 J	1.9 J		
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	2.95 U	0.29 U	1.5 U	2.0	1.6	1.7	2.1	2.6	1.47 U	1.5	1.5 U	3.0	3.0		
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	0.721 U	0.72 U	0.72 U	0.72 U	0.72 U		
91-20-3	METHYLENE CHLORIDE	NS	60	3.47 U	0.35 U	1.7 U	1.7 U	1.7 U	0.76 NJ	1.7 U	1.1 NJ	1.74 U	1.7 U	1.7 U	1.7 U	1.7 U		
104-51-8	NAPHTHALENE	NS	NS	5.24 U	2.62 U	2.6 UJ	2.6 UJ	2.6 U	2.6 JN	2.6 U	2.6 U	NT	2.6 UJ	2.6 UJ	2.6 UJ	2.6 U		
110-54-3	N-HEPTANE	NS	NS	4.1 U	0.41 U	0.82 U	1.2	0.82 U	0.94	0.82 U	0.47 NJ	0.82 U	0.82 U	1.1	0.82 U	0.82 U		
103-65-1	N-HEXANE	NS	NS	3.53 U	1.3	0.70 U	2.0	0.70 U	1.0 JB	1.8 U	0.87 NJ	0.705 U	0.7 U	1.6	0.70 U	0.70 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	NT	0.98 U	0.98 U	0.98 U	0.98 U		
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	4.34 U	0.43 U	0.87 U	0.87 U	0.53 NJ	0.61 NJ	0.87 U	1.0	0.869 U	0.87 U	0.87 U	0.54 J	0.54 J		
98-06-6	STYRENE	NS	NS	4.25 U	0.43 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.852 U	0.85 U	0.85 U	0.85 U	0.85 U		
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS			15 U	17	5.9 NJ	7.0 NJ	6.3 NJ	15 U	1.52 U	15 U	15 U	10 J	10 J		
109-99-9	TETRAHYDOFURAN	NS	NS	2.95 U	0.29 U	15 U	15 U	15 U	15 U	15 U	15 U	1.47 U	15 U	15 U	15 U	15 U		
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	45.03	0.34	2.6	3.7	0.50 NJ	0.45 NJ	0.19 NJ	0.21 NJ	0.136 U	2.4	4.3	0.78 J	0.78 J		
108-88-3	TOLUENE	NS	NS	5.95	0.38 U	0.75 U	2.3	1.5	1.9	1.6	3.2	0.765	0.84	2.3	2.1	2.1		
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	0.793 U	0.79 U	0.79 U	0.79 U	0.79 U		
79-01-6	TRICHLOROETHYLENE (TCE)	NS	2	5.27	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.107 U	0.21 U	0.19 U	0.19 U	0.19 U		
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	5.62 U	1.46	1.1 U	1.5	1.2	1.3	1.1	1.1 NJ	1.12 U	1.1 U	1.4	1.1	1.1		
75-01-4	VINYL CHLORIDE	NS	NS	2.56 U	0.26 U	0.1 U	0.089 U	0.20 U	0.20 U	0.20 U	0.20 U	0.051 U	0.1 U	0.089 U	0.20 U	0.20 U		
XYLENES	XYLENES, TOTAL	NS	NS			3 U	3.0 U	2.5 NJ	2.1 NJ	3.0 U	3.5	2.6 U	3 U	3.0 U	2.4 J	2.4 J		
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS			12 NJ	26 NJ			12 N	1.1 NJ		7.6 NJ	4.1 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 February 2024 revisions.

NS = No Standard

NT = Not Tested

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.

Blank space indicates compound not reported and/or data not available.

TABLE 7B
Summary of Indoor Air Analytical Results: 2008 to 2024
Former Johnny on the Spot Cleaners
152 10th Avenue, Whitestone, NY

Sample Location			NYSDOH Stnds ¹					Bank 2		Cascarinos	JD Optician	Ambient					
Medium Laboratory ID Sample ID Collection Date Units		Subsurface Vapors	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	
				200-51061-2 Bank 2	200-62822-2 Bank 2	200-67137-2 Bank 2	L2408362-2 Bank 2	200-37771-3 Cascarino	200-37771-6 JD Optician	Ambient (AA-1)	SB71801-03 Ambient (AA-3)	SB78841-01 Ambient (AA-3)	200-37771-4 Ambient	200-47168-3 Ambient	200-51061-3 Ambient	200-62822-6 Ambient	
				10/16/19	03/29/22	03/02/23	02/14/24	03/09/17	03/09/17	08/27/08	6/18/2013	10/16/2013	03/09/17	01/23/19	10/16/19	03/29/22	
		ug/m3	ug/m3	ug/m3	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	0.109 U	1.1 U	1.1 U	1.1 U	0.22 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	1.37 U	1.4 U	1.4 U	1.4 U	0.27 U			1.4 U	1.4 U	1.4 U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NS	NS	0.46 NJ	0.48 NJ	0.43 NJ	1.53 U			1.5 U				1.5 U	0.50 J	1.5 U	
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.14 U	0.14 U	0.14 U	0.079 U	0.79 U	0.79 U	0.79 U	0.16 U			0.79 U	0.14 U	0.14 U	
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	1.9	0.98 U	0.92 NJ	0.983 U	0.98 U	0.98 U	0.98 U		12.29 U	0.49 U	0.98 U	0.98 U	0.52 NJ	
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	0.63 NJ	0.98 U	0.30 NJ	0.983 U	0.98 U	0.98 U	0.98 U	0.39 U	12.29 U	0.49 U	0.98 U	0.98 U	0.98 U	
106-99-0	1,3-BUTADIENE	NS	NS	0.44 U	0.16 NJ	0.44 U	0.442 U	0.44 U	0.44 U	0.44 U	0.18 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	1.20 U	1.20 U	1.2 U	1.2 U				1.2 U	1.2 U	1.2 U	
106-46-7	1,4-DICHLOROBENZENE	NS	NS	1.2 U	1.2 U	1.2 U	6.01			1.2 U				1.2 U	1.2 U	1.2 U	
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	0.62 NJ	0.20 NJ	0.93 U	0.934 U	0.93 U	0.93 U	0.93 U	0.7			0.93 U	0.52 J	0.93 U	
622-96-8	4-ETHYLTOLUENE	NS	NS	0.44 NJ	0.98 U	0.24 NJ	0.983 U	0.98 U	0.98 U	0.98 U	0.2 U	12.29 U	0.49 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	NT			1.1 U				1.1 U	1.1 U	1.1 U	
107-05-1	ACETONE	NS	NS	22	27	16	58.4	24		19		394.46	17.3	12 U	12 U	7.0 NJ	
100-44-7	BENZENE	NS	NS	0.65	0.59 NJ	0.65	0.639 U	0.64 U	0.64 U	0.64 U	0.32	4.63	0.7	0.64 U	0.77	0.51 NJ	
75-15-0	BUTANE	NS	NS	3.7	11	2.7	NT	1.2 U	2.1					1.2 U	3.0	2.3	
56-23-5	CARBON DISULFIDE	NS	NS	1.6 U	1.6 U	1.6 U	0.623 U	1.6 U	1.6 U	1.6 U		7.78 U	0.44	1.6 U	1.6 U	1.2 NJ	
108-90-7	CARBON TETRACHLORIDE	NS	NS	0.38	0.35	0.30	0.541	0.40		0.31	0.4	15.73 U	0.38	0.25 U	0.35	0.40	
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	2.7	2.3	8.4	NT	13		1.8 U				1.8 U	0.96 J	1.2 NJ	
108-90-7	CHLOROBENZENE	NS	NS	0.92 U	0.92 U	0.92 U	0.921 U		0.92 U	0.92 U		11.51 U	0.46 U	0.92 U	0.92 U	0.92 U	
74-87-3	CHLOROFORM	NS	NS	0.98 U	0.98 U	0.98 U	0.977 U	0.98 U	0.98 U	0.98 U	0.2 U	12.17 U	0.49 U	0.98 U	0.98 U	0.98 U	
156-59-2	CHLOROMETHANE	NS	NS	1.2	1.3	1.1	1.18	1.0 U	1	U	0.21 U	5.16 U	0.21 U	1 U	0.99 J	1.2	
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.20 U	0.20 U	0.20 U	0.079 U	0.79 U	0.79 U	0.79 U	0.16 U	9.91 U	0.4 U	0.79 U	0.20 U	0.20 U	
99-87-6	CYCLOHEXANE	NS	NS	0.69 U	0.69 U	0.69 U	0.688 U	0.69 U	0.69 U	0.69 U	0.14 U	8.61 U	0.34 U	0.69 U	0.69 U	0.69 U	
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	32	120	5.3	2.79	2.5 U	2.5 U	2.5 U	2.2			2.5 U	2.1 J	2.8	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	1.6 U	1.6 U	1.6 U	NT	1.6 U	1.6 U	1.6 U	0.16 U			1.6 U	1.6 U	1.6 U	
64-17-5	ETHANOL	NS	NS	NT	NT	NT	236							NT	NT	NT	
100-41-4	ETHYLBENZENE	NS	NS	0.65 NJ	0.87 U	0.51 NJ	0.869 U	0.87 U	0.87 U	0.87 U	0.17 U	10.84 U	0.43 U	0.87 U	0.87 U	0.35 NJ	
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	13	18	7.2 NJ	9120	93		1500 J		6.13 U	2.65	12 U	12 U	12 U	
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS	0.98 U	0.98 U	0.98 U	NT		0.98 U			12.29 U	0.49 U	0.98 U	0.98 U	0.98 U	
179601-23-1	M,P-XYLENES	NS	NS	1.5 NJ	2.2 U	1.2 NJ	1.74 U	2.2 U	2.2 U	2.2 U	0.35 U	21.68 U	0.95	2.2 U	0.78 J	0.71 NJ	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	1.8	1.8	1.5 U	1.47 U	1.5 U	1.5 U	1.5 U		50.43	2.54	1.5 U	1.2 J	1.5	
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	0.72 U	0.72 U	0.72 U	0.721 U		0.72 U	0.72 U	0.14 U			0.72 U	0.72 U	0.72 U	
91-20-3	METHYLENE CHLORIDE	NS	60	0.97 NJ	0.97 NJ	2.3	1.74 U	1.7 U	1.7 U	1.7 U	2.8 U	8.68 U	0.35 U	1.7 U	1.7 U	1.7 U	
104-51-8	NAPHTHALENE	NS	NS	2.6 UJ	2.6 U	2.6 U	NT	2.6 UJ	2.6 UJ	2.6 UJ		13.09 U	2.62 U	2.6 UJ	2.6 U	2.6 UJ	
110-54-3	N-HEPTANE	NS	NS	0.94	0.82 U	0.44 NJ	0.82 U	0.82 U	0.82 U	0.82 U	0.45	43.44	0.41 U	0.82 U	0.82 U	0.82 U	
103-65-1	N-HEXANE	NS	NS	1.1 JB	1.8 U	1.9	0.705 U	0.7 U	0.7 U	0.7 U	0.53	8.81 U	1.73	0.7 U	0.70 U	0.98 JB	
95-47-6	N-PROPYLBENZENE	NS	NS	0.98 U	0.98 U	0.98 U	NT	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	0.60 NJ	0.87 U	0.64 NJ	0.869 U	0.87 U	0.87 U	0.87 U	0.17 U	10.84 U	0.43 U	0.87 U	0.87 U	0.34 NJ	
98-06-6	STYRENE	NS	NS	0.85 U	0.85 U	0.85 U	0.852 U		0.85 U			10.63 U	0.43 U	0.85 U	0.85 U	0.85 U	
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS	6.6 NJ	8.8 NJ	15 U	1.52 U			15 U				15 U	15 U	15 U	
109-99-9	TETRAHYDOFURAN	NS	NS	15 U	15 U	15 U	1.47 U		15 U			26.24	0.29 U	15 U	15 U	15 U	
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	0.63 NJ	1.4 U	0.31 NJ	0.136	1.4 U	1.4 U	1.4 U	1	16.65 U	1.42	1.4 U	0.50 J	1.4 U	
108-88-3	TOLUENE	NS	NS	2.2	1.4	2.0	0.754 U	0.91		1.2	1.2	9.41 U	2.41	0.75 U	1.4	1.0	
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	0.79 U	0.79 U	0.79 U	0.793 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	0.107 U	0.21 U	0.21 U	0.21 U	0.21 U	13.44 U	0.16	0.21 U	0.19 U	0.19 U	
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.3	1.2	0.96 NJ	1.21	1.2		1.1	1.7	14.05 U	1.91	1.1 U	1.1	1.3	
75-01-4	VINYL CHLORIDE	NS	NS	0.20 U	0.20 U	0.20 U	0.051 U	0.10 U	0.10 U	0.10 U	0.2 U	6.39 U	0.26 U	0.1 U	0.20 U	0.20 U	
XYLENES	XYLENES, TOTAL	NS	NS	2.1 NJ	3.0 U	1.8 N	2.6 U	3.0 U	3 U					3 U	0.78 J	1.0 NJ	
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS		13 N	1.6 NJ		25 NJ	7.6 NJ							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 February 2024 revisions.

NS = No Standard

NT = Not Tested

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.

Blank space indicates compound not reported and/or data not available.

TABLE 7B
Summary of Indoor Air Analytical Results: 2008 to 2024
Former Johnny on the Spot Cleaners
152 10th Avenue, Whitestone, NY

Sample Location			NYSDOH Stnds ¹	Ambient		System B Effluent Stack	System C Effluent Stack
Medium Laboratory ID Sample ID Collection Date Units		Subsurface Vapors	Indoor Air	Ambient Air	Ambient Air	Effluent	Effluent
				200-67137-6	L2408362-6	200-37771-4	200-62822-13
				Ambient	Ambient	Ambient	System C Effluent
				03/02/23	02/14/24	03/09/17	03/30/22
		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	0.109 U	3.3 U	11 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	1.4 U	1.37 U	4.2 U	14 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NS	NS	1.5 U	1.53 U	4.6 U	15 U
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.14 U	0.079 U	0.42 U	1.4 U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	4.1	0.983 U	17	9.8 U
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	1.3	0.983 U	4.7	9.8 U
106-99-0	1,3-BUTADIENE	NS	NS	0.44 U	0.442 U	1.3 U	4.4 U
541-73-1	1,3-DICHLOROBENZENE	NS	NS	1.2 U	1.20 U	3.6 U	12 U
106-46-7	1,4-DICHLOROBENZENE	NS	NS	1.3	1.20 U		
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	0.31 NJ	0.934 U	40	1.7 NJ
622-96-8	4-ETHYLTOLUENE	NS	NS	0.75 NJ	0.983 U	4.2	9.8 U
67-64-1	4-ISOPROPYLTOLUENE (CYMENE)	NS	NS	27	NT	3.3 U	11 U
107-05-1	ACETONE	NS	NS	23	4.96	36 U	120 U
100-44-7	BENZENE	NS	NS	1.0	0.639 U	6.4	6.4 U
75-15-0	BUTANE	NS	NS	4.0	NT	64	12 U
56-23-5	CARBON DISULFIDE	NS	NS	8.2	0.623 U	1.6 U	16 U
108-90-7	CARBON TETRACHLORIDE	NS	NS	0.28	0.491	0.67 U	2.2 U
75-00-3	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	1.5 NJ	NT	5.4 U	18 U
108-90-7	CHLOROBENZENE	NS	NS	0.92 U	0.921 U		
74-87-3	CHLOROFORM	NS	NS	0.98 U	0.977 U	3 U	9.8 U
156-59-2	CHLOROMETHANE	NS	NS	1.1	1.15	3.1 U	10 U
10061-01-5	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.20 U	0.079 U	2.1	2 U
99-87-6	CYCLOHEXANE	NS	NS	0.69 U	0.688 U	16	6.9 U
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	2.1 NJ	2.10	7.5 U	33
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	1.6 U	NT	2.1 J	16 U
64-17-5	ETHANOL	NS	NS	NT	9.42 U		
100-41-4	ETHYLBENZENE	NS	NS	3.5	0.869 U	9.4	8.7 U
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	12 U	1.23 U	37 U	120 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	NS	NS	0.98 U	NT	0.92 J	9.8 U
179601-23-1	M,P-XYLENES	NS	NS	4.0	1.74 U	36	22 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	20	1.47 U	5.6	15 U
75-09-2	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	0.72 U	0.721 U	2.2 U	7.2 U
91-20-3	METHYLENE CHLORIDE	NS	60	0.69 NJ	1.74 U	5.3 U	17 U
104-51-8	NAPHTHALENE	NS	NS	150	NT	7.9 U	26 UJ
110-54-3	N-HEPTANE	NS	NS	1.4	0.82 U	17	8.2 U
103-65-1	N-HEXANE	NS	NS	0.47 NJ	0.705 U	31	18 U
95-47-6	N-PROPYLBENZENE	NS	NS	0.65 NJ	NT	2.7 J	9.8 U
135-98-8	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	2.2	0.869 U	13	8.7 U
98-06-6	STYRENE	NS	NS	0.85 U	0.852 U	0.85 U	8.5 U
1634-04-4	TERT-BUTYL ALCOHOL	NS	NS	15 U	1.52 U	46 U	150 U
109-99-9	TETRAHYDOFURAN	NS	NS	15 U	1.47 U		
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	1.4 U	0.136 U	220	2.8 NJ
108-88-3	TOLUENE	NS	NS	2.9	0.754 U	48	7.5 U
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	0.79 U	0.793 U	2.4 U	7.9 U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	2	0.19 U	0.107 U	5.9	1.9 U
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	0.98 NJ	1.29	1.1 J	11 U
75-01-4	VINYL CHLORIDE	NS	NS	0.20 U	0.051 U	0.61 U	2.0 U
XYLENES	XYLENES, TOTAL	NS	NS	6.2	2.6 U	48	30 U
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS	27 N			35 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 February 2024 revisions.

NS = No Standard

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Underline = Concentration exceeds Standards

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U = The analyte was analyzed for, but not detected above the reported sample quantitation limit.

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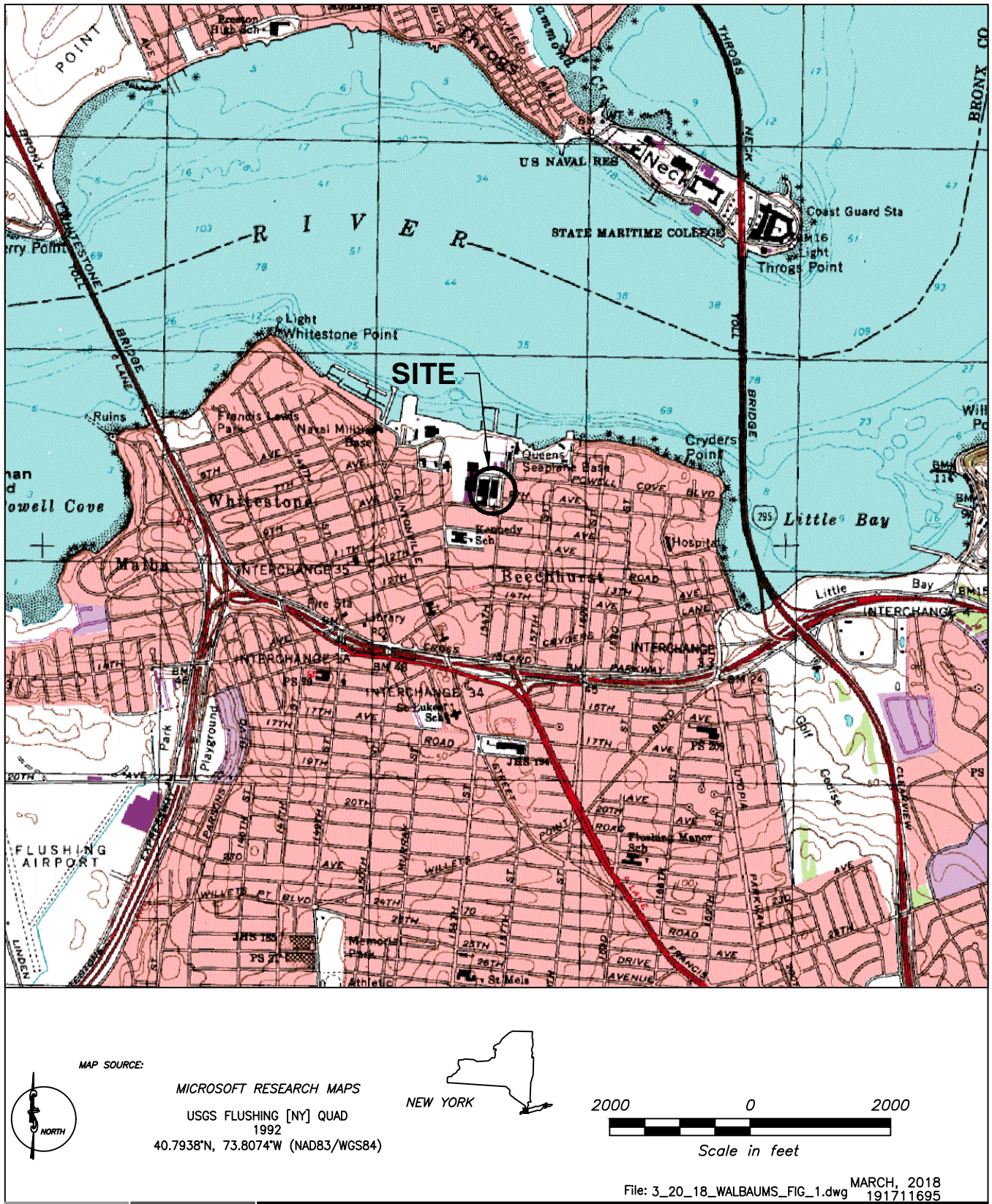
UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent

the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Blank space indicates compound not reported and/or data not available.

FIGURES

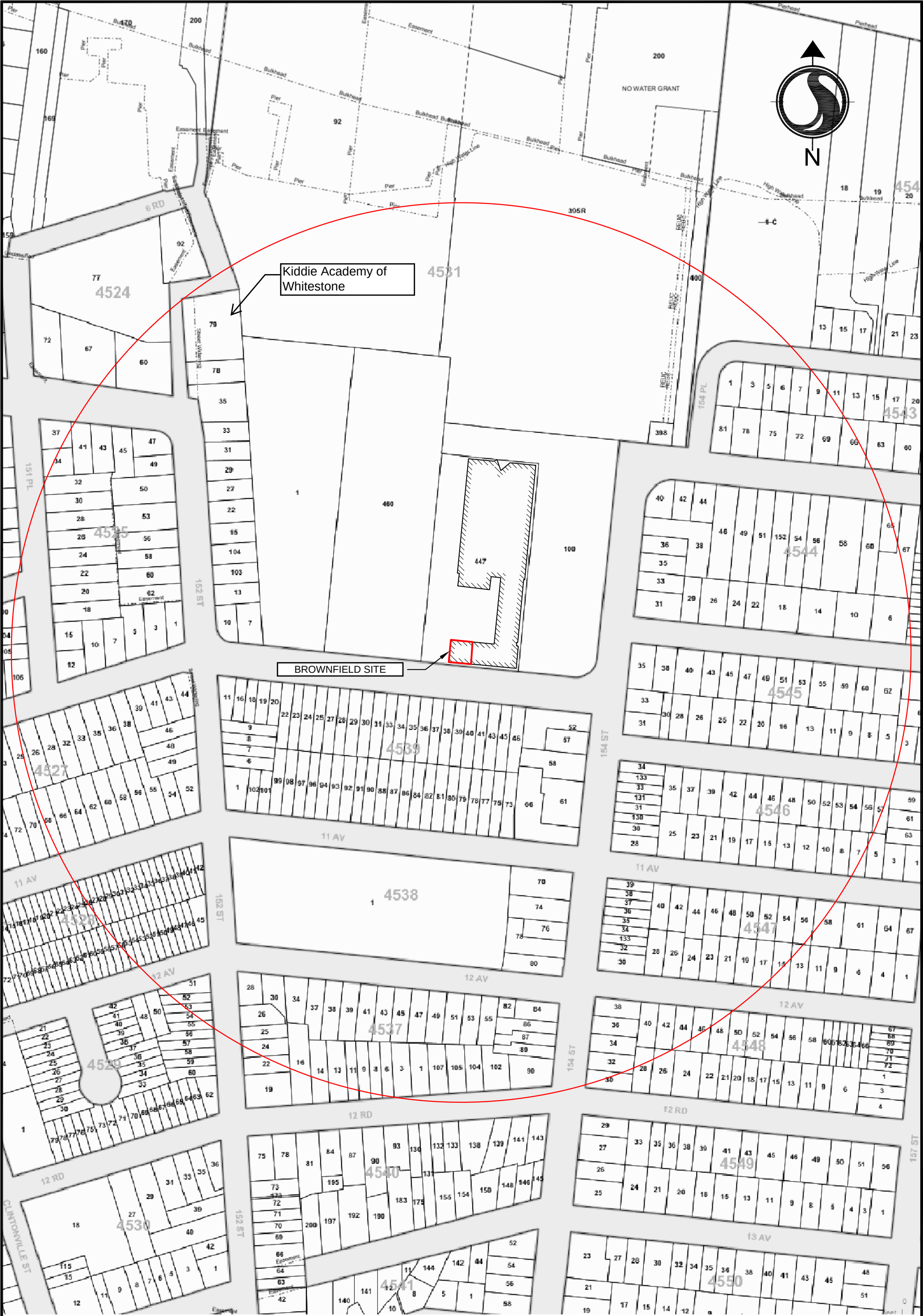
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Client/Project
WALBAUM'S SUPERMARKET
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
Figure No.
1.0
Title
SITE LOCATION MAP

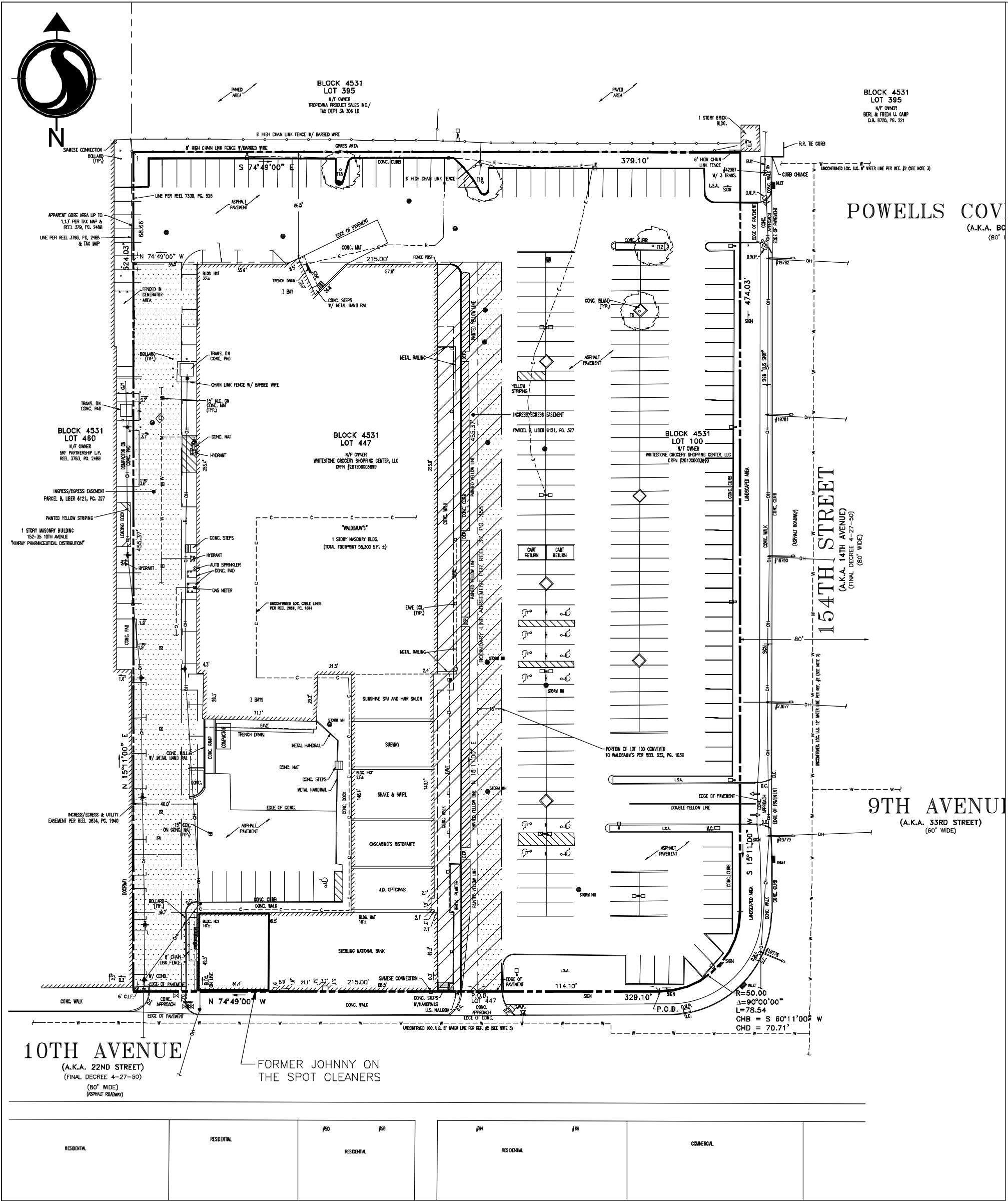




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STANTEC OFFICE LOCATION: AUBURN, NEW HAMPSHIRE					DRAWING TITLE: TAX MAP FORMER JOHNNY ON THE SPOT CLEANERS 152-45 TO 153-01 10TH AVE WHITESTONE, QUEENS, NY BCP SITE ID: C241125	
DATE PREPARED: 3-20-18	DESIGNED BY: JJW	DRAWN BY: JJW	CHECKED BY: DFM	REVIEWED BY: RJN	PREPARED FOR: NEW YORK STATE DEC	
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'	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'





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LEGEND

Client/Project

FORMER JOHNNY ON THE SPOT
CLEANERS

152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125

Project No.
191711695

Title

SITE MAP

Revision

Date

2018.03.15

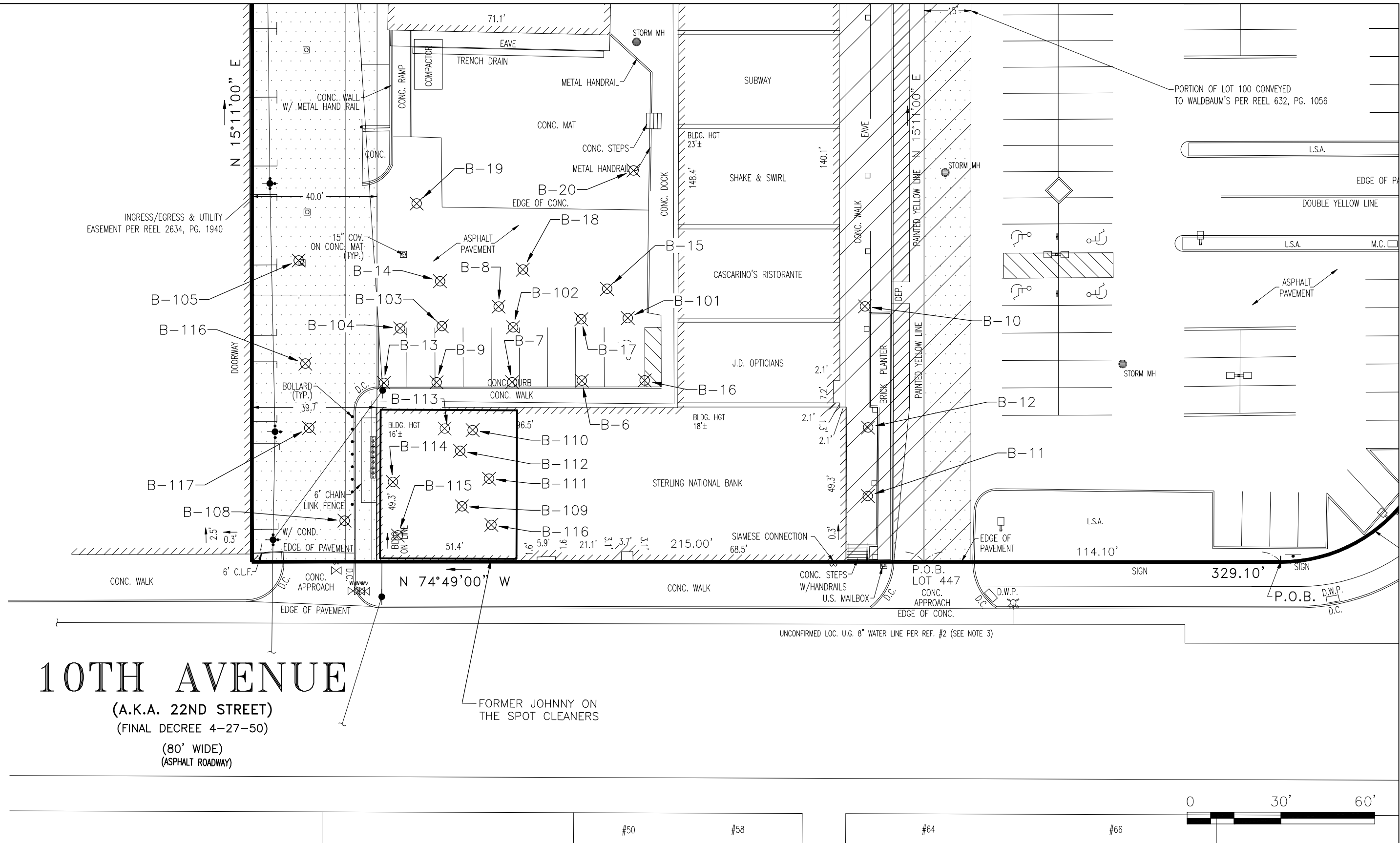
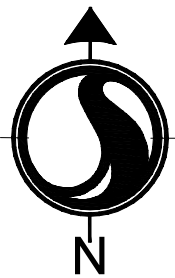
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Figure No.

2A

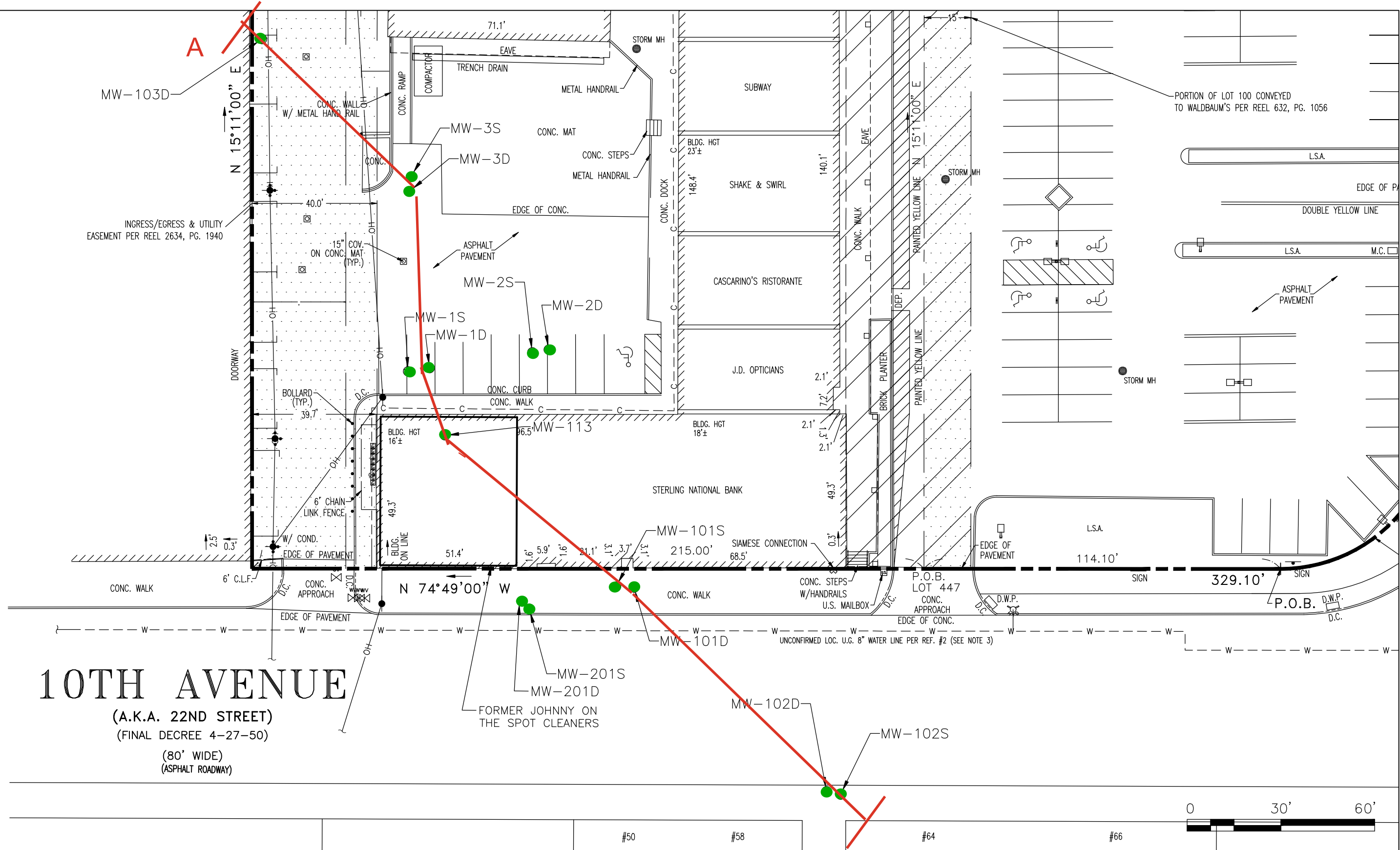
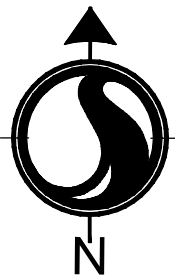
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Notes

LEGEND

⊙ MW-15

MONITORING WELL DESIGNATION
AND LOCATION

S = SHALLOW WELL
D = DEEP WELL

CROSS SECTION LOCATION

Client/Project

FORMER JOHNNY ON THE SPOT
CLEANERS

152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125

Project No.

191711695

Title

SITE MAP WITH
MONITORING WELL
LOCATIONS

Revision

Reference Sheet
X-XXX

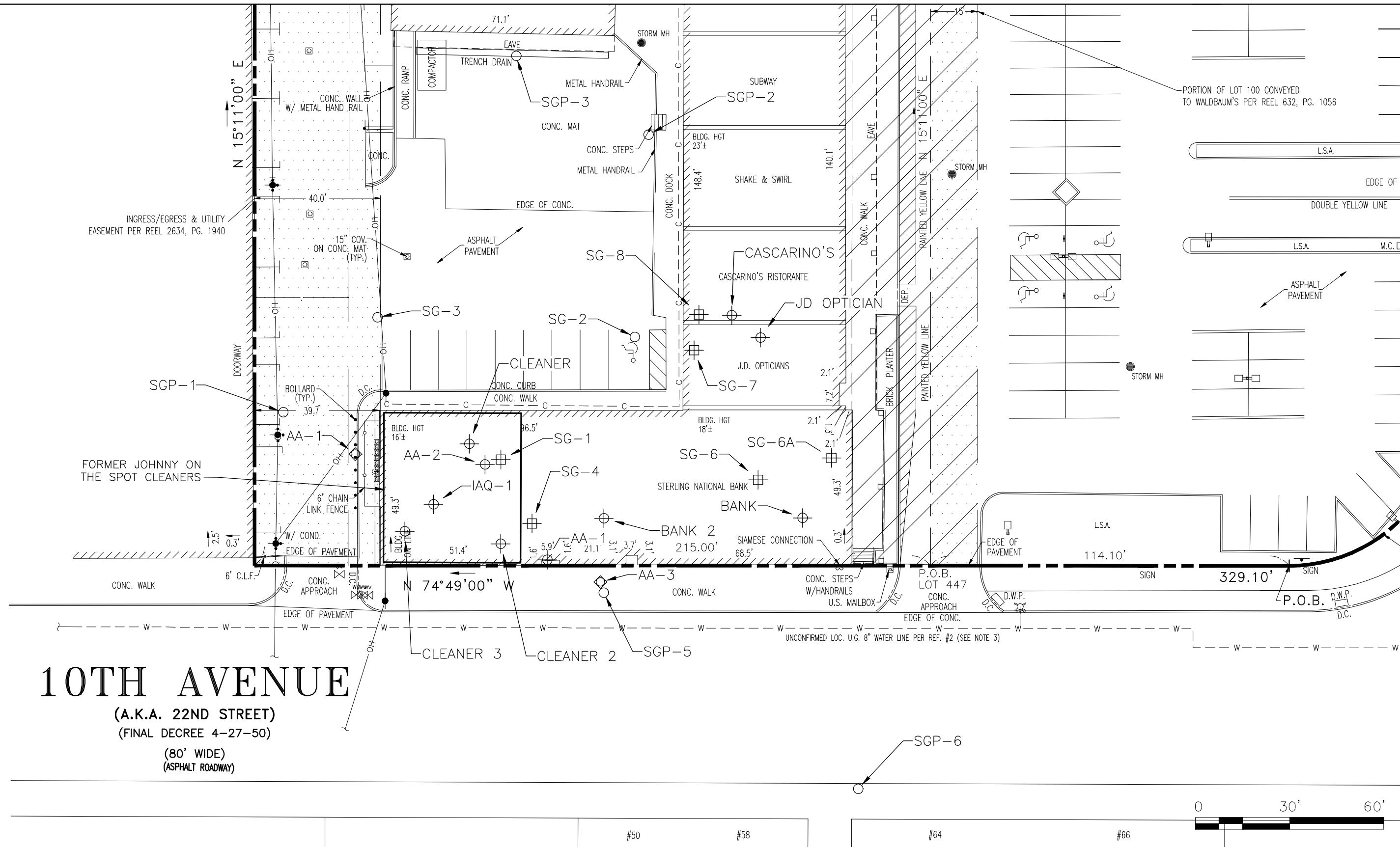
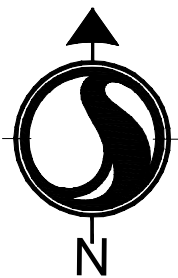
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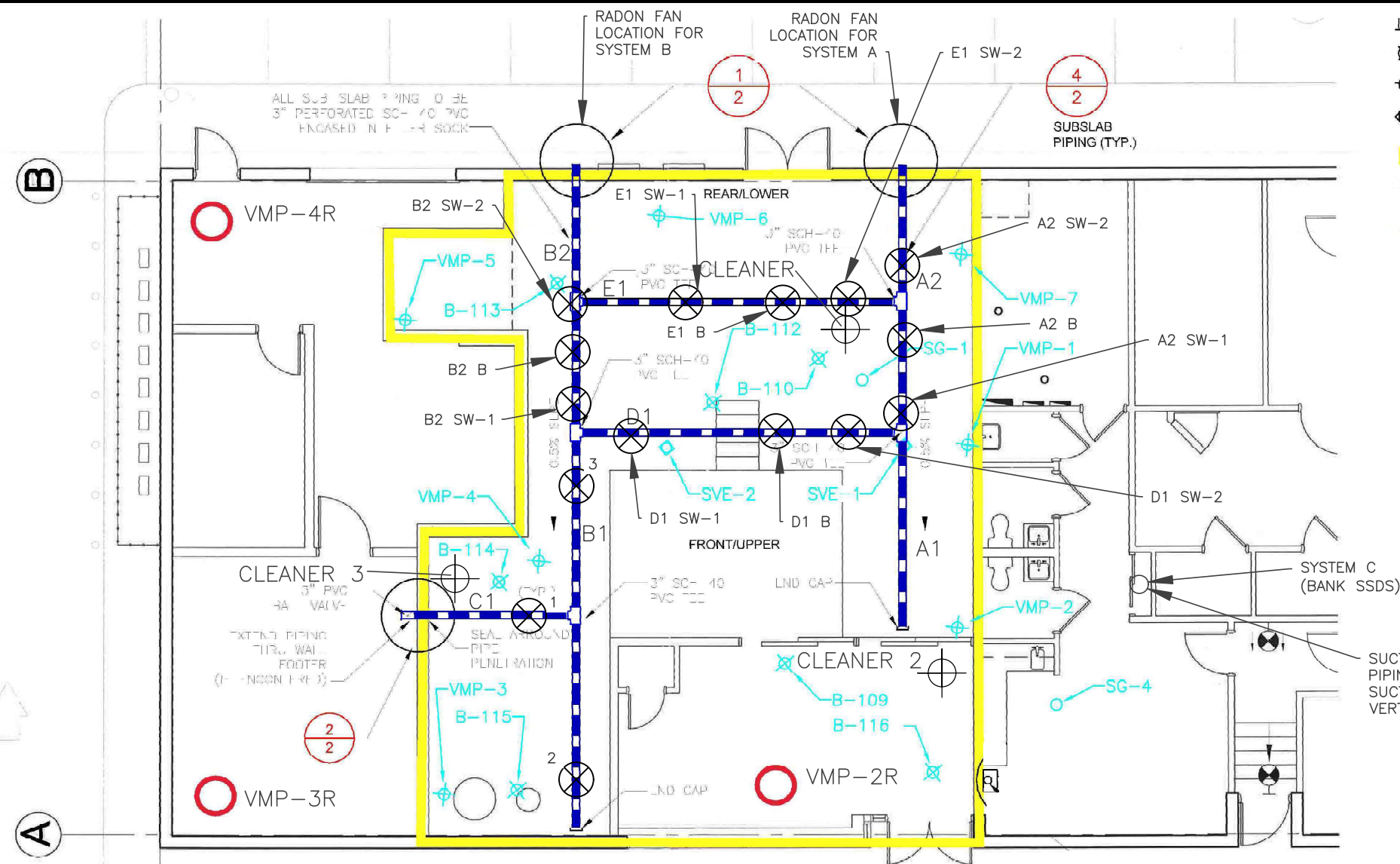
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Figure No.

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LEGEND

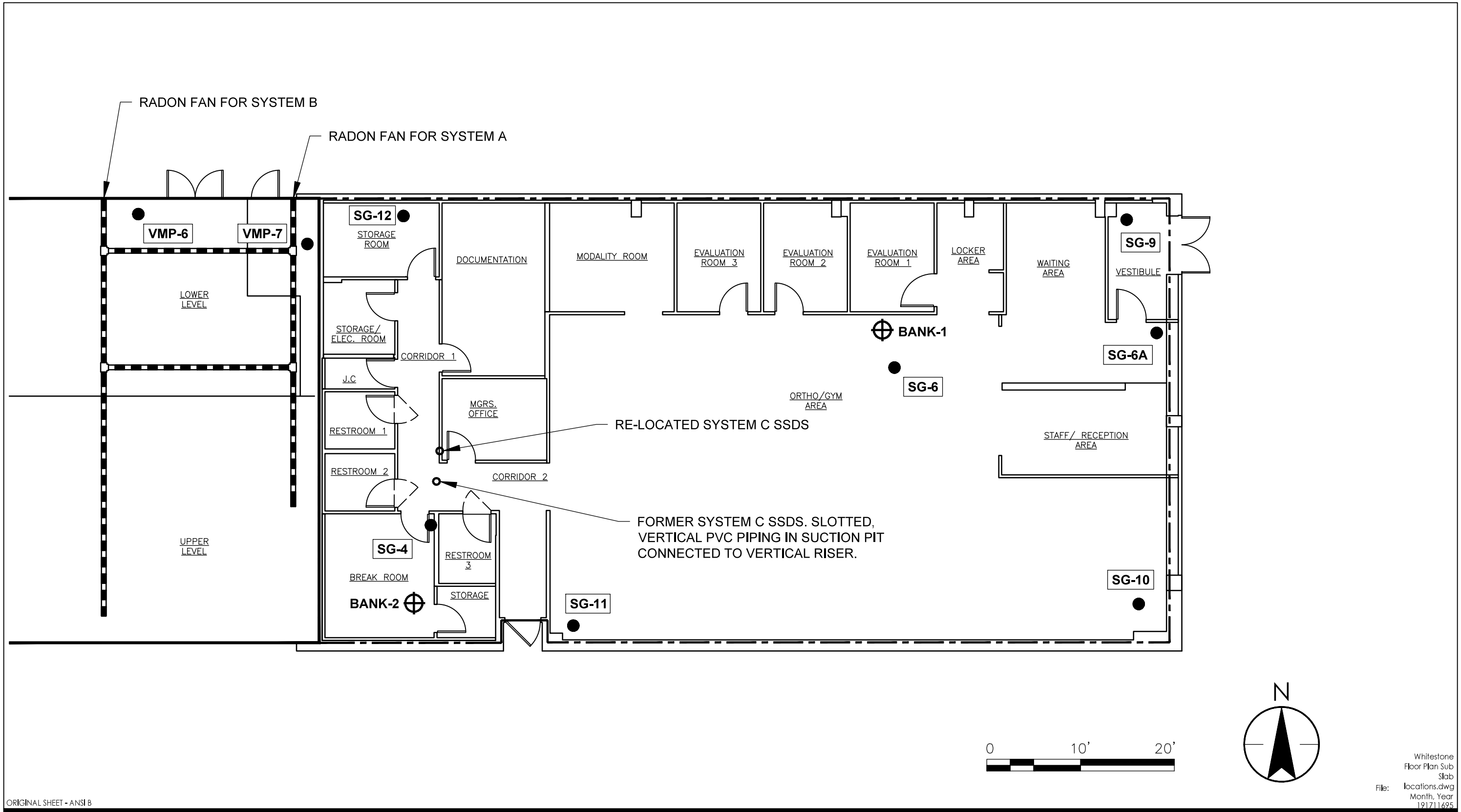
- ⊗ B-110 SOIL BORING DESIGNATION AND LOCATION
- ⊕ VMP-1 VACUUM MONITORING POINTS
- ⊕ SVE-1 VAPOR RECOVERY POINTS
- LIMITS OF JOHNNY ON THE SPOT INTERIOR
- SG-1 SUB-SLAB SOIL GAS PROBE
- Locations for replacement VMPs
- ⊕ Indoor Air Sample Locations
- ⊗ SOIL SAMPLE LOCATIONS
- A2 SUB-SLAB PIPING SEGMENTS

FLOOR PLAN - PROPOSED

N.T.S.



 Stantec 9400 SW BARNES ROAD SUITE 200 PORTLAND, OR. 97255-6690 www.stantec.com	FORMER JOHNNY ON THE SPOT CLEANERS 152-45 TO 153-01 10TH AVE WHITESTONE, QUEENS, NY BCP SITE ID C241125	SUB-SLAB PIPING & MONITORING POINTS PLAN FORMER JOHNNY ON THE SPOT CLEANERS CHECKED BY: PV APPROVED BY: PV	FIGURE: 3D 05/13/18
---	---	---	----------------------------------



5 DARTMOUTH DRIVE, SUITE 200
AUBURN, NH 03032
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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

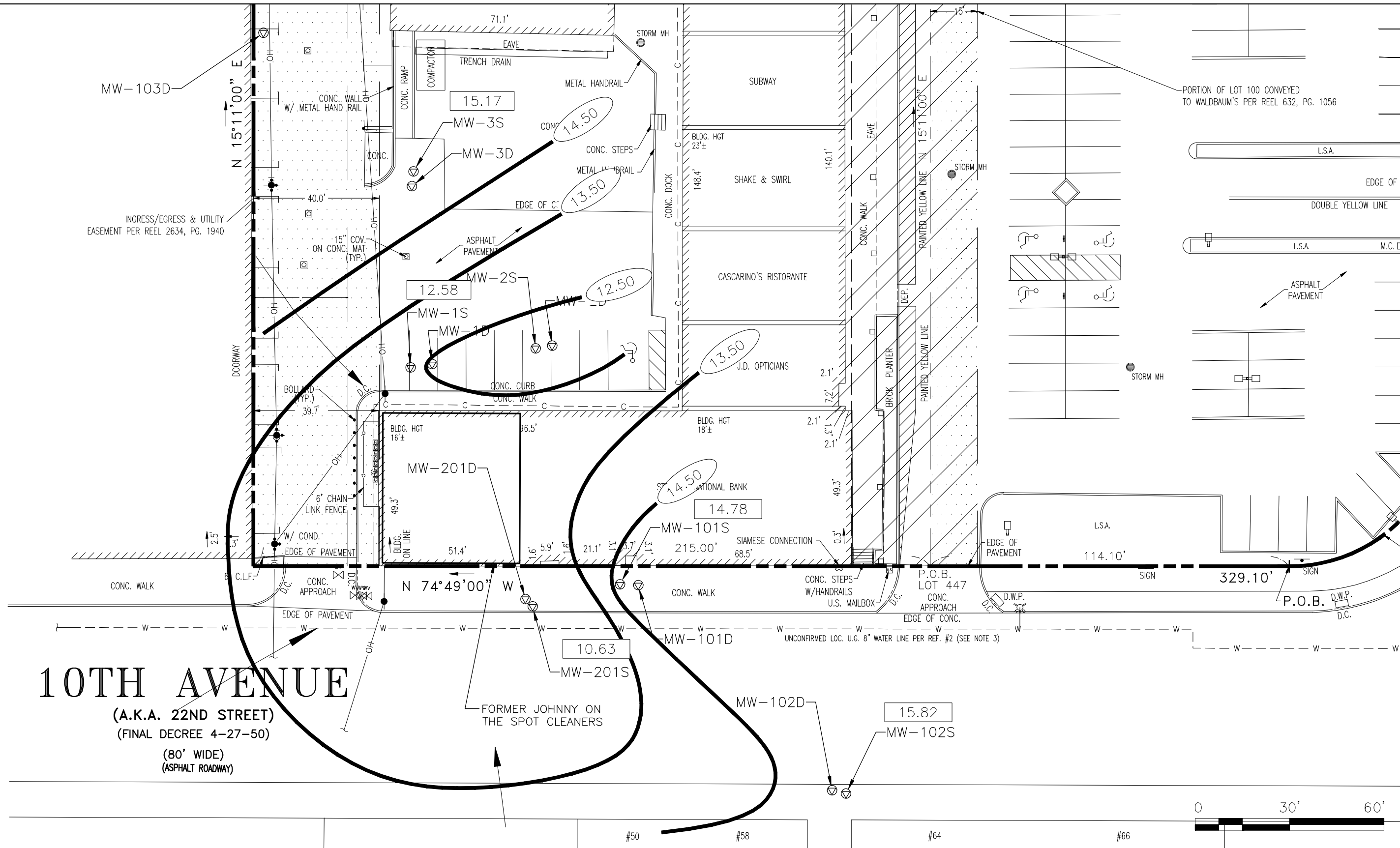
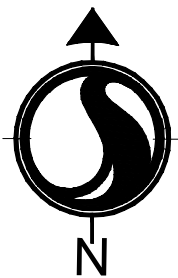
Client/Project
FORMER JOHNNY ON THE SPOT CLEANERS
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125

Figure No.
3E

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

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

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Notes

LEGEND



MONITORING WELL DESIGNATION
AND LOCATION

S = SHALLOW WELL
D = DEEP WELL

15.82

14.5

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

Client/Project

FORMER JOHNNY ON THE SPOT
CLEANERS

152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125

Project No.

191711695

Title

SHALLOW
GROUNDWATER
FLOW NOVEMBER 2017

Revision

Reference Sheet

X-XXX

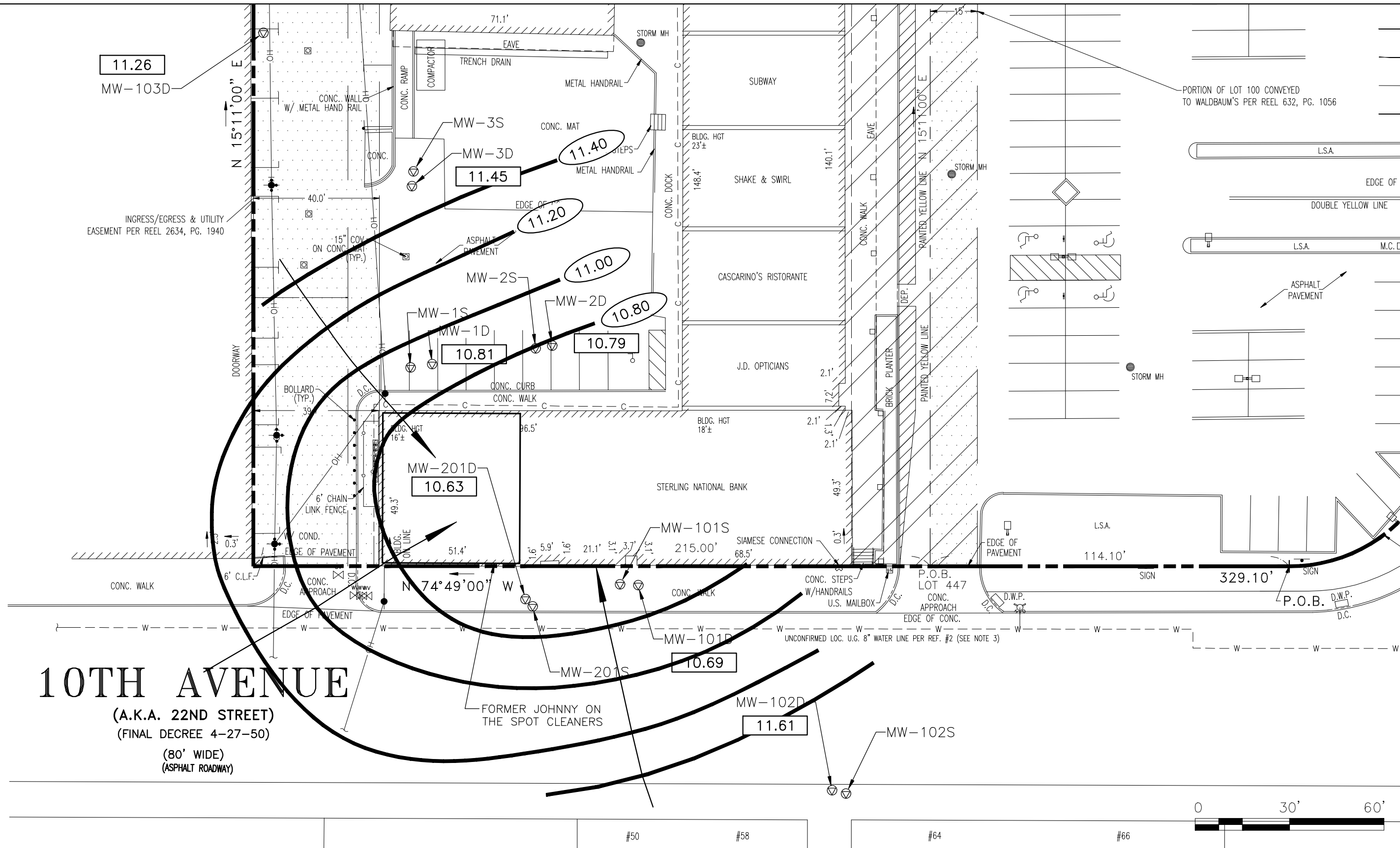
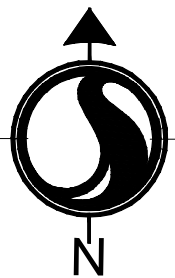
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2018.03.15

Figure No.

4A

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LEGEND



MONITORING WELL DESIGNATION
AND LOCATION

S = SHALLOW WELL
D = DEEP WELL

11.61

10.80

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

Client/Project

FORMER JOHNNY ON THE SPOT
CLEANERS

152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125

Project No.

191711695

Title

DEEP
GROUNDWATER
FLOW NOVEMBER 2017

Revision

Reference Sheet

X-XXX

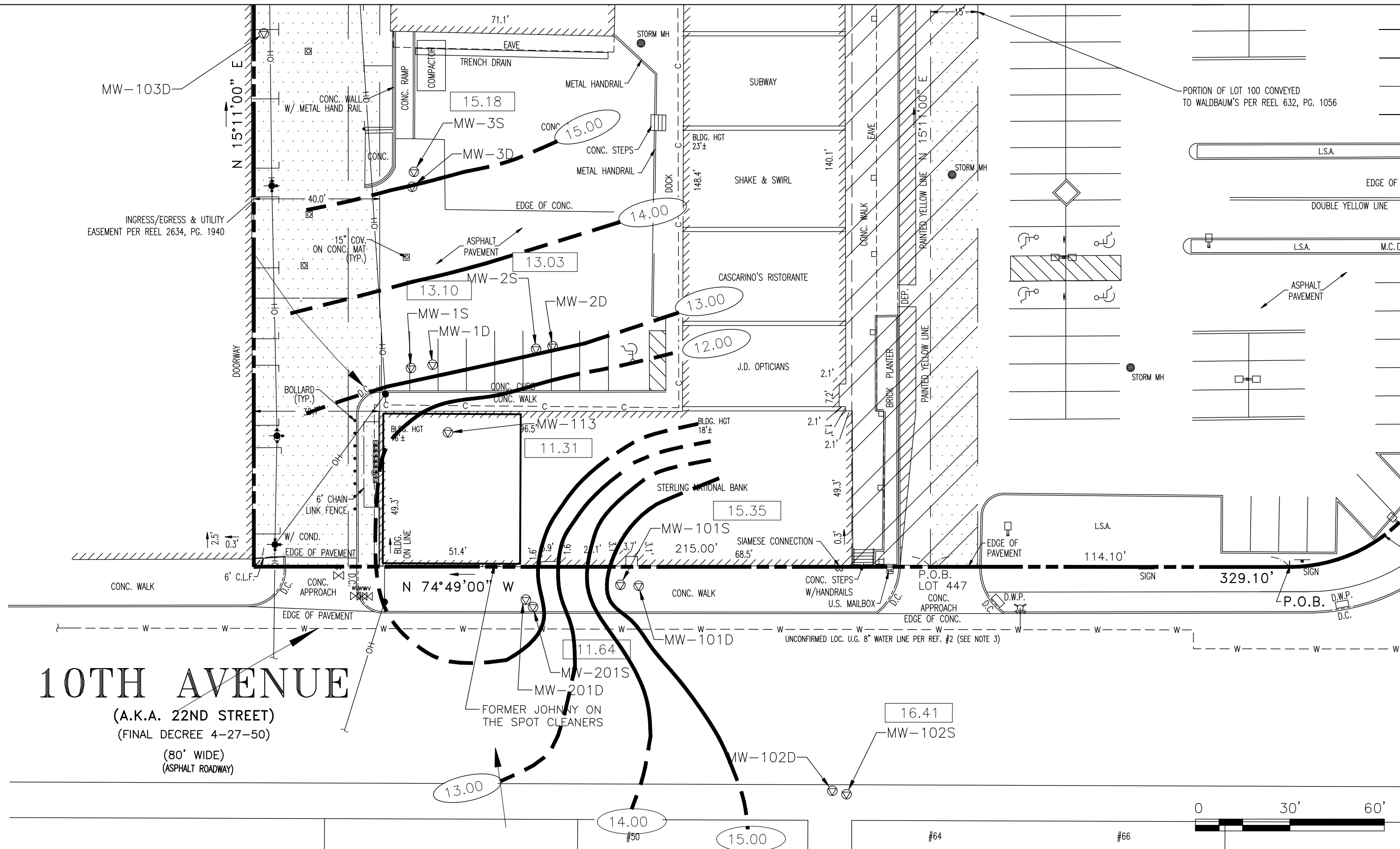
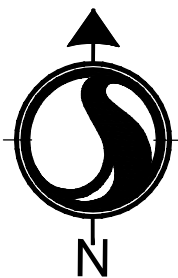
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2018.03.15

Figure No.

4B

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Notes

LEGEND



MW-15

MONITORING WELL DESIGNATION
AND LOCATION

S = SHALLOW WELL
D = DEEP WELL

15.82

14.5

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

Client/Project

FORMER JOHNNY ON THE SPOT
CLEANERS

152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125

Project No.

191711695

Title

SHALLOW
GROUNDWATER
FLOW JUNE 2022

Revision

Reference Sheet

X-XXX

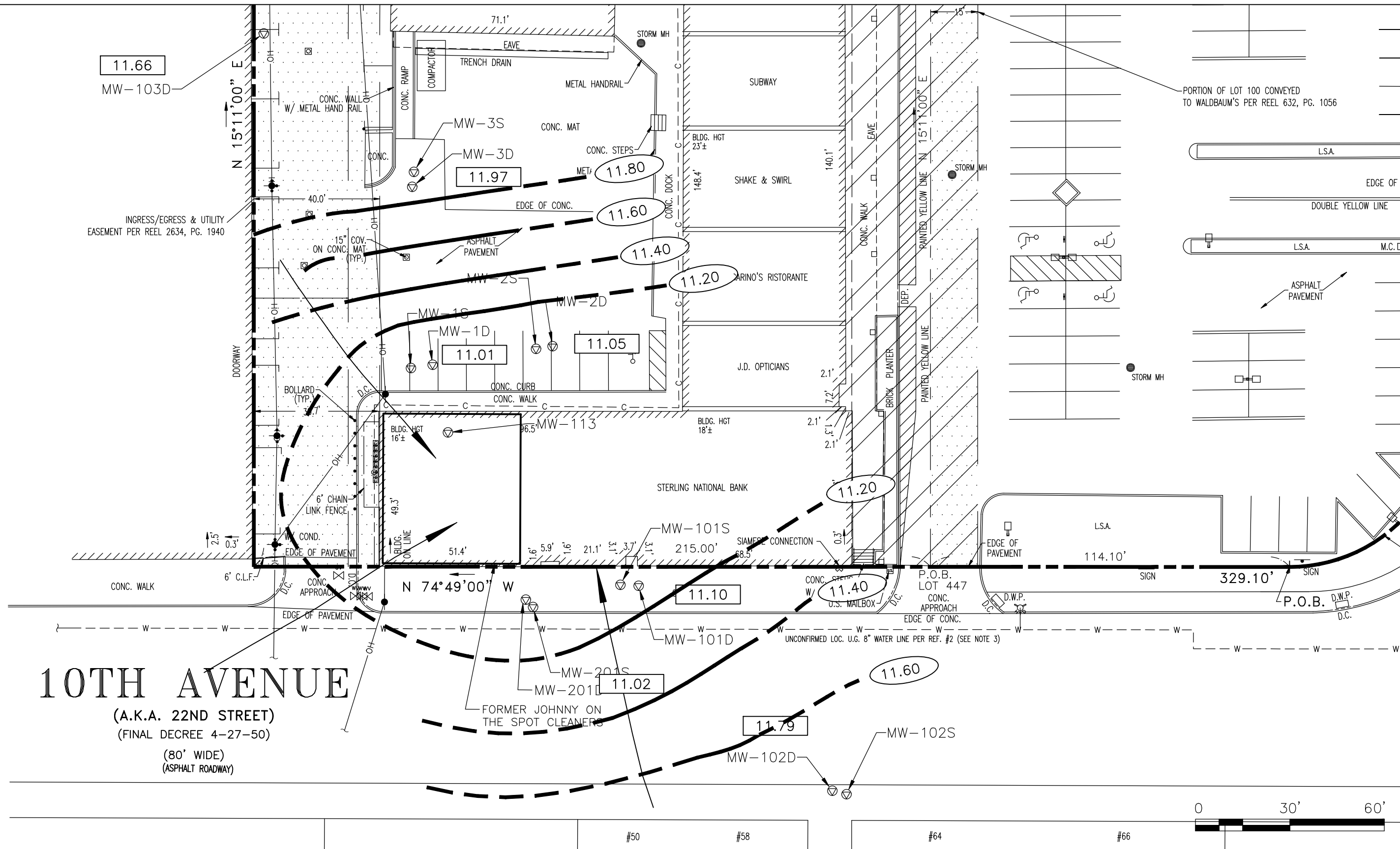
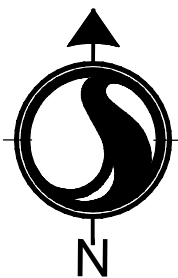
Date

2018.03.15

Figure No.

4C

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Notes

LEGEND

⊗ MW-15

MONITORING WELL DESIGNATION
AND LOCATION

S = SHALLOW WELL
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11.61

10.80

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

Client/Project

**FORMER JOHNNY ON THE SPOT
CLEANERS**

**152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125**

Project No.

191711695

Title

**DEEP
GROUNDWATER
FLOW JUNE 2022**

Revision

Reference Sheet

X-XXX

Date

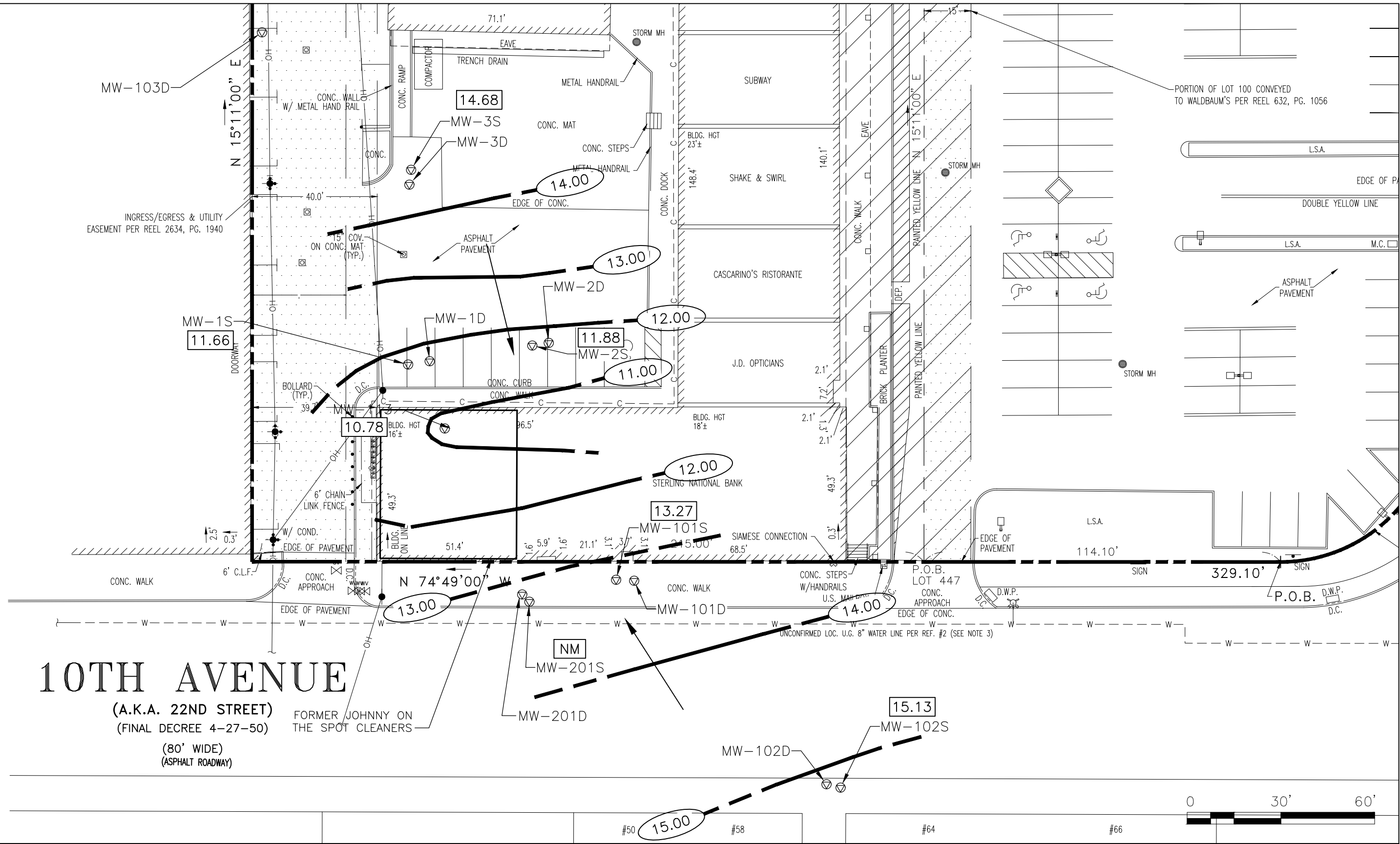
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Figure No.

4D

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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

15.82

14.5

- MEASURED WATER TABLE ELEVATION
(BASED ON WELL GAUGING DATA
COLLECTED ON SEPTEMBER 2, 2025)
- 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: SEPTEMBER 2025

Revision

Reference Sheet

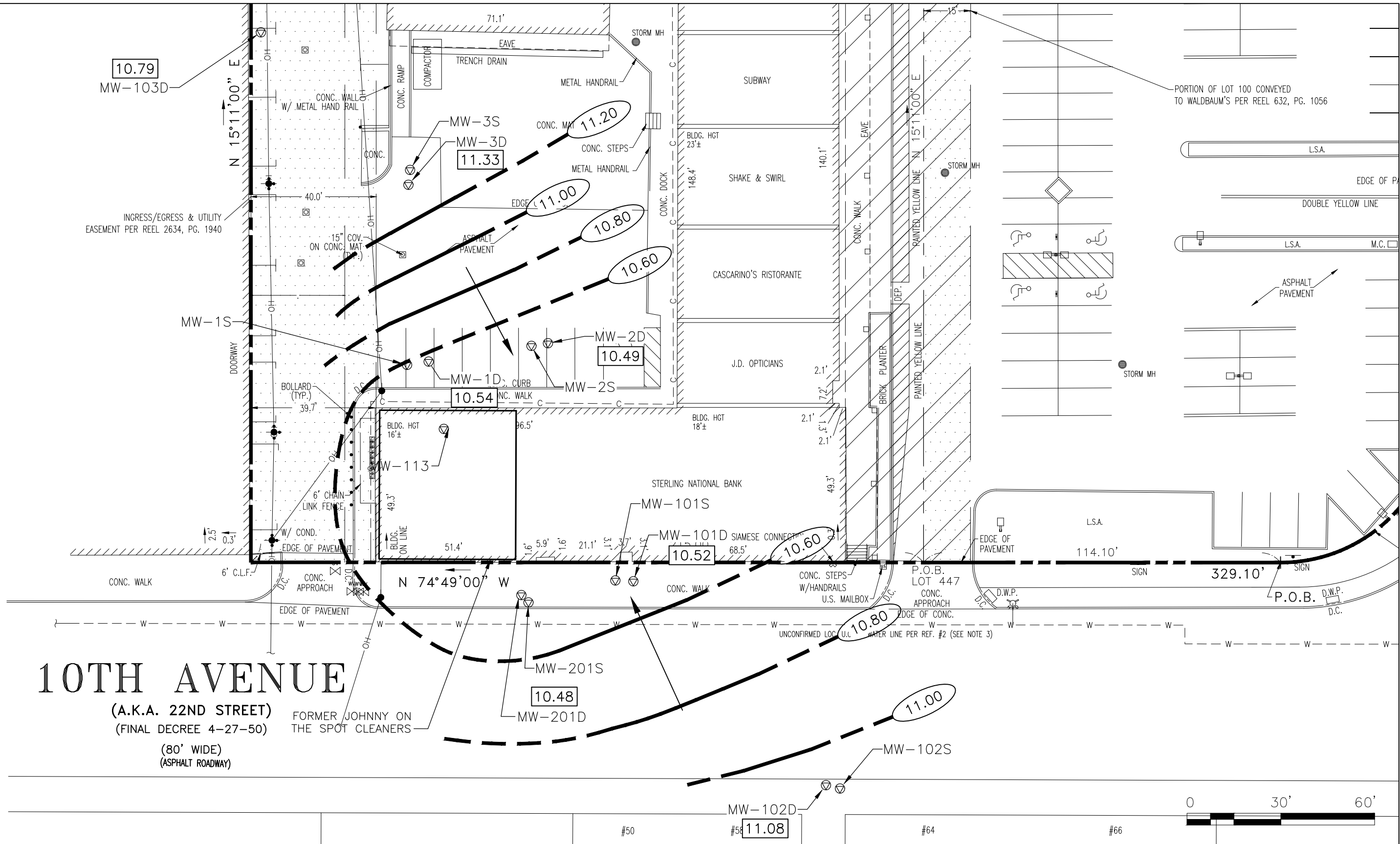
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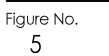
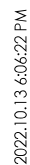
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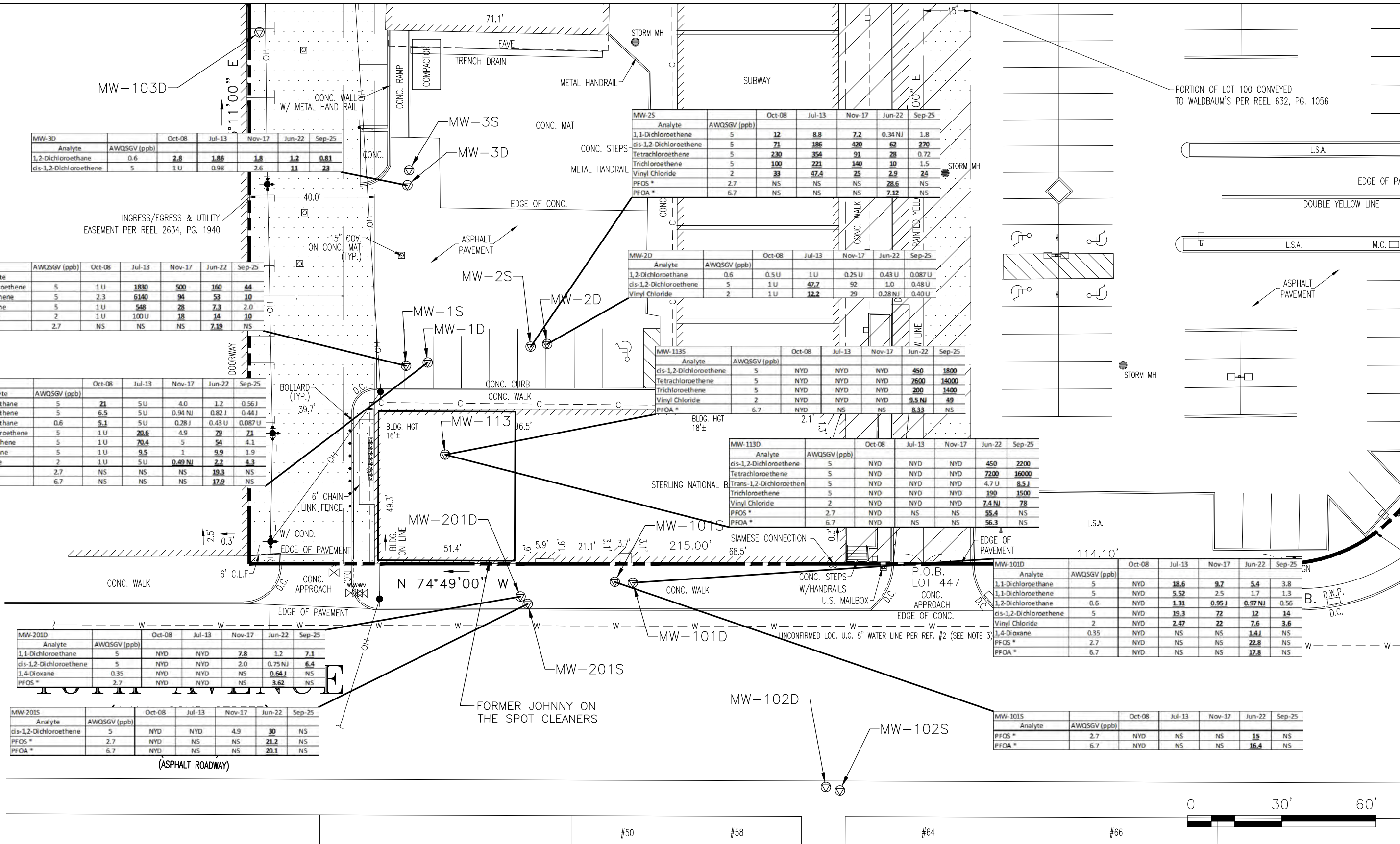
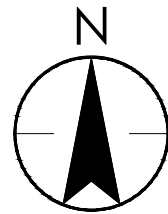
Figure No.

4E

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LEGEND

- MW-15 MONITORING WELL DESIGNATION AND LOCATION
- S SHALLOW WELL
- D DEEP WELL
- AWQSGV AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES
- * PFOS AND PFOA DATA IN PARTS PER TRILLION

Client/Project

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

Project No.

191711695

Title

CONTAMINANTS IN
GROUNDWATER EXCEEDING
AWQSGVs

Revision

Reference Sheet

X-XXX

Date

2025.10.24

Figure No.

6

VMP-4R (former Dry Cleaner)	Sample Date					
	03/30/22	03/02/23	02/14/24			
Analyte (concentration in ug/m3)						
CIS-1,2-DICHLOROETHYLENE	1.5	NJ	2.0	U	0.793	U
ETHYLBENZENE	8.7	U	2.5	NJ	0.869	U
METHYLENE CHLORIDE	17	U	17	U	12.9	U
N-HEXANE	18	U	5.4	NJ	0.705	U
O-XYLENE (1,2-DIMETHYLBENZENE)	8.7	U	2.5	NJ	0.869	U
TETRACHLOROETHYLENE (PCE)	380	U	150		111	
TOLUENE	7.5	U	2.4	NJ	0.754	U
TRICHLOROETHYLENE (TCE)	3.9		1.6	NJ	1.15	

Cleaner-1 (former Dry Cleaner)	Sample Date													
	03/09/17		02/21/18		01/23/19		10/16/19		03/29/22		03/02/23		02/14/24	
Analyte (concentration in ug/m3)														
1,2,4-TRIMETHYLBENZENE	0.98	U	0.98	U	0.71	J	0.63	NJ	0.98	U	0.63	NJ	0.983	U
2,2,4-TRIMETHYLPENTANE	0.93	U	1.2		0.83	J	0.93	U	0.93	U	0.26	NJ	0.934	U
BENZENE	0.64	U	0.76		2.2		0.60	NJ	0.25	NJ	0.74		0.639	U
CARBON TETRACHLORIDE	0.39		0.44		0.37		0.41		0.31		0.26		0.484	
CYCLOHEXANE	0.69	U	0.69	U	0.31	J	0.69	U	0.69	U	0.69	U	0.688	U
ETHYLBENZENE	0.87	U	0.87	U	0.81	J	0.52	NJ	0.87	U	0.50	NJ	0.869	U
M,P-XYLENES	2.2	U	2.2	U	2.2		0.94	NJ	2.2	U	0.93	NJ	1.74	U
METHYLENE CHLORIDE	1.7	U	1.7	U	1.7	U	0.84	NJ	1.7	U	0.91	NJ	3.61	
N-HEPTANE	0.82	U	0.82	U	0.56	J	1.1		0.82	U	0.75	NJ	0.820	U
N-HEXANE	0.70	U	0.85		0.90		1.0	JB	1.8	U	0.70	NJ	0.705	U
TETRACHLOROETHYLENE (PCE)	3.6		2.1		0.74	J	1.3	NJ	0.20	NJ	0.43	NJ	0.136	U
TOLUENE	0.87		2.2		3.7		1.7		0.75	U	1.6		0.754	U

Cleaner-3 (former Dry Cleaner)	Sample Date											
	02/21/18		01/23/19		10/16/19		03/29/22		03/02/23		02/14/24	
Analyte (concentration in ug/m3)												
1,2,4-TRIMETHYLBENZENE	0.98	U	0.98	U	0.57	NJ	0.98	U	0.98	U	0.983	U
2,2,4-TRIMETHYLPENTANE	1.1		0.49	J	0.93	U	0.93	U	0.93	U	0.934	U
BENZENE	0.73		0.80		0.69		0.39	NJ	0.16	NJ	0.639	U
CARBON TETRACHLORIDE	0.45		0.30		0.42		0.36		0.15	NJ	0.497	
ETHYLBENZENE	0.87	U	0.87	U	0.46	NJ	0.87	U	0.24	NJ	0.869	U
M,P-XYLENES	2.2	U	0.76	J	0.89	NJ	2.2	U	2.2	U	1.74	U
METHYLENE CHLORIDE	1.7	U	1.7	U	0.84	NJ	0.60	NJ	1.5	NJ	1.74	U
N-HEPTANE	0.82	U	0.82	U	0.88		0.45	NJ	0.82	U	2.63	
N-HEXANE	0.81		0.70	U	0.95	JB	1.8	U	1.8	U	0.705	U
TETRACHLOROETHYLENE (PCE)	7.0		0.55	J	0.21	NJ	1.4	U	1.4	U	0.136	U
TOLUENE	2.1		1.5		1.6		0.42	NJ	0.75	U	0.754	U

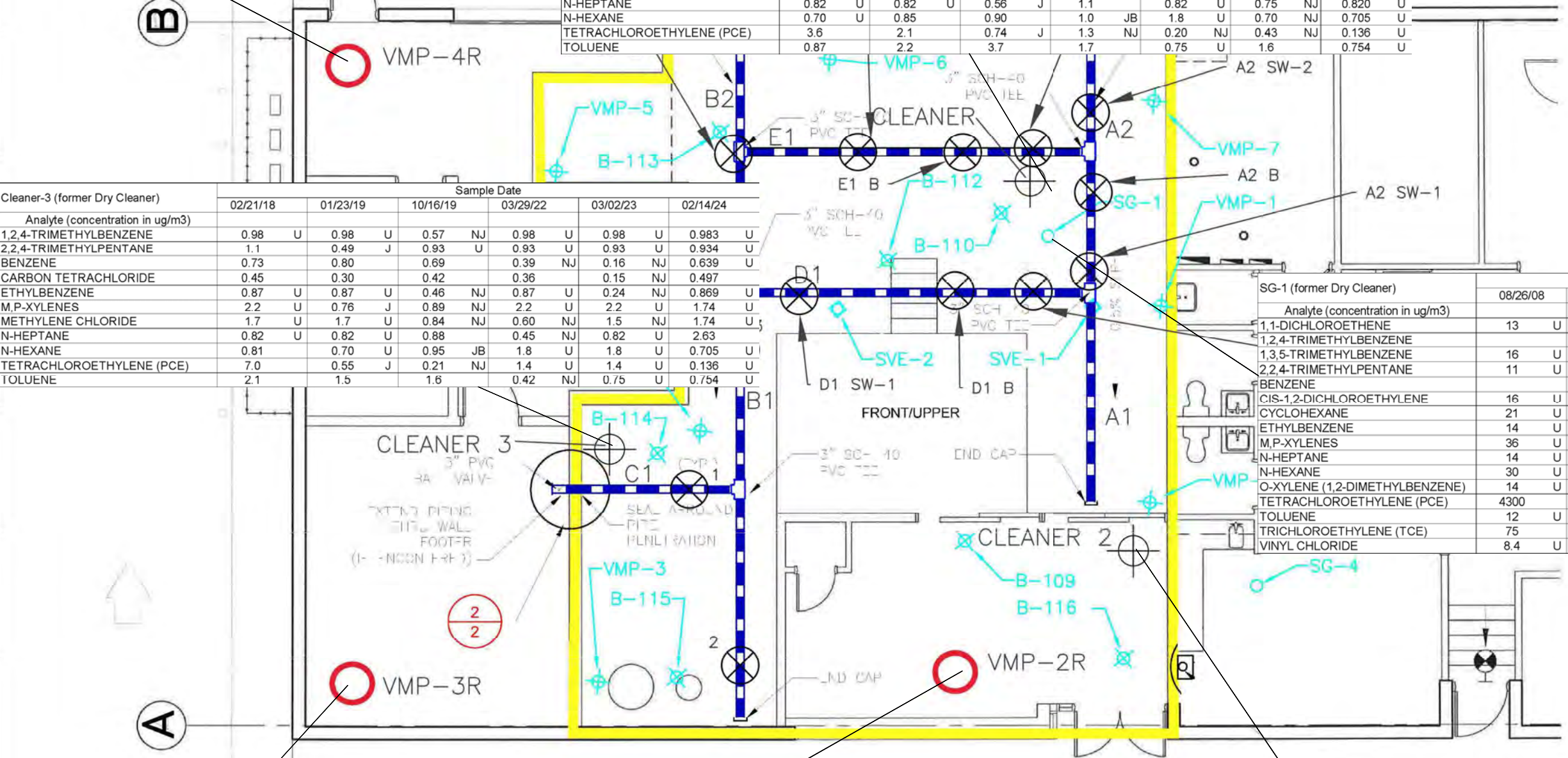
SG-1 (former Dry Cleaner)	Sample Date					
	08/26/08	06/19/13	07/11/13	10/16/13	03/10/17	02/21/18
Analyte (concentration in ug/m3)						
1,1-DICHLOROETHENE	13	U			21	16
1,2,4-TRIMETHYLBENZENE		72.76	14.5	91.93	15	36
1,3,5-TRIMETHYLBENZENE	16	U	24.58	16.9	143.55	14
2,2,4-TRIMETHYLPENTANE	11	U			14	79
BENZENE		17.23	16.9	93.15	9.7	6.4
CIS-1,2-DICHLOROETHYLENE	16	U	19.83	6.76	115.78	22
CYCLOHEXANE	21	U	17.21	16.9	100.51	18
ETHYLBENZENE	14	U	49.42	16.9	78.47	26
M,P-XYLENES	36	U	224.57	16.9	345.1	78
N-HEPTANE	14	U	20.49	16.9	119.67	31
N-HEXANE	30	U	35.61	16.9	325.76	35
O-XYLENE (1,2-DIMETHYLBENZENE)	14	U	52.89	16.9	134.4	44
TETRACHLOROETHYLENE (PCE)	4300		2746.38	2610	16,614	75
TOLUENE	12	U	171.58	6.42	360.85	37
TRICHLOROETHYLENE (TCE)	75		192.4	188	1101.72	97
VINYL CHLORIDE	8.4	U	59.56	43.3	74.64	78

VMP-3R (former Dry Cleaner)	Sample Date					
	03/30/22	03/02/23	02/14/24			
Analyte (concentration in ug/m3)						
METHYLENE CHLORIDE	27	J	17	U	1.74	U
NAPHTHALENE	26	UJ	37		NT	
N-HEPTANE	3.1	NJ	8.2	U	0.82	U
N-HEXANE	9.0	NJ	18	U	0.705	U
TETRACHLOROETHYLENE (PCE)	13	NJ	25		50.7	
TOLUENE	5.3	NJ	1.6	NJ	0.912	

VMP-2R (former Dry Cleaner)	Sample Date					
	03/30/22	03/02/23	02/14/24			
Analyte (concentration in ug/m3)						
1,2,4-TRIMETHYLBENZENE	3.3	NJ	9.8	U	0.983	U
BENZENE	6.4	U	1.5	NJ	1.20	
ETHYLBENZENE	8.7	U	2.7	NJ	0.869	U
METHYLENE CHLORIDE	17	U	17	U	6.53	
O-XYLENE (1,2-DIMETHYLBENZENE)	8.7	U	2.4	NJ	0.869	U
TETRACHLOROETHYLENE (PCE)	43		59		5.93	
TOLUENE	6.3	NJ	3.5	NJ	2.52	
TRICHLOROETHYLENE (TCE)	6.0		7.2		1.07	U

Cleaner-2 (former Dry Cleaner)	Sample Date											
	02/21/18		01/23/19		10/16/19		03/29/22		03/02/23		02/14/24	
Analyte (concentration in ug/m3)												
1,2,4-TRIMETHYLBENZENE	0.98	U	0.98	U	0.60	NJ	0.98	U	1.6		0.983	U
1,3,5-TRIMETHYLBENZENE	0.98	U	0.98	U	0.98	U	0.98	U	0.46	NJ	0.983	U
2,2,4-TRIMETHYLPENTANE	1.1		0.56	J	0.93	U	0.93	U	0.93	U	0.934	U
BENZENE	0.73		0.99		0.65		0.42	NJ	0.69		0.639	U
CARBON TETRACHLORIDE	0.46		0.35		0.38		0.35		0.28		0.510	
ETHYLBENZENE	0.87	U	0.37	J	0.44	NJ	0.87	U	0.61	NJ	0.869	U
M,P-XYLENES	2.2	U	0.86	J	0.84	NJ	2.2	U	1.2	NJ	1.74	U
METHYLENE CHLORIDE	1.7	U	1.7	U	0.78	NJ	0.82	NJ	1.2	NJ	1.74	U
N-HEPTANE	0.82	U	0.82	U	0.97		0.59	NJ	1.0		2.81	J
N-HEXANE	0.87		0.70	U	0.92	JB	1.8	U	1.1	NJ	0.705	U
TETRACHLOROETHYLENE (PCE)	6.0		0.54	J	1.4	U	0.21	NJ	0.19	NJ	0.136	U
TOLUENE	2.1		1.9		1.4		0.44	NJ	1.5		0.754	U

- LEGEND**
- ⊗ B-110 SOIL BORING DESIGNATION AND LOCATION
 - ⊕ VMP-1 VACUUM MONITORING POINTS
 - ⊖ SVE-1 VAPOR RECOVERY POINTS
 - LIMITS OF JOHNNY ON THE SPOT INTERIOR
 - SG-1 SUB-SLAB SOIL GAS PROBE
 - Locations for replacement VMPs
 - ⊕ Indoor Air Sample Locations
 - ⊗ SOIL SAMPLE LOCATIONS
 - A2 SUB-SLAB PIPING SEGMENTS



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FOR: FORMER JOHNNY ON THE SPOT
CLEANERS
152-45 TO 153-01 10TH AVE
WHITESTONE, QUEENS, NY
BCP SITE ID C241125

JOB NUMBER: DRAWN BY: ESW
CHECKED BY: PV
APPROVED BY: PV

**VOC CONCENTRATIONS IN
SSSG AND IA: FORMER DRY
CLEANER**

FIGURE:
7A
06/13/18

FIGURE 8
Plots of Total cVOCs over Time
former Johnny on the Spot Cleaner: DEC Site No. C241125
152 10th Avenue, Whitestone, NY

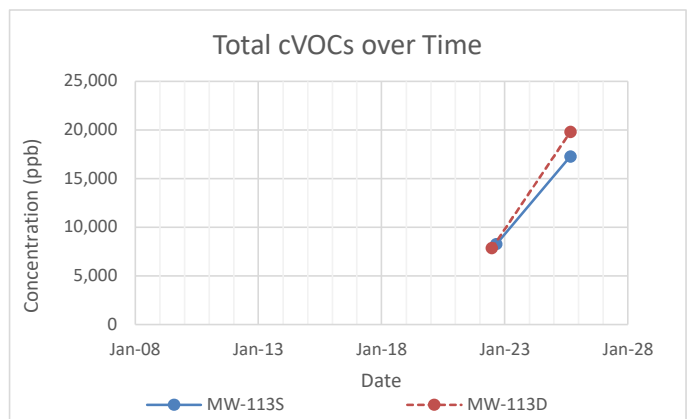
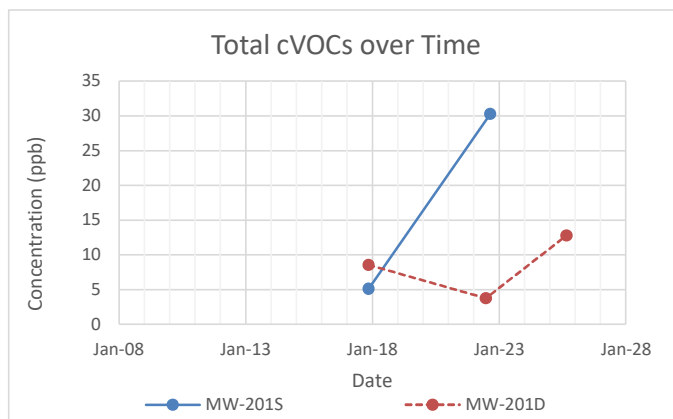
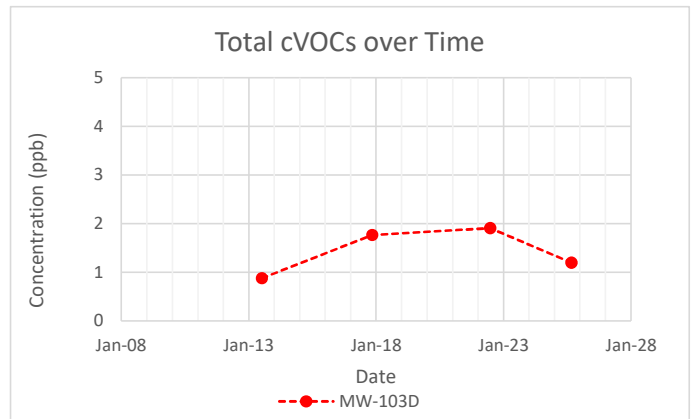
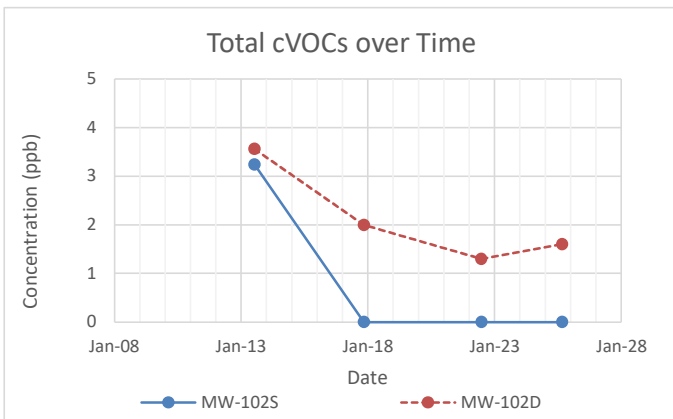
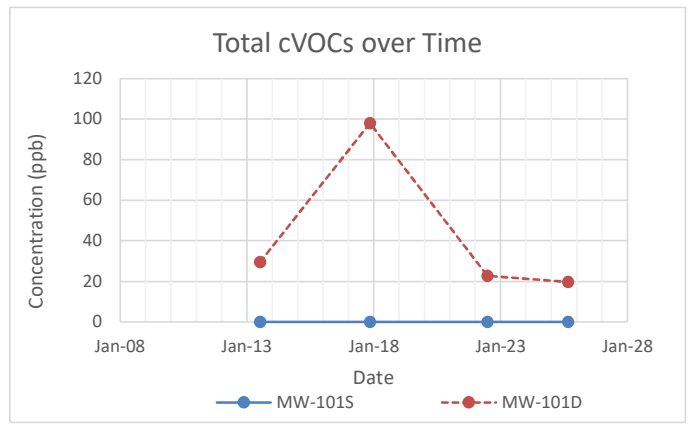
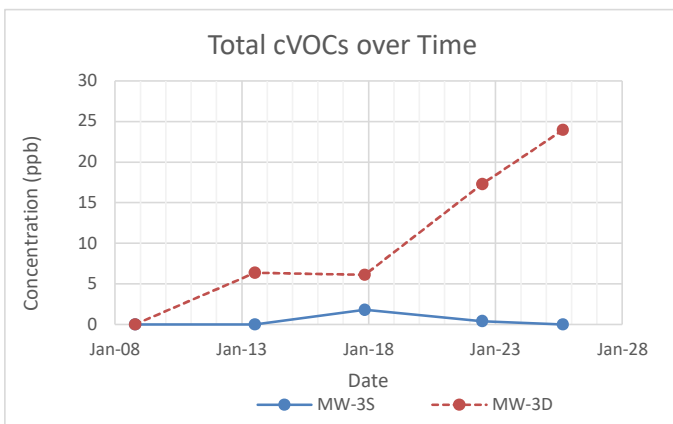
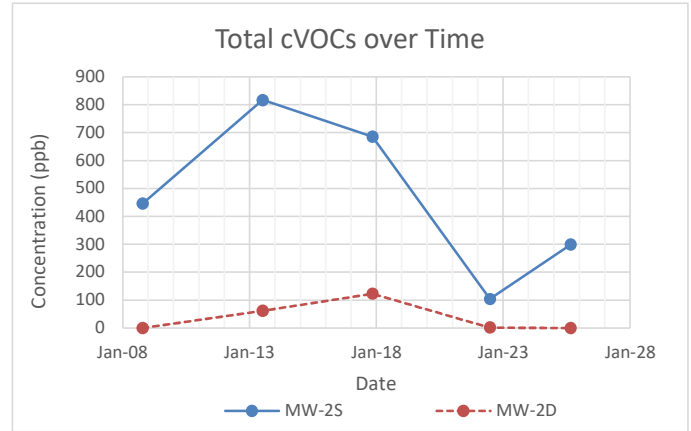
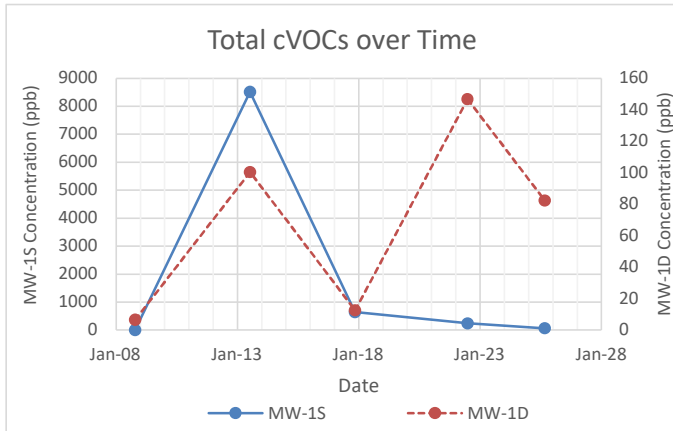
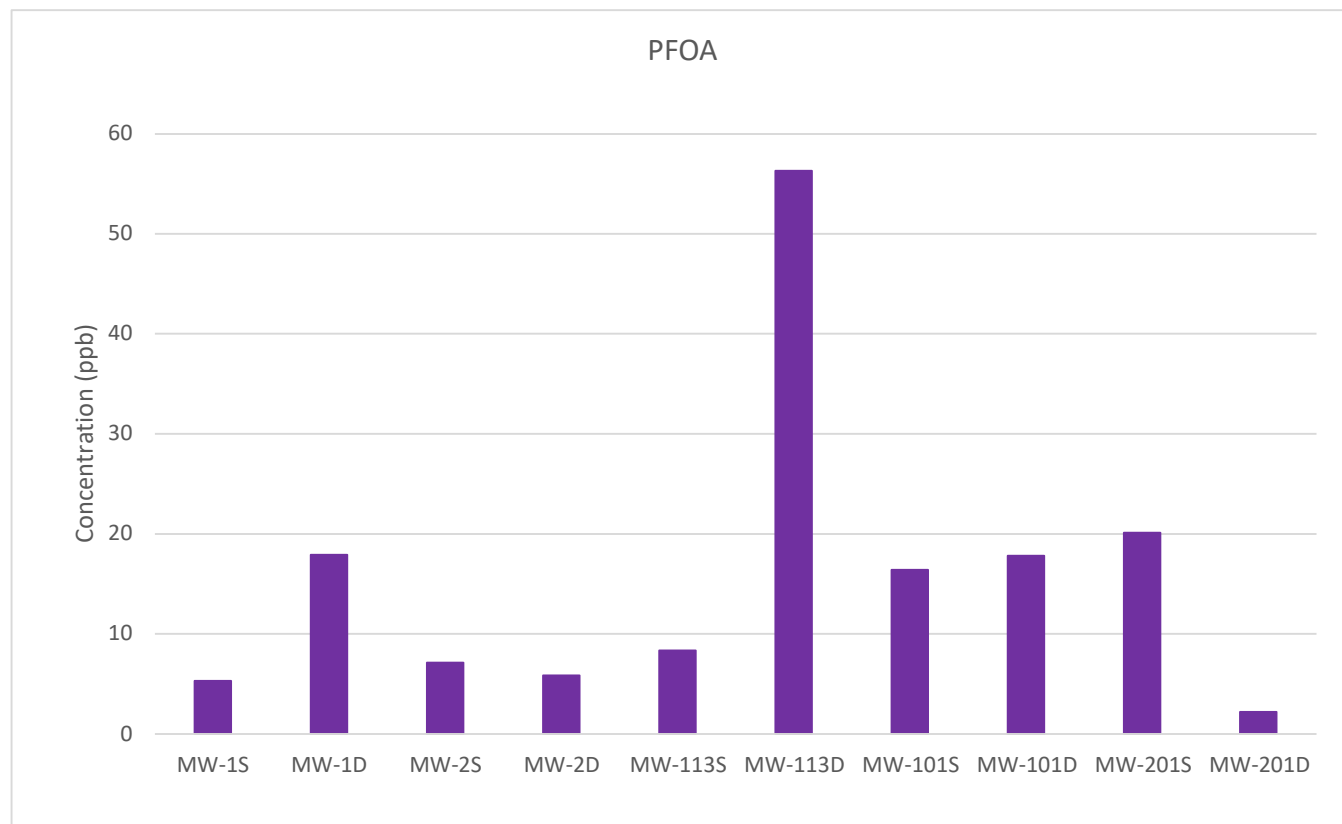
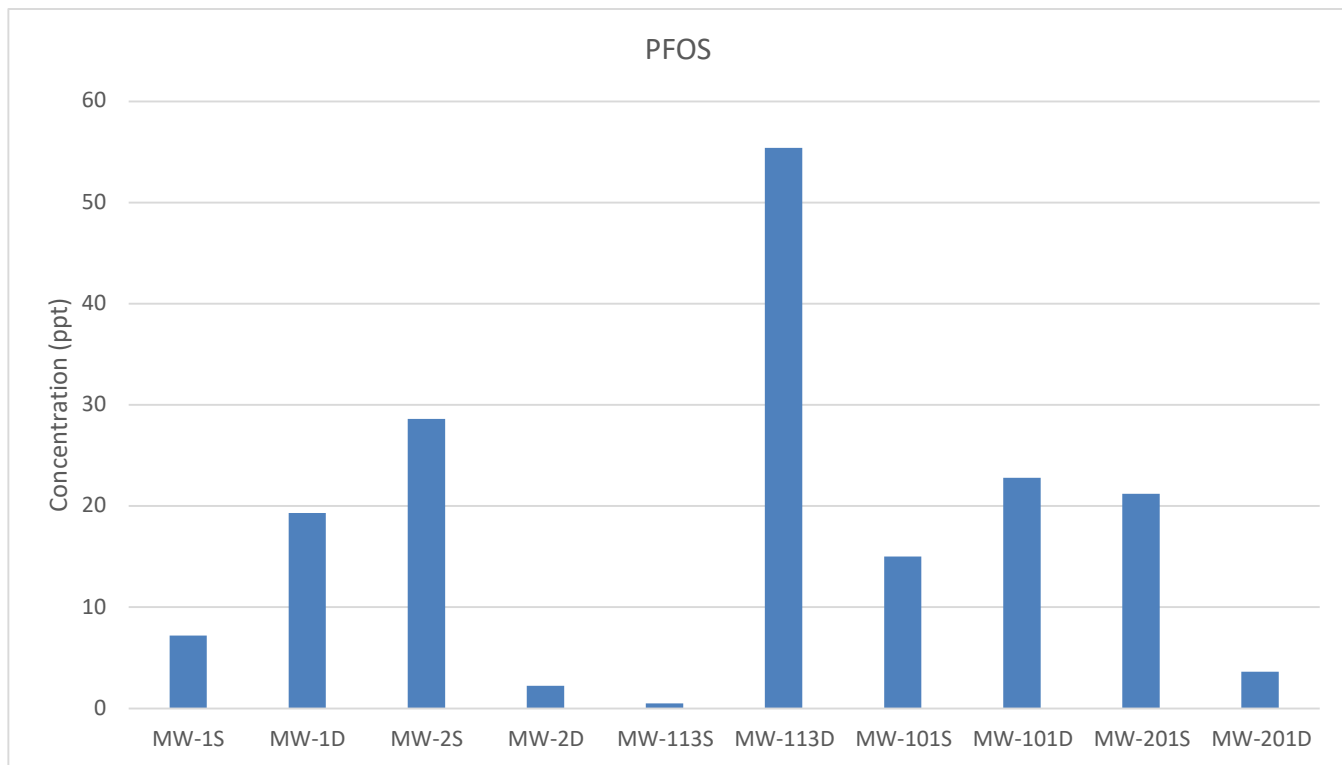


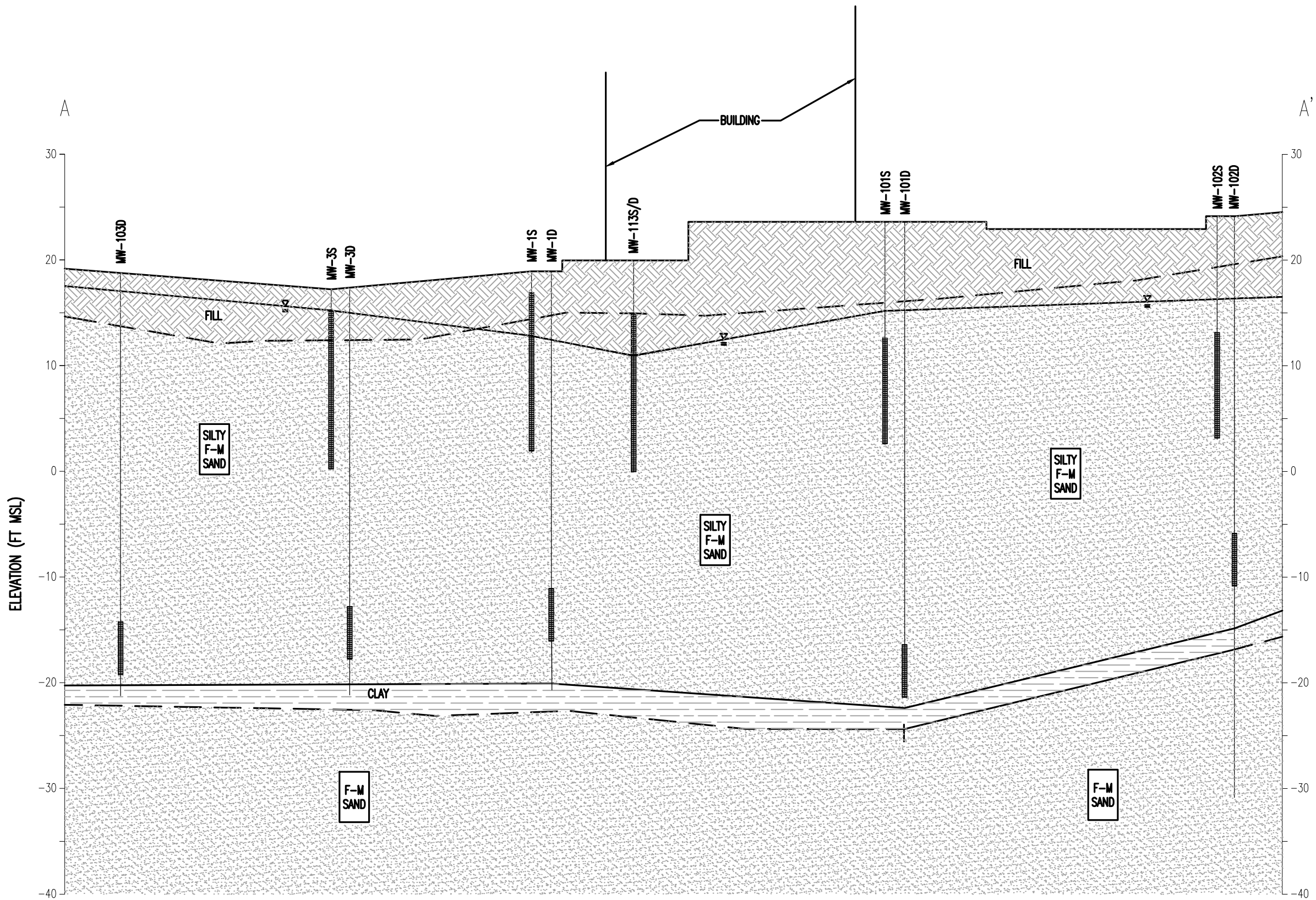
FIGURE 9
PFAS Concentrations in Site Wells: June 2022
Former Johnny on the Spot Cleaner: DEC Site No. C241125



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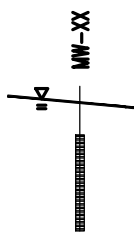
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VERT SCALE: 1"=10'
HOR SCALE: 1"=30'



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www.stantec.com

Legend



MONITORING WELL

WATER TABLE

SCREENED INTERVAL

Client/Project

FORMER JOHNNY ON THE
SPOT CLEANERS
152-45 TO 153-01 10TH AVENUE
WHITESTONE, QUEENS, NEW YORK
BCP SITE ID C241125

Project No.

191711695

Title

GEOLOGIC
CROSS-SECTION A-A'

Revision

Reference Sheet

Date

2025.10.27

Figure No.

10

APPENDIX A

Copies of Pertinent Figures and Data Tables From Previous Reports

CONTROL POINT ASSOCIATES, INC. - ALL RIGHTS RESERVED. FOR THE PARTIAL BOUNDARY AND TOPOGRAPHIC SURVEY OF THE WHITESTONE GROCERY SHOPPING CENTER, LLC, THE PURPOSE ORIGINALLY INTENDED, WITHOUT THE WRITTEN PERMISSION OF CONTROL POINT ASSOCIATES, INC. IS PROHIBITED.



THE STATE OF NEW YORK REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.

SCHEDULE 'A' METES & BOUNDS DESCRIPTION

OVERALL DESCRIPTION

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING AT WHITESTONE, THIRD WARD, BOROUGH AND COUNTY OF QUEENS, CITY AND STATE OF NEW YORK, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHERLY SIDE OF 10TH AVENUE (A/K/A 22ND STREET) AT THE SOUTHWESTERLY END OF A CURVE CONNECTING THE NORTHERLY SIDE OF 10TH AVENUE WITH THE WESTERLY SIDE OF 154TH STREET (A/K/A 14TH AVENUE);

RUNNING THENCE ALONG THE NORTHERLY SIDE OF 10TH AVENUE, NORTH 74 DEGREES 49 MINUTES 00 SECONDS WEST, A DISTANCE OF 329.10 FEET TO LAND NOW OR FORMERLY OF SR F PARTNERSHIP L.P.;

THENCE NORTH 15 DEGREES 11 MINUTES 00 SECONDS EAST, A DISTANCE OF 524.03 FEET TO LAND NOW OR FORMERLY OF BERL AND FREDA U. CAMP;

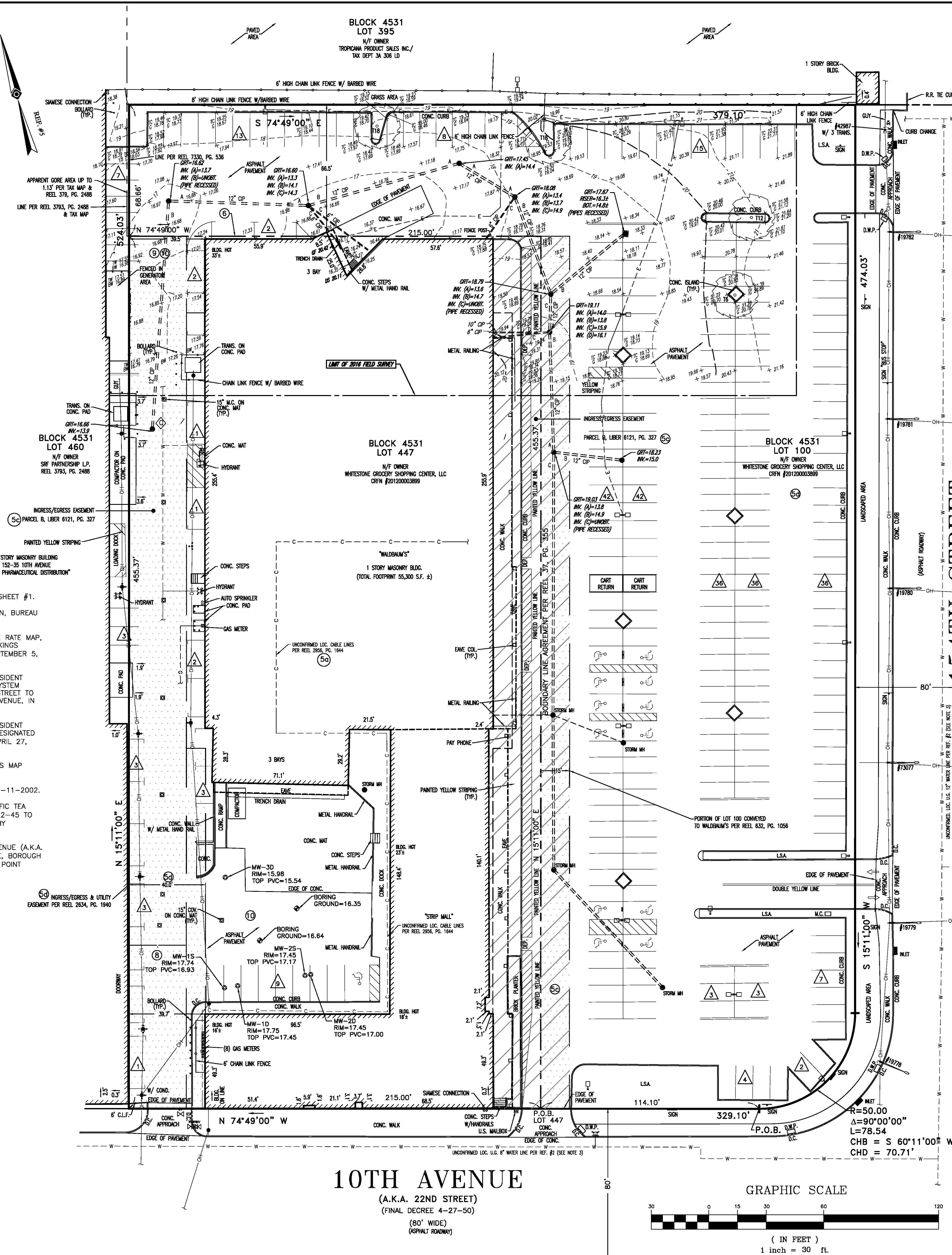
THENCE ALONG SAID LAND, SOUTH 74 DEGREES 49 MINUTES 00 SECONDS EAST, 379.10 FEET TO THE WESTERLY SIDE OF 154TH STREET;

THENCE ALONG THE WESTERLY SIDE OF 154TH STREET, SOUTH 15 DEGREES 11 MINUTES 00 SECONDS WEST, A DISTANCE OF 474.03 FEET TO A POINT OF CURVATURE;

THENCE ALONG THE ARC OF A CURVE CONNECTING THE WESTERLY SIDE OF 154TH STREET WITH THE NORTHERLY SIDE OF 10TH AVENUE, CURVING TO THE RIGHT HAVING A RADIUS OF 50.00 FEET, BEARING A CENTRAL ANGLE OF 90 DEGREES 00 MINUTES 00 SECONDS WITH AN ARC LENGTH OF 78.54 FEET BEARING A CHORD OF SOUTH 80 DEGREES 11 MINUTES 00 SECONDS WEST, AND A CHORD DISTANCE OF 70.71 FEET TO THE POINT OR PLACE OF BEGINNING.

REFERENCES:

1. THE OFFICIAL NYC DIGITAL TAX MAP OF THE COUNTY OF QUEENS, NEW YORK, SHEET #1.
2. MAP ENTITLED "CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF WATER AND SEWER OPERATIONS", MAP NO.'S DDM 035-13 & 18.
3. MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, CITY OF NEW YORK, NEW YORK, BRONX, RICHMOND, NEW YORK, QUEENS AND KINGS COUNTIES", PANEL 116 OF 457 MAP NUMBER 3604970116F, MAP REVISED SEPTEMBER 5, 2007.
4. MAP ENTITLED "CITY OF NEW YORK, BOROUGH OF QUEENS OFFICE OF THE PRESIDENT TOPOGRAPHICAL BUREAU MAP NO. 3187 SHOWING A CHANGE IN THE STREET SYSTEM HERETOFORE LAID OUT, ELIMINATING POWELLS COVE BOULEVARD FROM 152ND STREET TO 152ND PLACE AND 152ND PLACE FROM POWELLS COVE BOULEVARD TO 10TH AVENUE, IN THE THIRD WARD NEW YORK", DATED MARCH 12, 1947.
5. MAP ENTITLED "CITY OF NEW YORK, BOROUGH OF QUEENS OFFICE OF THE PRESIDENT TOPOGRAPHICAL BUREAU MAP SHOWING STREET SYSTEM FOR THE TERRITORY, DESIGNATED AS SECTION 58 OF THE FINAL MAPS OF THE BOROUGH OF QUEENS", DATED APRIL 27, 1928.
6. MAP ENTITLED "JOHN D. LOCKE EST. WHITESTONE L.I.", FILED JULY 26, 1884 AS MAP #382- SHEET #1.
7. ZONING MAP, THE NEW YORK CITY PLANNING COMMISSION, MAP # 70, DATED 2-11-2002.
8. MAP ENTITLED "MONITORING WELL LOCATION PLAN, THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC., WALBAUMS SUPERMARKET/JONNY ON THE SPOT CLEANERS, 1522-45 TO 153-01 10TH AVENUE, WHITESTONE, QUEENS COUNTY, NEW YORK" PREPARED BY WHITESTONE ASSOCIATES, INC., DATED SEPTEMBER 8, 2008.
9. MAP ENTITLED "WHITESTONE GROCERY SHOPPING CENTER, LLC, 15301 10TH AVENUE (A.K.A. 710 154TH STREET), LOTS 100 & 447, BLOCK 4531, SECTION 23, WHITESTONE, BOROUGH & COUNTY OF QUEENS, CITY & STATE OF NEW YORK" PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED DECEMBER 3, 2013.

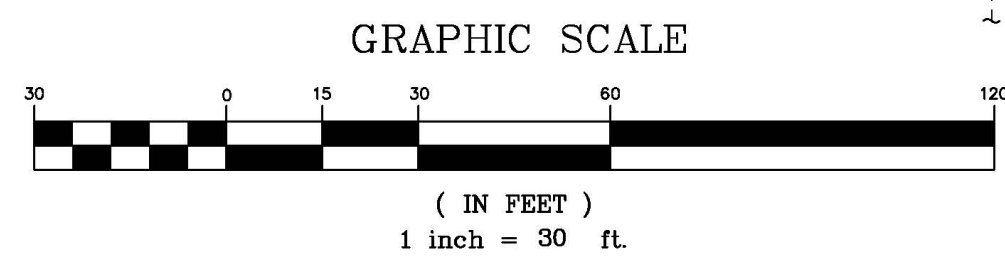


POWELLS COVE BOULEVARD (A.K.A. BOULEVARD) (80' WIDE)

154TH STREET (A.K.A. 14TH AVENUE) (FINAL DEGREE 4-27-50) (80' WIDE)

9TH AVENUE (A.K.A. 33RD STREET) (60' WIDE)

10TH AVENUE (A.K.A. 22ND STREET) (FINAL DEGREE 4-27-50) (80' WIDE) (ASPHALT ROADWAY)



LEGEND	
	HYDRANT
	WATER VALVE
	GAS VALVE
	OVERHEAD WIRES
	APPROX. LOC. UNDERGROUND CABLE LINE
	APPROX. LOC. UNDERGROUND WATER LINE
	APPROX. LOC. UNDERGROUND GAS LINE
	APPROX. LOC. UNDERGROUND ELECTRIC LINE
	UTILITY POLE
	UTILITY POLE/LIGHT POLE
	GUY WIRE
	MONITORING WELL
	SOIL BORING
	GAS METER
	SIGN
	MAIL BOX
	BOLLARD
	DEPRESSED CURB
	CHAIN LINK FENCE
	METAL COVER
	AREA LIGHT
	PAY PHONE
	PAINTED ARROWS
	TITLE REPORT EXCEPTION
	PARKING SPACE COUNT
	ENCROACHMENT

NOTES:

1. PROPERTY KNOWN AS LOTS 100 & 447, BLOCK 4531, SECTION 23 AS SHOWN ON THE OFFICIAL TAX MAP OF THE COUNTY OF QUEENS, NEW YORK.
2. AREA LOT 447 = 97,904 S.F. OR 2,248 AC.
AREA LOT 100 = 100,219 S.F. OR 2,300 AC.
AREA TOTAL = 198,123 S.F. OR 4,548 AC.
3. THE LOCATION OF ALL UNDERGROUND UTILITIES HAVE NOT BEEN SHOWN. UTILITY INFORMATION SHOWN IS LIMITED TO VISIBLE UTILITY HARDWARE AND UTILITY MARKOUTS AT THE SURFACE AND DOES NOT INCLUDE SUCH ITEMS AS SUBSURFACE PIPING, UTILITY LINES, ETC. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE PROPER UTILITY COMPANIES. CONTROL POINT ASSOCIATES, INC. DOES NOT GUARANTEE THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED.
4. THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
5. THE PURPOSE OF THIS SURVEY IS TO DEPICT TOPOGRAPHIC AND EXISTING CONDITIONS OF A PORTION OF THE SUBJECT PROPERTY. AREAS OUTSIDE OF THE CURRENT SURVEY LIMITS ARE SHOWN PER REFERENCE #9 AND MAY OR MAY NOT REFLECT CURRENT CONDITIONS.
6. BOUNDARY AND TITLE CONDITIONS HAVE NOT BEEN UPDATED AS PART OF THIS SURVEY.
7. THIS SURVEY IS PREPARED WITH REFERENCE TO A TITLE REPORT PREPARED BY EAST COAST ABSTRACT, INC., TITLE NUMBER ECA45450 WITH AN EFFECTIVE DATE OF 10/09/2013. WHERE THE FOLLOWING SURVEY RELATED EXCEPTIONS APPEAR IN SCHEDULE B:
 - (50) TELEPHONE EASEMENT RECORDED IN REEL 2856, PAGE 1844 - APPROX. LOC. OF CONDUITS SHOWN PER DEED EXHIBIT; AFFECTS SUBJECT PREMISES.
 - (5b) EASEMENTS RECORDED IN LIBER 5999 PAGE 665 - INGRESS & EGRESS EASEMENT; - NO LONGER AFFECTS SUBJECT PROPERTY
 - (5c) EASEMENT RECORDED IN LIBER 6121 PAGE 327 - REFERS TO RIGHTS FOR FIRE SPRINKLER MAIN; - SHOWN.
 - (5d) EASEMENT AGREEMENT RECORDED IN REEL 2634, PAGE 1940 - AFFECTS SUBJECT PROPERTY SHOWN.
8. THE EXISTENCE OF UNDERGROUND STORAGE TANKS, IF ANY, WAS NOT KNOWN AT THE TIME OF THE FIELD SURVEY.
9. PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER REF. #3.
10. PROPERTY IS LOCATED IN ZONE M-1 (MANUFACTURING DISTRICT) PER REF. #7. AN IN-DEPTH ZONING ANALYSIS HAS NOT BEEN PERFORMED. ZONING INFORMATION MUST BE CONFIRMED WITH THE NEW YORK CITY PLANNING COMMISSION, PRIOR TO USE.
11. ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON GPS OBSERVATIONS UTILIZING THE KEYSTONE VRS NETWORK (KEYNETGPS) CORRS REFERENCE STATION: NYQN.
12. UNDERGROUND UTILITY MARKOUT PERFORMED BY CONTROL POINT ASSOCIATES UTILIZING ELECTROMAGNETIC DETECTION EQUIPMENT. SEE NOTE 3.

PARKING COUNT SUMMARY

REGULAR PARKING SPACES:	268
HANDICAPPED PARKING SPACES:	13
TOTAL PARKING SPACES:	281

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

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

THIS SURVEY HAS BEEN PERFORMED IN THE FIELD UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION, THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENTLY ACCEPTED ACCURACY STANDARDS.

JAMES D. SENS
NEW YORK PROFESSIONAL LAND SURVEYOR #50846

08/04/2016
DATE

FIELD DATE 7-21-2016	PARTIAL BOUNDARY AND TOPOGRAPHIC SURVEY WHITESTONE GROCERY SHOPPING CENTER, LLC 15301 10TH AVENUE (A.K.A. 710 154TH STREET) LOTS 100 & 447, BLOCK 4531, SECTION 23 WHITESTONE, BOROUGH & COUNTY OF QUEENS CITY & STATE OF NEW YORK			
FIELD BOOK NO. 16.35	CONTROL POINT ASSOCIATES, INC. PC 14 PENN PLAZA, 225 WEST 34TH STREET NEW YORK, NY 10012 646.780.0411 - 908.668.9595 FAX WWW.CPASURVEY.COM			
FIELD BOOK PL. 53				
DRAWN: R.A.B.	WARREN NJ 908.668.0099 CITIAL POINT, PA 215.712.9800 MT LAUREL, NJ 609.487.2666 LONG ISLAND, NY 631.381.2645 SOUTHERN CALIFORNIA, CA 908.548.3000			
REVIEWED: G.J.S.				
APPROVED: J.C.W.	DATE 08-04-2016	SCALE 1"=30'	FILE NO. C03376.06	DWG. NO. 1 OF 1

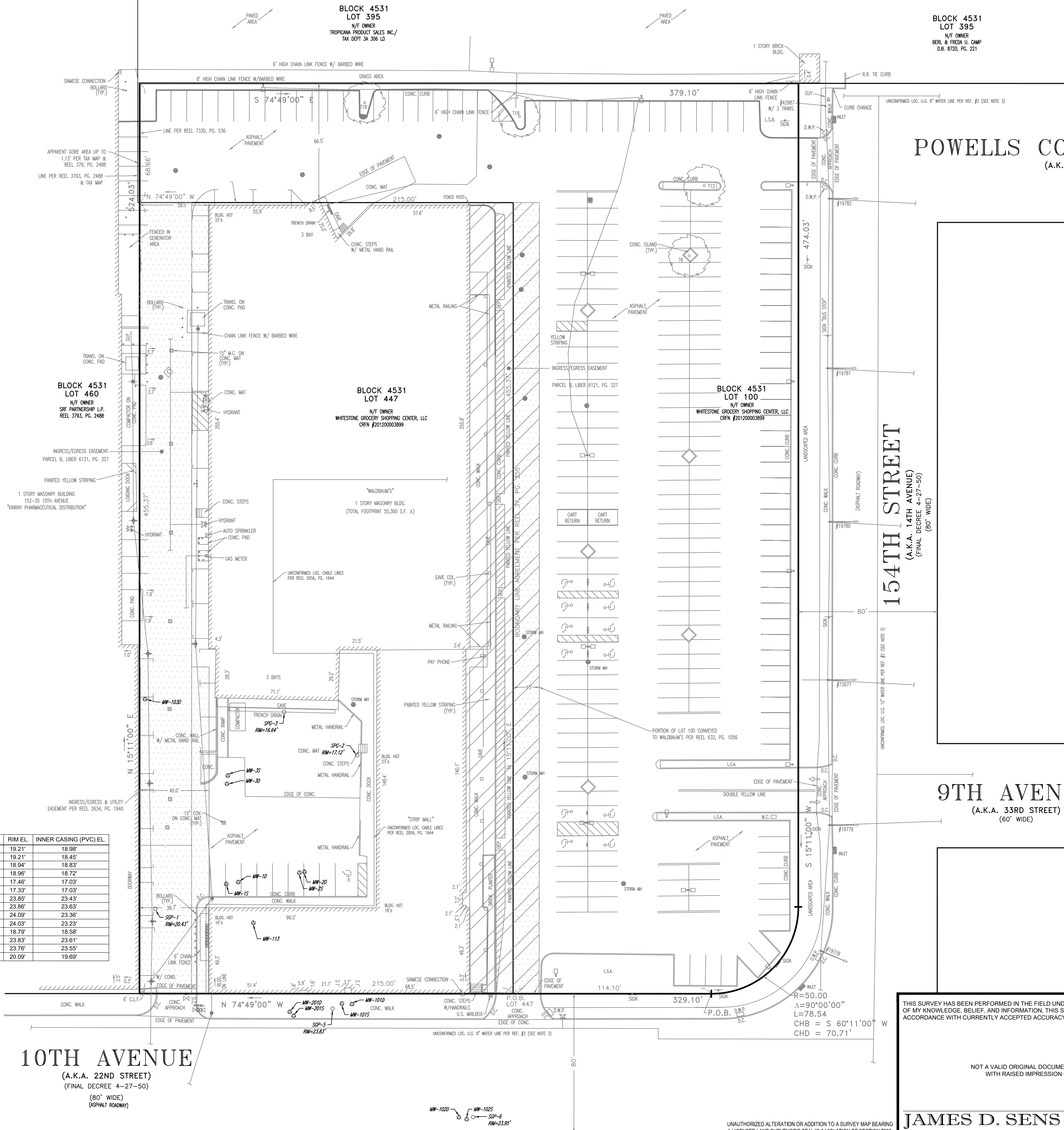
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THE STATE OF NEW YORK REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.

MONITORING WELL LOCATION CHART						
WELL NO.	NORTHING	EASTING	LATITUDE	LONGITUDE	GROUND EL.	INNER CASING (PVC) EL.
MW-1D	228494.02	1037314.55	N40° 47' 37.25"	W73° 48' 30.08"	19.2'	19.21'
MW-1S	228493.77	1037307.67	N40° 47' 37.25"	W73° 48' 30.17"	19.2'	19.21'
MW-2D	228496.02	1037353.01	N40° 47' 37.27"	W73° 48' 29.58"	18.9'	18.94'
MW-2S	228495.94	1037350.13	N40° 47' 37.27"	W73° 48' 29.62"	18.9'	18.96'
MW-3D	228550.95	1037313.85	N40° 47' 37.81"	W73° 48' 30.09"	17.4'	17.46'
MW-3S	228555.65	1037314.84	N40° 47' 37.86"	W73° 48' 30.08"	17.3'	17.33'
MW-101D	228417.62	1037372.56	N40° 47' 36.49"	W73° 48' 29.33"	23.8'	23.85'
MW-101S	228418.45	1037366.83	N40° 47' 36.50"	W73° 48' 29.40"	23.8'	23.86'
MW-102D	228346.50	1037427.17	N40° 47' 35.79"	W73° 48' 28.62"	24.1'	24.09'
MW-102S	228344.97	1037431.52	N40° 47' 35.77"	W73° 48' 28.56"	24.0'	24.03'
MW-103D	228604.26	1037271.87	N40° 47' 38.34"	W73° 48' 30.63"	18.9'	18.79'
MW-201D	228416.82	1037336.50	N40° 47' 36.48"	W73° 48' 29.80"	23.8'	23.83'
MW-201S	228414.26	1037338.49	N40° 47' 36.46"	W73° 48' 29.77"	23.8'	23.76'
MW-113	228469.90	1037320.82	N40° 47' 37.01"	W73° 48' 30.00"	20.1'	20.09'

10TH AVENUE
(A.K.A. 22ND STREET)
(FINAL DECREE 4-27-50)
(80' WIDE)
(ASPHALT ROADWAY)



POWELLS COVE BOULEVARD
(A.K.A. BOULEVARD)
(80' WIDE)

154TH STREET
(A.K.A. 14TH AVENUE)
(FINAL DECREE 4-27-50)
(80' WIDE)

9TH AVENUE
(A.K.A. 33RD STREET)
(60' WIDE)

NOTES:

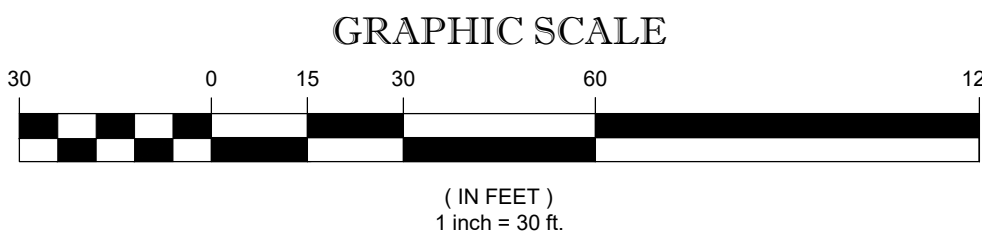
- PROPERTY KNOWN AS LOTS 100 & 447, BLOCK 4531, SECTION 23 AS SHOWN ON THE OFFICIAL TAX MAP OF THE COUNTY OF QUEENS, NEW YORK.
- ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), GEOID 12A (BASED ON GPS OBSERVATIONS UTILIZING THE KEYSTONE VRS NETWORK (KEYNETGPS)).
- THIS SURVEY IS PREPARED FOR THE PURPOSE OF PROVIDING HORIZONTAL AND VERTICAL LOCATION OF MONITORING WELLS. PROPERTY BOUNDARY INFORMATION AND SITE FEATURES ARE SHOWN PER REFERENCE #4 AND MAY NOT REFLECT CURRENT CONDITIONS.
- THE HORIZONTAL DATUM IS THE NEW YORK /LONG ISLAND PLANE COORDINATE SYSTEM NAD83, DETERMINED BY GPS OBSERVATIONS ON 02-21-2018.

REFERENCES:

- THE OFFICIAL NYC DIGITAL TAX MAP OF THE COUNTY OF QUEENS, NEW YORK, SHEET #1.
- MAP ENTITLED "MONITORING WELL LOCATION PLAN, THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC., WALBAUMS SUPERMARKET/JONNY ON THE SPOT CLEANERS, 1522-45 TO 153-01 10TH AVENUE, WHITESTONE, QUEENS COUNTY, NEW YORK" PREPARED BY WHITESTONE ASSOCIATES, INC., DATED SEPTEMBER 8, 2008.
- MAP ENTITLED "SOIL VAPOR AND AIR SAMPLING INVESTIGATION LOCATIONS AND DATA", PREPARED BY STANTEC CONSULTING SERVICES, INC., DATED 12-18-17.
- MAP ENTITLED "WHITESTONE GROCERY SHOPPING CENTER, LLC, 15301 10TH AVENUE (A.K.A. 710 154TH STREET), LOTS 100 & 447, BLOCK 4531, SECTION 23, WHITESTONE, BOROUGH & COUNTY OF QUEENS, CITY & STATE OF NEW YORK" PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED DECEMBER 3, 2013.

LEGEND

MONITORING WELL



THIS SURVEY HAS BEEN PERFORMED IN THE FIELD UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION, THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENTLY ACCEPTED ACCURACY STANDARDS.

NOT A VALID ORIGINAL DOCUMENT UNLESS EMBOSSED WITH RAISED IMPRESSION OR BLUE INK SEAL

JAMES D. SENS
NEW YORK PROFESSIONAL LAND SURVEYOR #050046-1

10-04-2022
DATE

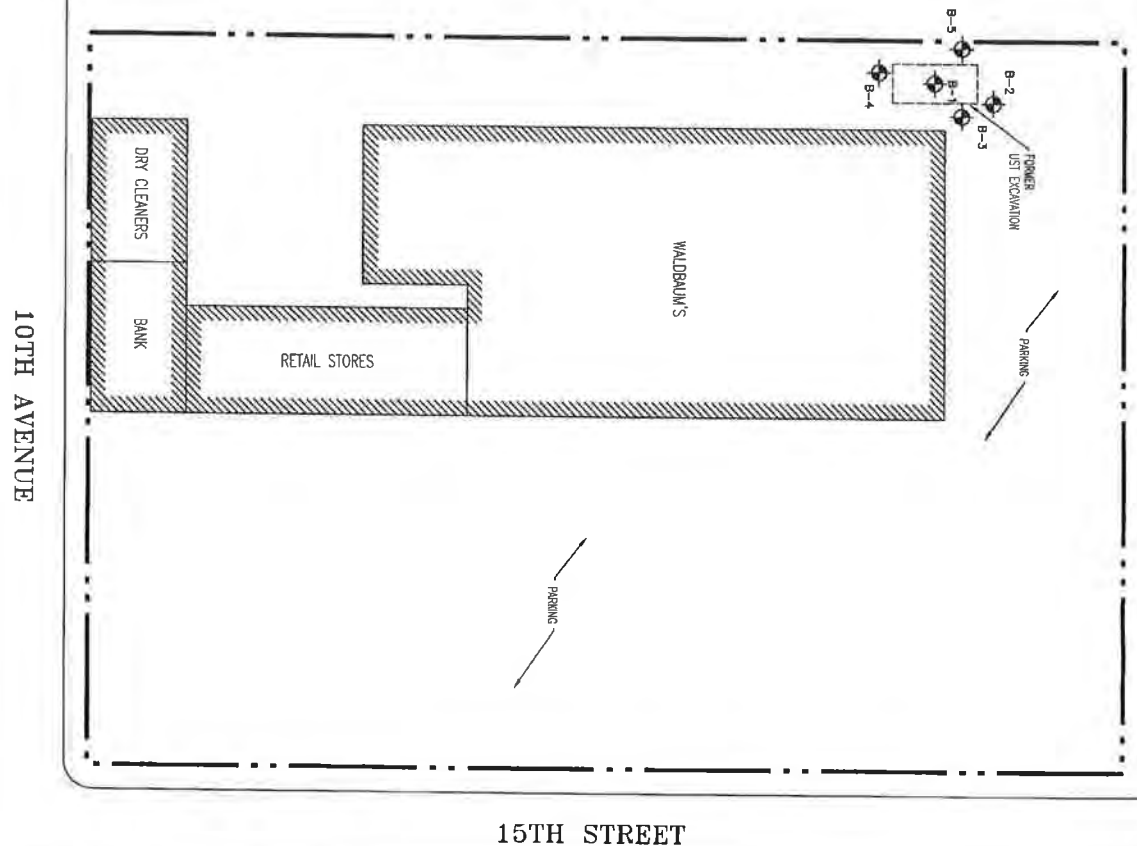
1	REVISED TO ADD MW-113	KR	UB	JDS	10-04-2022
No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN	APPROVED	DATE
FIELD DATE 02-21-18 09-29-22	MONITORING WELL LOCATION PLAN WHITESTONE GROCERY SHOPPING CENTER, LLC 15301 10TH AVENUE (A.K.A. 710 154TH STREET) LOTS 100 & 447, BLOCK 4531, SECTION 23 WHITESTONE, BOROUGH & COUNTY OF QUEENS CITY & STATE OF NEW YORK				
FIELD BOOK NO 18-02 22-33					
FIELD BOOK PG. 56 30					
FIELD CREW B.A./A.S. K.R.					
DRAWN: J.P.J. J.B.					
REVIEWED: J.D.S.	APPROVED: J.D.S.	DATE 03-08-18	SCALE 1"=30'	FILE NO. 01-030376-07	DWG. NO. 1 OF 1



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MT. LAUREL, NJ 609.457.2099
MANHATTAN, NY 646.780.6111
LONG ISLAND, NY 631.581.2645
SOUTH BOROUGHS, MA 508.548.3000

097



LEGEND

— B-1 BORING LOCATION (APPROX.)

--- SUBJECT PROPERTY BOUNDARY (APPROX.)

REFERENCE

THIS PLAN IS BASED UPON A 1996 SANBORN MAP PREPARED BY THE SANBORN LIBRARY, L.L.C.

TITLE:

BORING LOCATION PLAN

CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.

PROJECT: FULLER TOOL COMPANY/INDUSTRIAL PLASTICS DIVISION
153-01 10TH AVENUE
WHITESTONE, QUEENS COUNTY, NEW YORK



WHITESTONE ASSOCIATES, INC.

786 Mountain Boulevard, Suite 200
Watchung, New Jersey 07069

Phone (908) 668-7777 Fax (908) 754-5936

PROJECT #:
WJ03-6322

BY:
MG

PROJ. MGR.:
TKU

DATE:
2/4/04

SCALE:
N.T.S.

FIGURE:
2

TABLE 1
SOIL SAMPLING SUMMARY
Fuller Tool Company/Industrial Plastics Division
153-01 10th Avenue
Whitestone, Queens County, New York

Boring Number	Soil Sample Intervals (fbgs)	Total Depth (fbgs)	Maximum PID Reading (ppm)
B-1	8.0 to 8.5	16.0	0.0
B-2	8.0 to 8.5	16.0	0.0
B-3	7.5 to 8.0	16.0	0.0
B-4	8.0 to 8.5	16.0	0.0
B-5	8.0 to 8.5	16.0	0.0

NOTES:

PID Photoionization Detector
fbgs feet below ground surface
ppm parts per million

TABLE 2
SOIL SAMPLING & ANALYSIS DATA SUMMARY
Fuller Tool Company/Industrial Plastics Division
153-01 10th Avenue
Whitestone, Queens County, New York

Sample Number	Date Sampled	Analytical Parameters	STARS VO Detected Above MDLs (ppm)	STARS SVO Detected Above MDLS (ppm)
6414-B1	01-07-04	VO, SVO	ND	ND
6414-B2	01-07-04	VO, SVO	ND	ND
6414-B3	01-07-04	VO, SVO	ND	ND
6414-B4	01-07-04	VO, SVO	ND	phenanthrene = 0.073 J (50.0) fluoranthene = 0.077 J (50.0)
6414-B5	01-07-04	VO, SVO	ND	ND

NOTES:

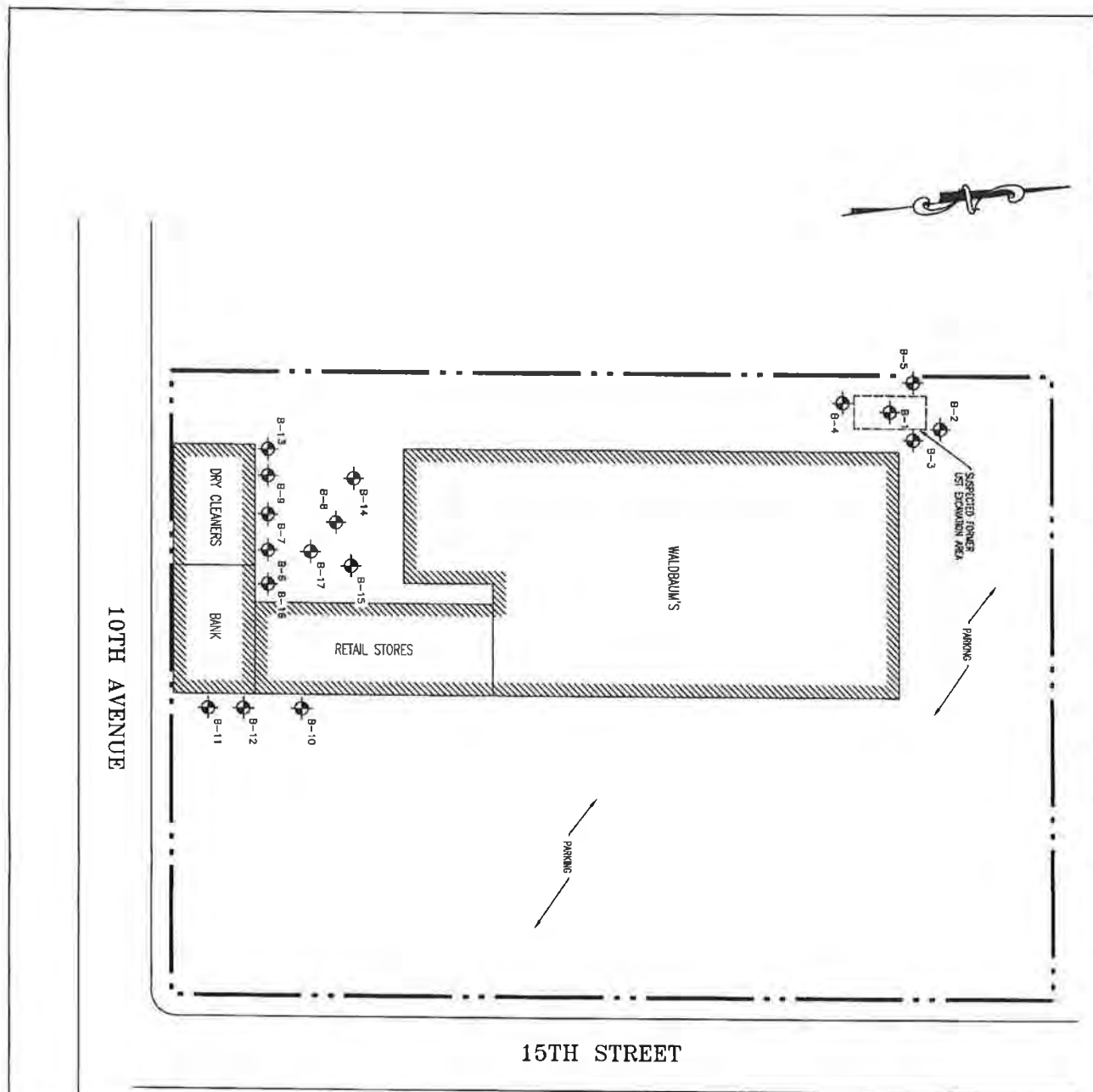
() NYSDEC Recommended Soil Cleanup Objectives shown in parentheses
VO Volatile Organic Compounds per NYSDEC STARS protocol
SVO Semivolatile Organic Compounds per NYSDEC STARS protocol
ppm parts per million
ND Not Detected above MDLs
J Detected at a concentration below the laboratory MDL

TABLE 3
GROUNDWATER SAMPLING & ANALYSIS DATA SUMMARY
Fuller Tool Company/Industrial Plastics Division
153-01 10th Avenue
Whitestone, Queens County, New York

Sample Number	Date Sampled	Analytical Parameters	STARS VO Detected Above MDLs (ppb)	STARS SVO Detected Above MDLS (ppb)
6414-GW1	01-07-04	VO, SVO	benzene = 0.424 (0.7)	ND

NOTES:

() NYSDEC Groundwater Standards shown in parentheses
VO Volatile Organic Compounds per NYSDEC STARS protocol
SVO Semivolatile Organic Compounds per NYSDEC STARS protocol
ppb parts per billion
ND Not Detected above MDLs



LEGEND

B-1 BORING LOCATION (APPENDIX)
 SUBJECT PROPERTY BOUNDARY

REFERENCE

THIS PLAN IS BASED UPON A 1996 SANBORN MAP PREPARED BY THE SANBORN LIBRARY, L.L.C.

TITLE: BORING LOCATION PLAN		 WHITESTONE ASSOCIATES, INC. 786 Mountain Boulevard, Suite 200 Watchung, New Jersey 07069 Phone (908) 668-7777 Fax (908) 754-5936					
CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.							
PROJECT: LIMITED PHASE II SITE INVESTIGATION 152-45 10TH AVENUE WHITESTONE, QUEENS COUNTY, NEW YORK		PROJECT #: WP03-6414	BY: MG	PROJ. MGR.: TKU	DATE: 2/5/04	SCALE: N.T.S.	FIGURE: 2

TABLE 1
SOIL SAMPLING SUMMARY
Waldbaum's Shopping Center Site
152-45 through 153-01 10th Avenue
Whitestone, Queens County, New York

Soil Boring ID	Sample Date	Soil Sample Interval (fbgs)	Total Boring Depth (fbgs)	Depth to Groundwater (fbgs)	Maximum PID Reading (ppm)
B-1	1/7/04	8.5 - 9.0	16.0	12.0	0.0
B-2	1/7/04	9.0 - 9.5	16.0	12.0	0.0
B-3	1/7/04	7.5 - 8.0	16.0	12.0	0.0
B-4	1/7/04	8.0 - 8.5	16.0	12.0	0.0
B-5	1/7/04	8.5 - 9.0	16.0	12.0	0.0
B-6	1/7/04	7.0 - 7.5	12.0	9.0	225
B-7	1/7/04	7.5 - 8.0	12.0	10.0	210
B-8	1/7/04	7.0 - 7.5	12.0	9.0	0.0
B-9	1/7/04	7.5 - 8.0	12.0	9.0	0.0
B-10	1/7/04	7.0 - 7.5	12.0	8.0	0.0
B-11	1/7/04	8.0 - 8.5	12.0	9.0	0.0
B-12	2/2/04	11.0 - 11.5	17.0	12.0	0.0
B-13	2/2/04	11.0 - 11.5	24.0	12.0	0.0
B-14	2/2/04	11.0 - 11.5	16.0	12.0	0.0
B-15	2/2/04	11.0 - 11.5	28.0	12.0	0.0
B-16	2/2/04	11.0 - 11.5	28.0	12.0	0.0
B-17	2/2/04	11.0 - 11.5	16.0	12.0	0.0

NOTES:

fbgs feet below ground surface
PID Photoionization Detector
ppm parts per million
NE Not encountered
NS Not sampled

TABLE 2
SOIL SAMPLING & ANALYSES DATA SUMMARY
Waldbaum's Shopping Center Site
152-45 through 153-01 10th Avenue
Whitestone, Queens County, New York

Sample Number	Date Sampled	VOC Constituents Detected Above MDLs (ppm)	SVOC Constituents Detected Above MDLs (ppm)
6414-B1	1/7/04	ND	ND
6414-B2	1/7/04	ND	ND
6414-B3	1/7/04	ND	ND
6414-B4	1/7/04	ND	Phenanthrene - 0.073J Fluoranthene - 0.077J
6414-B5	1/7/04	ND	ND
6414-B6	1/7/04	Ethyl benzene - 0.014J	Acenaphthene - 0.119 Fluorene - 0.177 Phenanthrene - 0.379
6414-B7	1/7/04	ND	Acenaphthene - 1.87 Fluorene - 2.04 Phenanthrene - 4.53 Anthracene - 0.449 Fluoranthene - 0.091J Pyrene - 0.227
6414-B8	1/7/04	ND	NS
6414-B9	1/7/04	Tetrachloroethene - 0.00305J	NS
6414-B10	1/7/04	ND	NS
6414-B11	1/7/04	ND	NS
6414-B12	2/2/04	ND	NS
6414-B13	2/2/04	ND	NS
6414-B14	2/2/04	MTBE - 0.002J Naphthalene - 0.002J	NS
6414-B15	2/2/04	Naphthalene - 0.737	NS
6414-B16	2/2/04	MTBE - 0.0014J Xylene - 0.0013J 1,2,4 Trimethylbenzene - 0.003J Naphthalene - 0.017	NS
6414-B17	2/2/04	1,2,4 Trimethylbenzene - 0.005J Naphthalene - 0.192	NS

TABLE 2 (continued)
SOIL SAMPLING & ANALYSES DATA SUMMARY
Waldbaum's Shopping Center Site
152-45 through 153-01 10th Avenue
Whitestone, Queens County, New York

Sample Number	Date Sampled	VOC Constituents Detected Above MDLs (ppm)	SVOC Constituents Detected Above MDLs (ppm)
NOTES: BOLD Exceeds NYSDEC Recommended Soil Cleanup Objectives VOC Volatile organic compounds (Method 8260) SVOC Semi-volatile organic compounds (Method 8270) ND Not detected at a concentration above the laboratory MDL NS Not sampled ppm parts per million MDL Laboratory Method Detection Limit J Estimated concentration greater than zero but less than MDL			

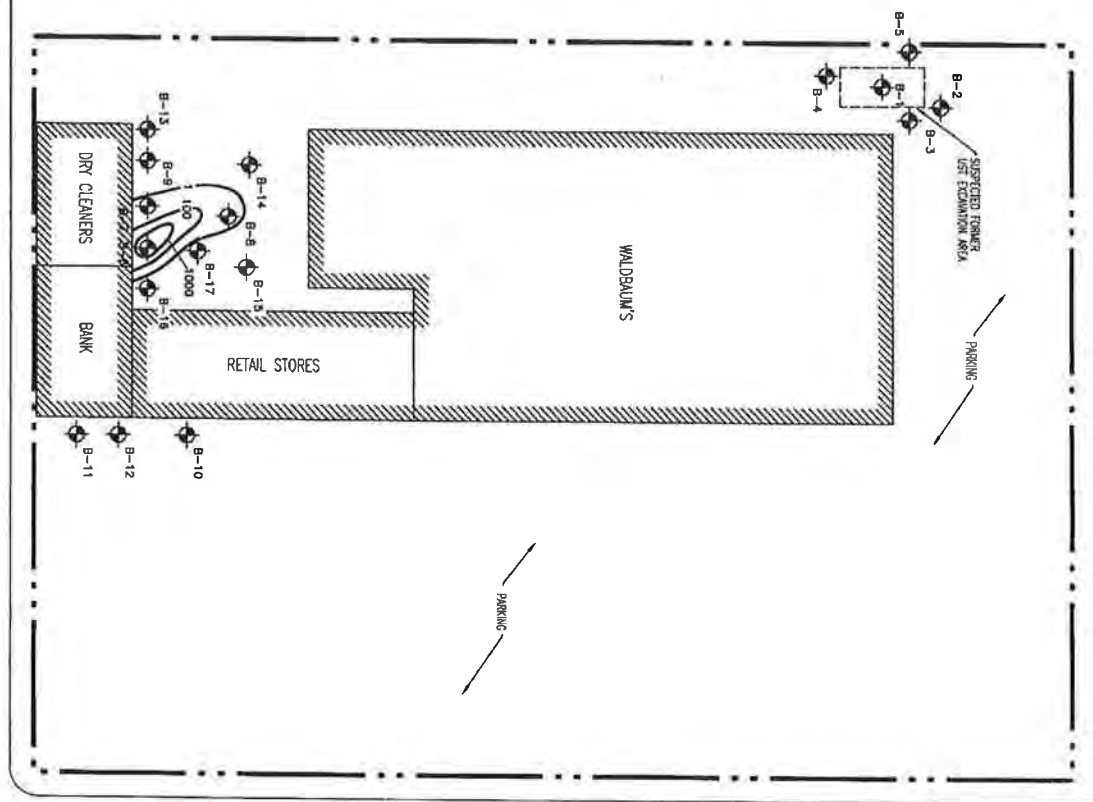
TABLE 3
GROUNDWATER SAMPLING & ANALYSES DATA SUMMARY
Waldbaum's Shopping Center Site
152-45 through 153-01 10th Avenue
Whitestone, Queens County, New York

Sample ID Number	Sample Date	Analyses	Constituents Detected Above MDLs (ppb)
6414-GW1	1/7/04	VOC, SVOC	Benzene - 0.424
6414-GW6	1/7/04	VOC, SVOC	Vinyl chloride - 36.1 1,1-dichloroethene - 1.05 Benzene - 1.44 Trichloroethene - 21.1 Toluene - 0.974 Tetrachloroethene - 1,750 Ethyl benzene - 8.22 Xylenes - 3.41 Acenaphthene - 62.2 Fluorene - 86.4 Phenanthrene - 164 Anthracene - 11.9 Fluoranthene - 4.50 Pyrene - 6.67 Benzo(a)anthracene - 0.920 Chrysene - 0.707
6414-GW8	1/7/04	VOC	Toluene - 0.586 Tetrachloroethene - 1.89
6414-GW10	1/7/04	VOC	Vinyl chloride - 1.83 trans-1,2-dichloroethene - 1.11 Trichloroethene - 0.478 Toluene - 0.272 Tetrachloroethene - 0.405
6414-GW-12	2/2/04	VOC, SVOC	Vinyl chloride - 1.64 trans-1,2-dichloroethene - 1.18 Toluene - 0.388 Tetrachloroethene - 0.739
6414-GW13	2/2/04	VOC, SVOC	Vinyl chloride - 14.3
6414-GW13D	2/3/04	VOC	Vinyl chloride - 11.5 Trichloroethene - 0.862 Tetrachloroethene - 0.811
6414-GW14	2/2/04	VOC, SVOC	Vinyl chloride - 5.23 Chloroethane - 1.75 1,1-dichloroethane - 3.55 1,2-dichloroethane - 1.51

TABLE 3 (continued)
GROUNDWATER SAMPLING & ANALYSES DATA SUMMARY
Waldbaum's Shopping Center Site
152-45 through 153-01 10th Avenue
Whitestone, Queens County, New York

Sample ID Number	Sample Date	Analyses	Constituents Detected Above MDLs (ppb)
6414-GW15	2/2/04	VOC, SVOC	Vinyl chloride - 2.6 Chloroethane - 6.44 1,1-dichloroethene - 0.953 MTBE - 0.841 1,1-dichloroethane - 15.3 1,2-dichloroethane - 1.6 Toluene - 0.353
6414-GW15D	2/3/04	VOC	Vinyl chloride - 0.591 Chloroethane - 4.35 1,1-dichloroethene - 12.0 trans-1,2-dichloroethene - 0.688 1,1-dichloroethane - 9.08 Trichloroethene - 1.5 Tetrachloroethene - 1.29 1,4-dichlorobenzene - 0.975
6414-GW16	2/2/04	VOC, SVOC	Vinyl chloride - 0.784 Chloroethane - 1.77 1,1-dichloroethane - 5.41 Trichloroethene - 0.733 Tetrachloroethene - 0.855
6414-GW16D	2/3/04	VOC	Vinyl chloride - 0.670 Chloroethane - 2.89 1,1-dichloroethene - 8.49 1,1-dichloroethane - 27.9 1,2-dichloroethene - 1.15 Trichloroethene - 1.58 Tetrachloroethene - 1.24
6414-GW17	2/2/04	VOC, SVOC	Vinyl chloride - 1.92 Chloroethane - 1.2 1,1-dichloroethane - 3.18 1,2-dichloroethane - 0.739
NOTES: BOLD Exceeds NYSDEC groundwater standards/criteria VOC Volatile organic compounds (Method 8260) SVOC Semi-volatile organic compounds (Method 8270) ND Not detected at a concentration above the laboratory MDL ppb parts per billion MDL Laboratory Method Detection Limit			

10TH AVENUE



15TH STREET

LEGEND

B-1 BORING LOCATION (APPROX.)
 PCE CONCENTRATION IN P/B
 SUBJECT PROPERTY BOUNDARY

REFERENCE

THIS PLAN IS BASED UPON A 1996 SANBORN MAP PREPARED BY THE SANBORN LIBRARY, LLC

TITLE: PCE CONCENTRATIONS
IN GROUNDWATER
(SHALLOW SAMPLES)

CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.

PROJECT: LIMITED PHASE II SITE INVESTIGATION
152-45 10TH AVENUE
WHITESTONE, QUEENS COUNTY, NEW YORK



WHITESTONE ASSOCIATES, INC.

786 Mountain Boulevard, Suite 200
Watchung, New Jersey 07069
Phone (908) 668-7777 Fax (908) 754-5936

PROJECT #:
WP03-6414

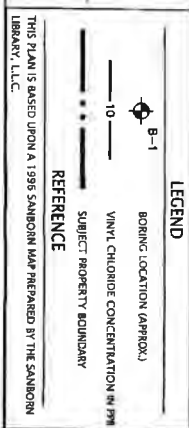
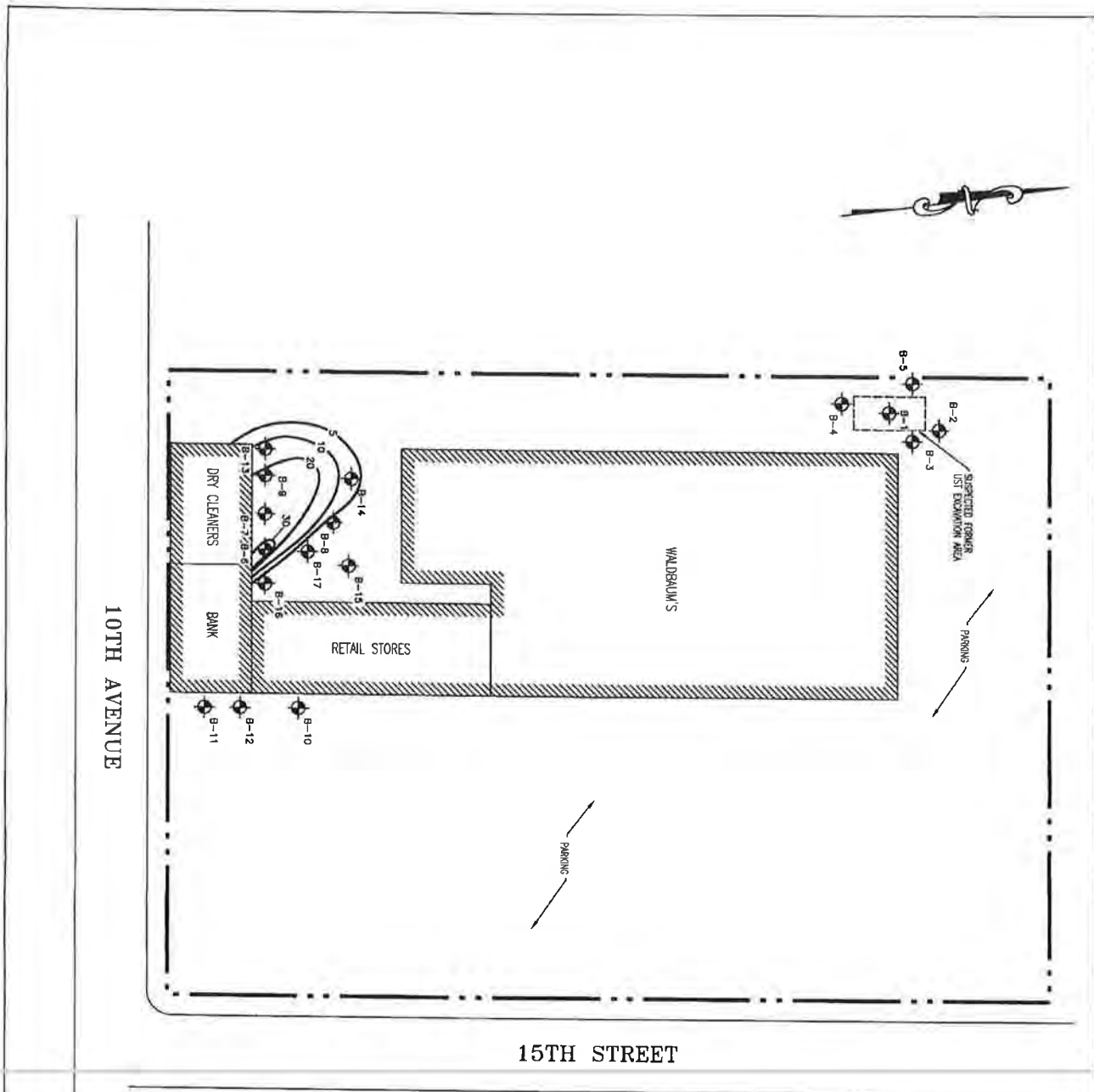
BY:
MG

PROJ. MGR.:
TKU

DATE:
2/5/04

SCALE:
N.T.S.

FIGURE:
3



TITLE:
**VINYL CHLORIDE CONCENTRATIONS
 IN GROUNDWATER
 (SHALLOW SAMPLES)**

CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.

PROJECT: LIMITED PHASE II SITE INVESTIGATION
 152-45 10TH AVENUE
 WHITESTONE, QUEENS COUNTY, NEW YORK



WHITESTONE ASSOCIATES, INC.

786 Mountain Boulevard, Suite 200
 Watchung, New Jersey 07069

Phone (908) 668-7777 Fax (908) 754-5936

PROJECT #:
 WP03-6414

BY:
 MG

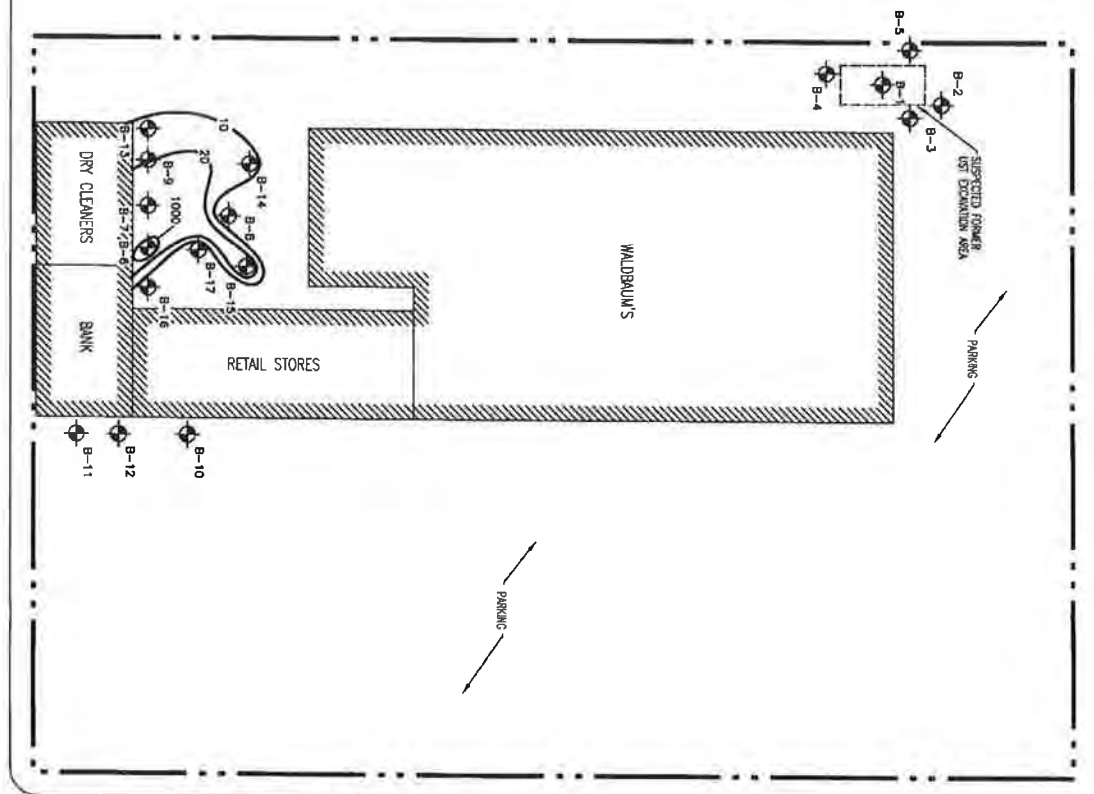
PROJ. MGR.:
 TKU

DATE:
 2/5/04

SCALE:
 N.T.S.

FIGURE:
 4

10TH AVENUE



15TH STREET

LEGEND

B-1 BORING LOCATION (APPROX.)
 10 TOTAL VOC CONCENTRATION IN PPM
 SUBJECT PROPERTY BOUNDARY

REFERENCE

THIS PLAN IS BASED UPON A 1996 SANBORN MAP PREPARED BY THE SANBORN LIBRARY, L.L.C.

TITLE: TOTAL TARGETED VOCs
IN GROUNDWATER
(SHALLOW SAMPLES)

CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.

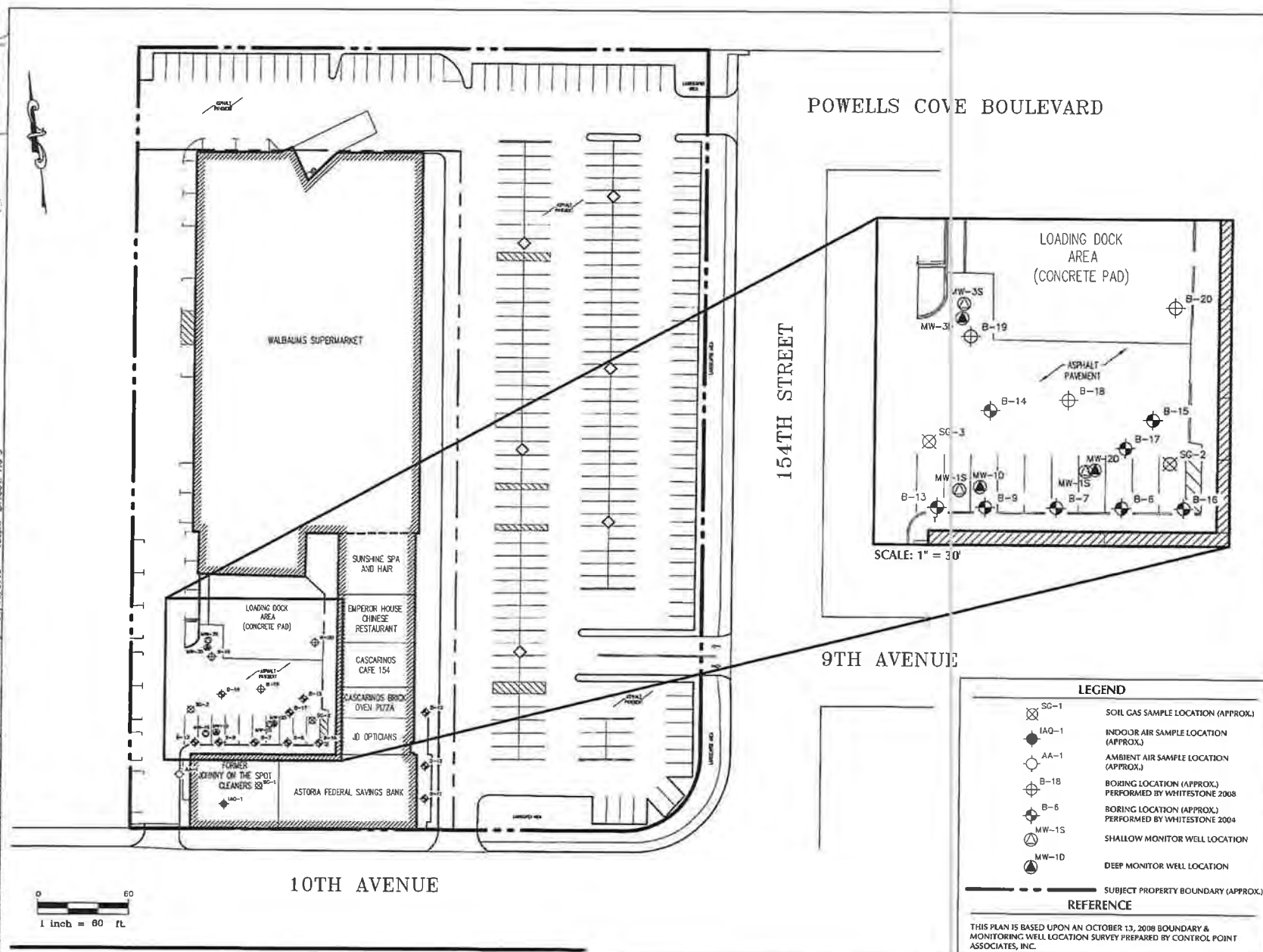
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PROJECT #: WP03-6414	BY: MG	PROJ. MGR.: TKU	DATE: 2/5/04	SCALE: N.T.S.	FIGURE: 5
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SITE PLAN AND SAMPLE LOCATION MAP

TITLE:

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.

PROJECT: WALBAUM'S SUPERMARKET/
FORMER JOHNNY ON THE SPOT CLEANERS
152-45 TO 153-01 10TH AVENUE
WHITESTONE, QUEENS COUNTY, NEW YORK

PROJECT #:

BY:

PROJ. MGR.:

DATE:

SCALE:

FIGURE:

TABLE 1
SAMPLING SUMMARY
Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

Boring/Monitor Well	Date Installed	Soil Sample Interval (fbgs)	Total Depth (fbgs)	Maximum PID Reading (ppm)
B-18	9-11-08	4.5 to 5.0	10.0	85.0
B-19	9-11-08	3.0 to 3.5	10.0	0.0
B-20	9-11-08	3.5 to 4.0	10.0	0.0
MW-1S	9-11-08	NA	17.0	0.0
MW-1D	9-11-08	NA	40.0	27.5
MW-2S	9-11-08	NA	19.0	0.0
MW-2D	9-11-08	NA	40.0	0.0
MW-3S	10-2-08	NA	17.0	0.0
MW-3D	10-2-08	NA	35.0	0.0

Notes:

PID Photoionization Detector
fbgs feet below ground surface
ppm parts per million
NA Not Applicable

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY

Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

 WHITESTONE ASSOCIATES, INC.		CLIENT ID:	B-18			B-19			B-20		
		LAB ID:	AC39889-001			AC39889-002			AC39889-003		
		COLLECTION DATE:	9/11/2008			9/11/2008			9/11/2008		
		MATRIX	Soil			Soil			Soil		
ANALYTES	Soil TAGM RSCO	NYSDEC RPSCO	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL
Volatile Organics											
1,1,1-Trichloroethane	0.8	0.68	ND		0.027	ND		0.0058	ND		0.0056
1,1,2,2-Tetrachloroethane	0.6	NA	ND		0.027	ND		0.0058	ND		0.0056
1,1,2-trichloro-1,2,2-trifluoroethane	6	NA	ND		0.027	ND		0.0058	ND		0.0056
1,1,2-Trichloroethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
1,1-Dichloroethane	0.2	0.27	ND		0.027	ND		0.0058	ND		0.0056
1,1-Dichloroethene	0.4	0.33	ND		0.027	ND		0.0058	ND		0.0056
1,2-Dibromo-3-chloropropane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
1,2-Dibromoethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
1,2-Dichlorobenzene	7.9	1.1	ND		0.027	ND		0.0058	ND		0.0056
1,2-Dichloroethane	0.1	0.02	ND		0.027	ND		0.0058	ND		0.0056
1,2-Dichloropropane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
1,3-Dichlorobenzene	1.6	2.4	ND		0.027	ND		0.0058	ND		0.0056
1,4-Dichlorobenzene	8.5	1.8	ND		0.027	ND		0.0058	ND		0.0056
2-Butanone	0.3	0.12	ND		0.027	ND		0.0058	ND		0.0056
2-Chloroethylvinylether	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
2-Hexanone	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
4-Methyl-2-Pentanone	1	NA	ND		0.027	ND		0.0058	ND		0.0056
Acetone	0.2	0.05	ND		0.14	ND		0.029	ND		0.028
Acrolein	NA	NA	ND		0.14	ND		0.029	ND		0.028
Acrylonitrile	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Benzene	0.06	0.06	ND		0.0054	ND		0.0012	ND		0.0011
Bromodichloromethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Bromoform	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Bromomethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Carbon Disulfide	2.7	NA	ND		0.027	ND		0.0058	ND		0.0056
Carbon Tetrachloride	0.6	0.76	ND		0.027	ND		0.0058	ND		0.0056
Chlorobenzene	1.7	1.1	ND		0.027	ND		0.0058	ND		0.0056
Chloroethane	1.9	NA	ND		0.027	ND		0.0058	ND		0.0056
Chloroform	0.3	0.37	ND		0.027	ND		0.0058	ND		0.0056
Chloromethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
cis-1,2-Dichloroethene	NA	0.25	ND		0.027	ND		0.0058	ND		0.0056
cis-1,3-Dichloropropene	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Dibromochloromethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Dichlorodifluoromethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Ethylbenzene	5.5	1	ND		0.0054	ND		0.0012	ND		0.0011
m,p-Xylenes	1.2	0.26	ND		0.011	ND		0.0023	ND		0.0023
Methyl Acetate	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Methylene Chloride	0.1	0.05	ND		0.027	ND		0.0058	ND		0.0056
Methyl-t-butyl ether	NA	0.93	ND		0.0054	ND		0.0012	ND		0.0011
o-Xylene	1.2	0.26	ND		0.0054	ND		0.0012	ND		0.0011
Styrene	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
t-Butyl Alcohol	NA	NA	ND		0.14	ND		0.029	ND		0.028
Tetrachloroethene	1.4	1.3	ND		0.027	ND		0.0058	ND		0.0056
Toluene	1.5	0.7	ND		0.0054	ND		0.0012	ND		0.0011
Trans-1,2-Dichloroethene	0.3	0.19	ND		0.027	ND		0.0058	ND		0.0056
Trans-1,3-Dichloropropene	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Trichloroethene	0.7	0.47	ND		0.027	ND		0.0058	ND		0.0056
Trichlorofluoromethane	NA	NA	ND		0.027	ND		0.0058	ND		0.0056
Vinyl Chloride	0.2	0.02	ND		0.027	ND		0.0058	ND		0.0056

NOTES:

NYSDEC TAGM RSCO - NYSDEC Technical and Administrative Guidance Memorandum Recommended Soil Cleanup Objectives

NYSDEC RPSCO - NYSDEC's Remedial Program Soil Cleanup Objectives (Unrestricted Use)

Bold and shaded values indicate an exceedence of NYSDEC criteria

All results reported in parts per million (ppm or mg/Kg)

Flg - Data Qualifier

MDL - Method Detection Limit

ND - Not Detected exceeding MDL

NA - No Applicable Cleanup Objective

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY
Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

ANALYTE	TAGM	TOGS	CLIENT ID: B-18 GW			B-19 GW			B-20 GW		
			LAB ID: AC39883-001			AC39883-002			AC39883-003		
			COLLECTION DATE: 9/11/2008			9/11/2008			9/11/2008		
			Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL
Volatile Organics											
1,1,1-Trichloroethane	5	5	ND	1	ND	1	ND	1	ND	1	1
1,1,2,2-Tetrachloroethane	5	5	ND	1	ND	1	ND	1	ND	1	1
1,1,2-trichloro-1,2,2-trifluoroethane	5	5	ND	5	ND	5	ND	5	ND	1	1
1,1,2-Trichloroethane	NA	1	ND	1	ND	1	ND	1	ND	1	1
1,1-Dichloroethane	5	5	ND	1	ND	1	ND	1	ND	1	1
1,1-Dichloroethene	5	5	ND	1	ND	1	ND	1	ND	1	1
1,2,3-Trichloropropane	5	0.04	ND	1	ND	1	ND	1	ND	1	1
1,2,4-Trimethylbenzene	NA	5	1.5	1	ND	1	ND	1	ND	1	1
1,2-Dichlorobenzene	4.7	3	ND	1	ND	1	ND	1	ND	1	1
1,2-Dichloroethane	5	0.6	ND	0.5	ND	0.5	ND	0.5	ND	0.5	0.5
1,2-Dichloropropane	NA	1	ND	1	ND	1	ND	1	ND	1	1
1,3,5-Trimethylbenzene	NA	5	ND	1	ND	1	ND	1	ND	1	1
1,3-Dichlorobenzene	5	3	ND	1	ND	1	ND	1	ND	1	1
1,3-Dichloropropane	5	5	ND	1	ND	1	ND	1	ND	1	1
1,4-Dichlorobenzene	5	3	ND	1	ND	1	ND	1	ND	1	1
1,4-Dioxane	NA	NA	ND	50	ND	50	ND	50	ND	50	50
2-Butanone	50	NA	ND	1	ND	1	ND	1	ND	1	1
2-Chloroethylvinylether	NA	NA	ND	1	ND	1	ND	1	ND	5	5
2-Hexanone	NA	NA	ND	1	ND	1	ND	1	ND	5	5
4-Isopropyltoluene	NA	5	ND	1	ND	1	ND	1	ND	1	1
4-Methyl-2-Pentanone	50	NA	ND	1	ND	1	ND	1	ND	1	1
Acetone	50	50	ND	25	ND	25	ND	25	ND	5	5
Acrolein	NA	5	ND	5	ND	5	ND	5	ND	5	5
Acrylonitrile	NA	5	ND	1	ND	1	ND	1	ND	1	1
Benzene	0.7	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	0.5
Bromodichloromethane	NA	50	ND	1	ND	1	ND	1	ND	1	1
Bromoform	NA	50	ND	1	ND	1	ND	1	ND	1	1
Bromomethane	NA	5	ND	1	ND	1	ND	1	ND	1	1
Carbon disulfide	50	60	ND	1	ND	1	ND	1	2.6	1	1
Carbon tetrachloride	5	5	ND	1	ND	1	ND	1	ND	1	1
Chlorobenzene	5	5	ND	1	ND	1	ND	1	ND	1	1
Chloroethane	50	5	4	1	ND	1	ND	1	ND	1	1
Chloroform	7	7	ND	1	ND	1	ND	1	ND	1	1
Chloromethane	NA	5	ND	1	ND	1	ND	1	ND	1	1
Cis-1,2-Dichloroethene	NA	5	3.4	1	ND	1	ND	1	ND	1	1
Cis-1,3-Dichloropropene	NA	0.4	ND	1	ND	1	ND	1	ND	1	1
Dibromochloromethane	50	5	ND	1	ND	1	ND	1	ND	1	1
Dichlorodifluoromethane	NA	5	ND	1	ND	1	ND	1	ND	1	1
Ethylbenzene	5	5	1.1	1	ND	1	ND	1	ND	1	1
Isopropylbenzene	NA	5	10	1	ND	1	ND	1	ND	1	1
M&p-Xylenes	5	5	ND	2	ND	2	ND	2	ND	2	2
Methylene chloride	5	5	ND	1	ND	1	ND	1	ND	1	1
Methyl-t-butyl ether	10	10	6	0.5	ND	0.5	ND	0.5	ND	0.5	0.5
n-Butylbenzene	NA	5	4.8	1	ND	1	ND	1	ND	1	1
n-Propylbenzene	NA	5	15	1	ND	1	ND	1	ND	1	1
O-Xylene	5	5	ND	1	ND	1	ND	1	ND	1	1
sec-Butylbenzene	NA	5	9.1	1	ND	1	ND	1	ND	1	1
Styrene	NA	5	ND	1	ND	1	ND	1	ND	1	1
t-Butyl Alcohol	NA	NA	ND	5	ND	5	ND	5	ND	5	5
t-Butylbenzene	NA	5	1.3	1	ND	1	ND	1	ND	1	1
Tetrachloroethene	5	5	ND	1	ND	1	ND	1	ND	1	1
Toluene	5	5	ND	1	ND	1	ND	1	ND	1	1
Trans-1,2-dichloroethene	5	5	ND	1	ND	1	ND	1	ND	1	1
Trans-1,3-dichloropropene	NA	NA	ND	1	ND	1	ND	1	ND	1	1
Trichloroethene	5	5	ND	1	ND	1	ND	1	ND	1	1
Trichlorofluoromethane	NA	5	ND	1	ND	1	ND	1	ND	1	1
Vinyl chloride	2	2	2.2	1	ND	1	ND	1	ND	1	1

NOTES:

TAGM - NYSDEC Technical and Administrative Guidance Memorandum #4046 Groundwater Standards/Criteria
 TOGS - NYSDEC Technical and Operational Guidance Series Memo 1.1.1. Ambient Groundwater Quality (GA) Standard
 Bolded and Shaded values indicate exceedances of NYSDEC TAGM and/or TOGS GWS
 Results reported in parts per billion (ppb)
 MDL - Laboratory Method Detection Limit
 ND - Not Detected at a concentration exceeding laboratory MDL
 NA - No Applicable Standard
 Flg - Data Qualifier

TABLE 4
GROUNDWATER LEVEL MEASUREMENTS
Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

Well #	Screened Interval (fbgs)	Top of Casing (feet asl)*	Date	Depth to Groundwater (feet asl)	Groundwater Elevation (feet asl)
MW-1S	2 - 17	16.93	10-14-08	4.02	12.91
			11-3-08 (low tide)	3.89	13.04
			11-3-08 (high tide)	3.85	13.08
MW-1D	30 -35	17.45	10-14-08	6.24	11.21
			11-3-08 (low tide)	6.22	11.23
			11-3-08 (high tide)	6.21	11.24
MW-2S	4 - 19	17.17	10-14-08	5.41	11.76
			11-3-08 (low tide)	5.41	11.76
			11-3-08 (high tide)	5.39	11.78
MW-2D	30 - 35	17.00	10-14-08	5.89	11.11
			11-3-08 (low tide)	5.88	11.12
			11-3-08 (high tide)	5.86	11.14
MW-3S	2 - 17	15.50	10-14-08	1.61	13.89
			11-3-08 (low tide)	1.62	13.88
			11-3-08 (high tide)	1.62	13.88
MW-3D	30 - 35	15.54	10-14-08	3.92	11.62
			11-3-08 (low tide)	3.94	11.60
			11-3-08 (high tide)	3.94	11.60

NOTES:

asl Above mean sea level

fbgs Feet below ground surface

* Top of PVC casing elevation surveyed by Control Point Associates, Inc.

TABLE 5
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS)

Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

 WHITESTONE ASSOCIATES, INC.			CLIENT ID: MW-1S			MW-1D			MW-2S			MW-2D			MW-3S			MW-3D		
LAB ID: AC40514-001			AC40514-002			AC40514-003			AC40514-004			AC40514-005			AC40514-006			AC40514-006		
COLLECTION DATE: 10/14/2008			10/14/2008			10/14/2008			10/14/2008			10/14/2008			10/14/2008			10/14/2008		
ANALYTE	TAGM	TOGS	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL
Volatile Organics																				
1,1,1-Trichloroethane	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-trichloro-1,2,2-trifluoroethane	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane	NA	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethene	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2,3-Trichloropropane	5	0.04	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	4.7	3	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane	5	0.6	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,2-Dichloropropane	NA	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene	5	3	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,3-Dichloropropane	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene	5	3	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,4-Dioxane	NA	NA	ND	250	ND	250	ND	250	ND	250	ND	250	ND	250	ND	250	ND	250	ND	250
2-Butanone	50	NA	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
2-Chloroethylvinylether	NA	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
2-Hexanone	NA	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
4-Isopropyltoluene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-Pentanone	50	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Acetone	50	50	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5
Acrolein	NA	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5
Acrylonitrile	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Benzene	0.7	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Bromodichloromethane	NA	50	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromoform	NA	50	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromomethane	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Carbon disulfide	50	60	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Carbon tetrachloride	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chlorobenzene	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroethane	50	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroform	7	7	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloromethane	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Cis-1,2-Dichloroethene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Cis-1,3-Dichloropropene	NA	0.4	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Dibromochloromethane	50	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Dichlorodifluoromethane	NA	5	2.4	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Ethylbenzene	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Isopropylbenzene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
M&p-Xylenes	5	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Methylene chloride	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Methyl-t-butyl ether	10	10	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
n-Butylbenzene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
n-Propylbenzene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
O-Xylene	5	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
sec-Butylbenzene	NA	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1

TABLE 5
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS)

Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

 WHITESTONE ASSOCIATES, INC.		CLIENT ID:		MW-1S			MW-1D			MW-2S			MW-2D			MW-3S			MW-3D		
		LAB ID:		AC40514-001			AC40514-002			AC40514-003			AC40514-004			AC40514-005			AC40514-006		
		COLLECTION DATE:		10/14/2008			10/14/2008			10/14/2008			10/14/2008			10/14/2008			10/14/2008		
ANALYTE	TAGM	TOGS	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL	Result	Flg	MDL	
Styrene	NA	5	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	
n-Butyl Alcohol	NA	NA	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5	
n-Butylbenzene	NA	5	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	
Tetrachloroethene	5	5	2.3		1	ND		1	230		1	ND		1	ND		1	ND		1	
Toluene	5	5	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	
Trans-1,2-dichloroethene	5	5	ND		1	ND		1	1.2		1	ND		1	ND		1	ND		1	
Trans-1,3-dichloropropene	NA	NA	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	
Trichloroethene	5	5	ND		1	ND		1	100		1	ND		1	ND		1	ND		1	
Trichlorofluoromethane	NA	5	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	
Vinyl chloride	2	2	ND		1	ND		1	33		1	ND		1	ND		1	ND		1	

TABLE 6
INDOOR AIR QUALITY AND SOIL GAS VAPOR
Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

Whitestone Associates, Inc.		Whitestone, Queens County, New York											
Sample ID	CAS Number	AA-1		IAQ-1		IAQ-1DL		SG-1		SG-2		SG-3	
Lab Sample No.		765984		765988		765988D1		765985		765986		765987	
Sampling Date		08/27/2008 1040		08/27/2008 1030		08/27/2008 1030		08/26/2008 1234		08/26/2008 1037		08/26/2008 1241	
Matrix		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor		4		4		35.7		16.7		1		1	
Units		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
VOLATILE COMPOUNDS (GC/MS)													
Dichlorodifluoromethane	75-71-8	2.2		2.4		3.5	D	42	U	2.6		16	
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	0.28	U	0.28	U	2.5	U	23	U	1.4	U	1.4	U
Vinyl Chloride	75-01-4	0.2	U	0.2	U	1.8	U	8.4	U	46		0.51	U
1,3-Butadiene	106-99-0	0.18	U	0.18	U	1.6	U	19	U	3.3		5.8	
Bromomethane (Methyl bromide)	74-83-9	0.31	U	0.31	U	2.8	U	13	U	0.78	U	0.78	U
Chloroethane (ethyl chloride)	75-00-3	0.21	U	0.21	U	1.9	U	22	U	1.3	U	1.3	U
Vinyl bromide	593-60-2	0.35	U	0.35	U	3.1	U	14	U	0.87	U	0.87	U
Trichlorofluoromethane (Freon 11)	75-69-4	1.7		1.9		2.3	D	19	U	3.1		4.1	
1,1-Dichloroethene	75-35-4	0.16	U	0.16	U	1.4	U	13	U	0.79	U	0.79	U
3-Chloropropene (allyl chloride)	107-05-1	0.25	U	0.25	U	2.2	U	26	U	1.6	U	1.6	U
Methylene Chloride	75-09-2	2.8	U	2.8	U	25	U	29	U	1.7	U	1.7	U
MTBE (Methyl tert-butyl ether)	1634-04-4	0.14	U	0.14	U	1.3	U	30	U	1.8	U	1.8	U
1,2-Dichloroethene (trans)	156-60-5	0.16	U	0.16	U	1.4	U	13	U	2.8		0.79	U
n-Hexane	110-54-3	0.53		2.3		2.9	D	30	U	4.2		9.5	
1,1-Dichloroethane	75-34-3	0.16	U	0.16	U	1.5	U	13	U	0.81	U	0.81	U
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.37		1.4	U	13	U	79		0.79	U
1,2-Dichloroethene (cis)	156-59-2	0.16	U	0.44		1.4	U	16	U	0.98	U	0.98	U
Chloroform	67-66-3	0.2	U	0.78		1.8	U	18	U	1.1	U	1.1	U
** 1,1,1-Trichloroethane	71-55-6	0.22	U	0.22	U	2	U	11	U	1.5		1.8	
Cyclohexane	110-82-7	0.14	U	0.29		1.2	U	21	U	1.3	U	1.3	U
Carbon tetrachloride	56-23-5	0.4		0.44		2.3	U	15	U	3.2		1.7	
2,2,4-Trimethylpentane	540-84-1	0.7		1.3		1.7	U	11	U	4.2		12	
Benzene	71-43-2	0.32		0.54		1.2	U	13	U	83		0.79	U
1,2-Dichloroethane	107-06-2	0.32	U	0.32	U	2.9	U	13	U	0.81	U	0.81	U
n-Heptane	142-82-5	0.45		0.98		1.5	U	14	U	3.4		11	
Trichloroethene (TCE)	79-01-6	0.21	U	0.59		1.9	U	75		19		1.1	U
1,2-Dichloropropane	78-87-5	0.37	U	0.37	U	3.3	U	15	U	0.92	U	0.92	U
Bromodichloromethane	75-27-4	0.27	U	0.27	U	2.4	U	22	U	1.3	U	1.3	U
1,3-Dichloropropene (cis)	10061-01-5	0.18	U	0.18	U	1.6	U	15	U	0.91	U	0.91	U
** Toluene	108-88-3	1.2		4.5		4.1	D	12	U	8.3		20	

TABLE 6
INDOOR AIR QUALITY AND SOIL GAS VAPOR
Waldbaum's Shopping Center Site
Former Johnny On The Spot Dry Cleaners
152-45 to 153-01 10th Avenue
Whitestone, Queens County, New York

 WHITESTONE ASSOCIATES, INC.		Whitestone, Queens County, New York											
Sample ID	CAS Number	AA-1		IAQ-1		IAQ-IDL		SG-1		SG-2		SG-3	
Lab Sample No.		765984		765988		765988D1		765985		765986		765987	
Sampling Date		08/27/2008 1040		08/27/2008 1030		08/27/2008 1030		08/26/2008 1234		08/26/2008 1037		08/26/2008 1241	
Matrix		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor		4		4		35.7		16.7		1		1	
Units		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
VOLATILE COMPOUNDS (GC/MS)													
1,3-Dichloropropene (trans)	10061-02-6	0.18	U	0.18	U	1.6	U	15	U	0.91	U	0.91	U
1,1,2-Trichloroethane	79-00-5	0.22	U	0.22	U	2	U	18	U	1.1	U	1.1	U
Tetrachloroethene (PCE)	127-18-4	1		160	E	160	D	4300		30		9.5	
Dibromochloromethane	124-48-1	0.34	U	0.34	U	3.1	U	28	U	1.7	U	1.7	U
1,2-Dibromoethane	106-93-4	0.31	U	0.31	U	2.8	U	25	U	1.5	U	1.5	U
Ethylbenzene	100-41-4	0.17	U	1.1		1.6	U	14	U	1.3		2.7	
Xylene (m,p)	1330-20-7	0.35	U	3.7		3.1	U	36	U	3.2		7.4	
Xylene (o)	95-47-6	0.17	U	1.7		1.6	U	14	U	1.2		3.1	
Xylene (m&p)	1330-20-7	0.17	U	5.2		1.6	U	34	U	2.1	U	2.1	U
Bromoform	75-25-2	0.41	U	0.41	U	3.7	U	23	U	1.4	U	1.4	U
1,1,2,2-Tetrachloroethane	79-34-5	0.27	U	0.27	U	2.5	U	14	U	4.3		10	
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	0.2	U	6.4		3.9	D	16	U	1.3		1.7	
1,3,5-Trimethylbenzene	108-67-8	0.39	U	1.9		3.5	U	16	U	0.98	U	0.98	U

NR - Not analyzed.

U - Compound analyzed but not detected at a concentration above the reporting limit.

J - Estimated value.

N - Indicates presumptive evidence of a compound. The flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P - Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

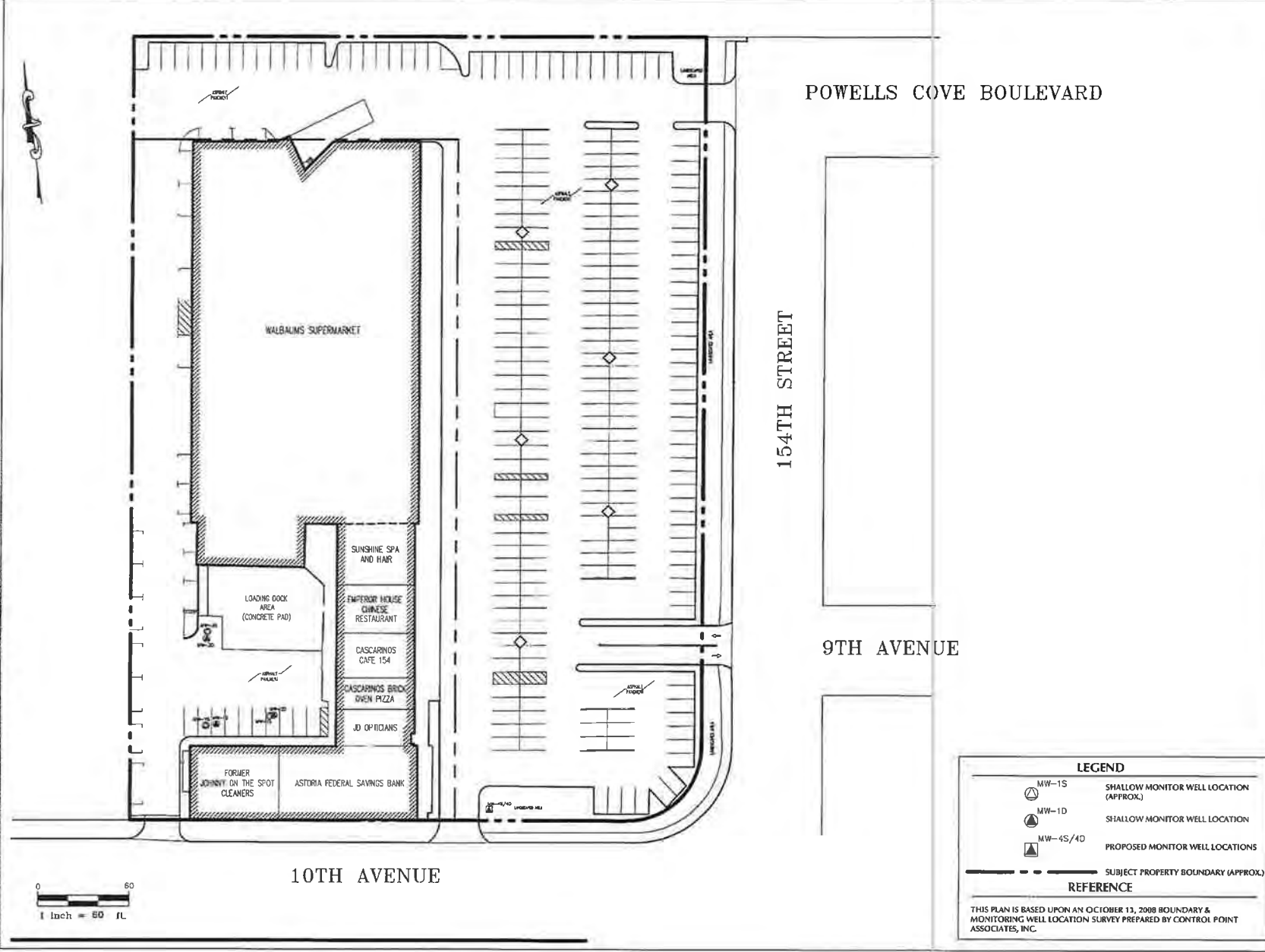
B - Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E - Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

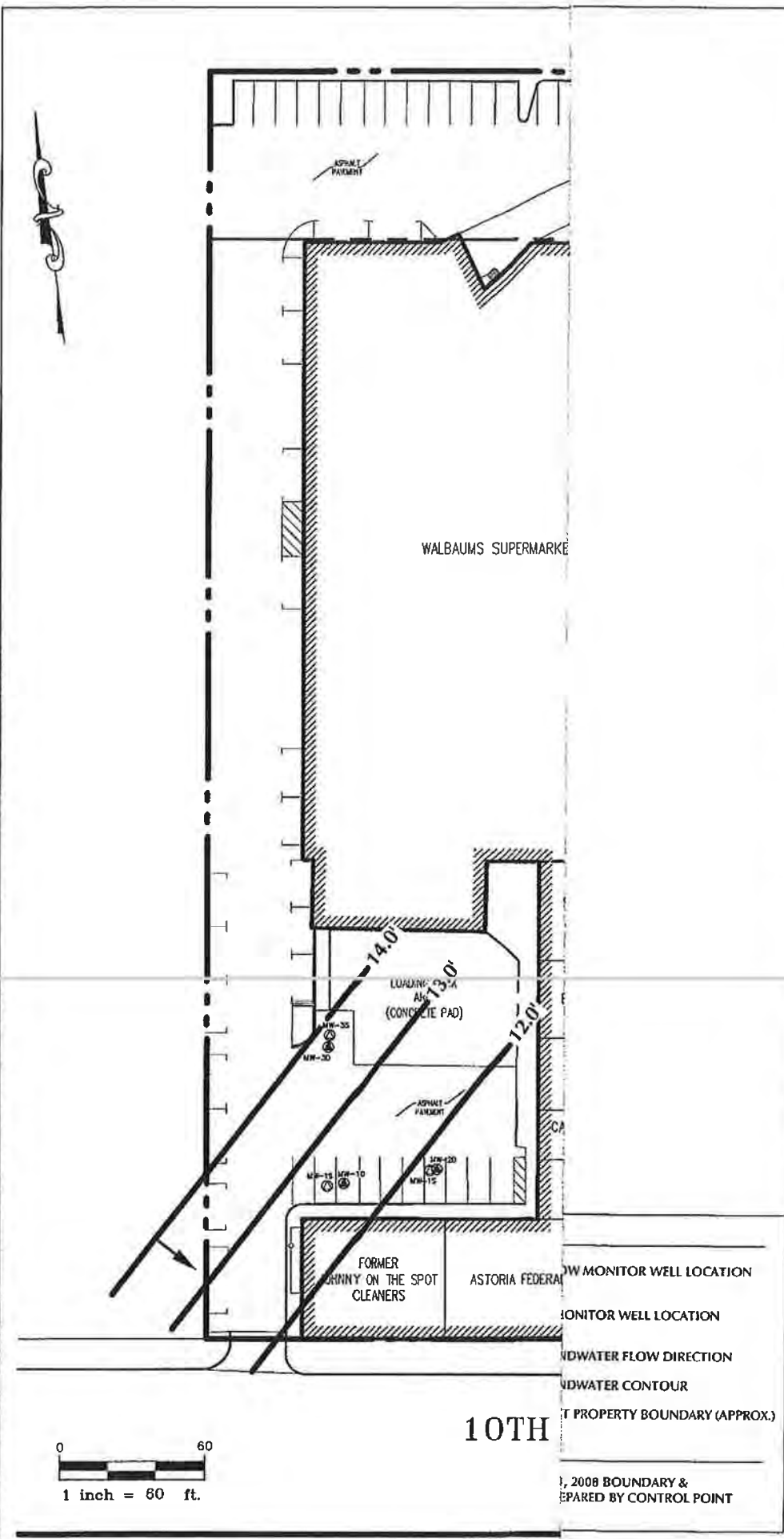
D - Concentrations identified from analysis of the sample at a secondary dilution.

A - Tentatively identified compound is a suspected aldol condensation product.

L:\data\reflairs\2008\0810611\PROGRAMS\0810611\WDM-WELL.dwg 5/10/2008 - 4:50pm LAYOUT: FIG. 3



TITLE: MONITOR WELL LOCATION MAP	 WHITESTONE ASSOCIATES, INC. 35 TECHNOLOGY DRIVE WARREN, NEW JERSEY 07059 908.668.7777 • 908.754.5936 FAX	CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC. PROJECT: WALBAUMS SUPERMARKET/ FORMER JOHNNY ON THE SPOT CLEANERS 152-45 TO 153-01 10TH AVENUE WHITESTONE, QUEENS COUNTY, NEW YORK	PROJECT #: EJ0810611.000 BY: RF PROJ. MGR.: KT DATE: 11/16/08 SCALE: 1" = 60' FIGURE: 3
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TITLE: GROUNDWATER CONTOUR MAP/
SHALLOW WELLS
(MEASURED 10/14/08)



WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.

PROJECT: WALBAUMS SUPERMARKET/
FORMER JOHNNY ON THE SPOT CLEANERS
152-45 TO 153-01 10TH AVENUE
WHITESTONE, QUEENS COUNTY, NEW YORK

PROJECT #:
EJ0810611.000

BY:
RP

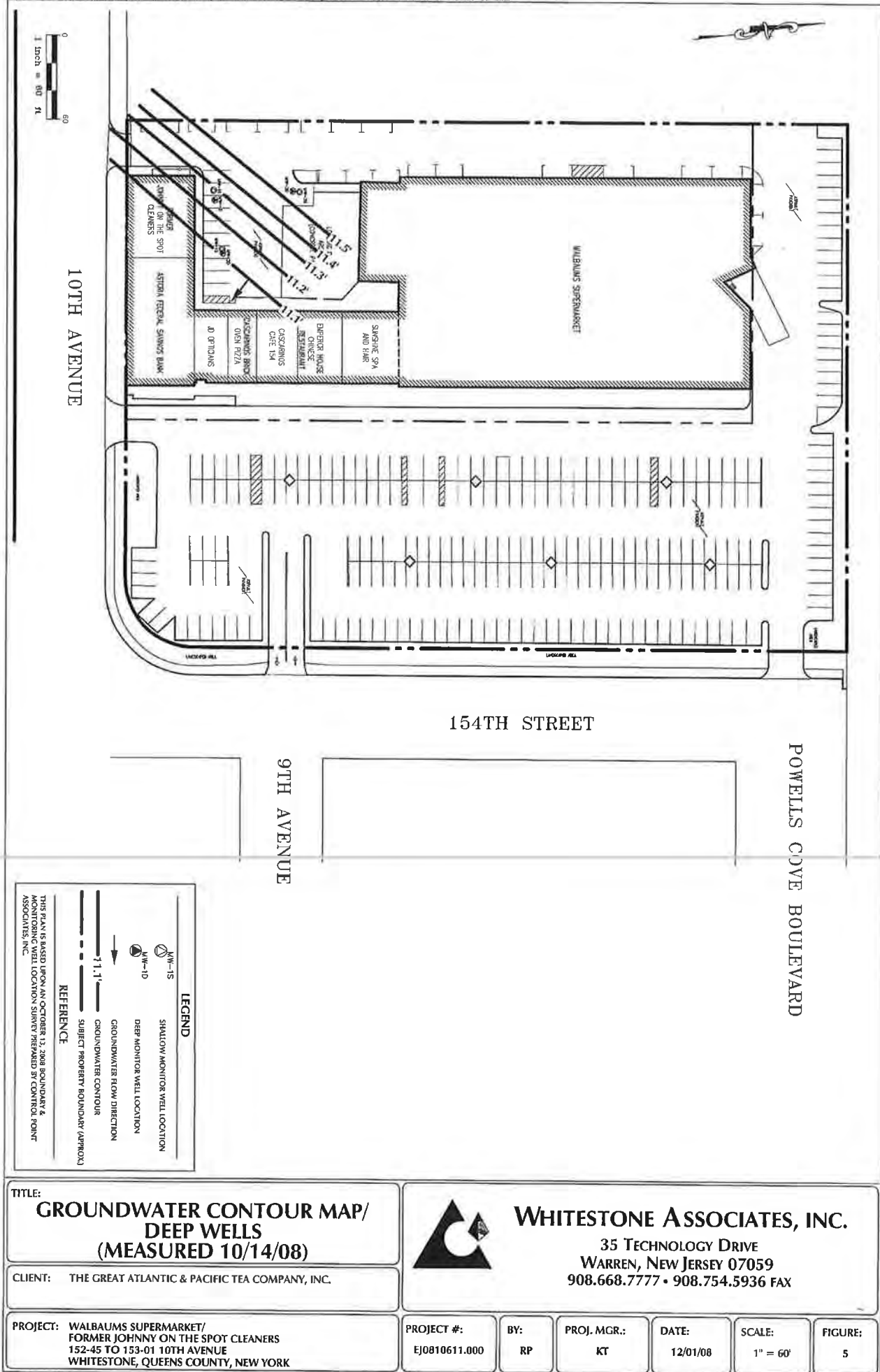
PROJ. MGR.:
KT

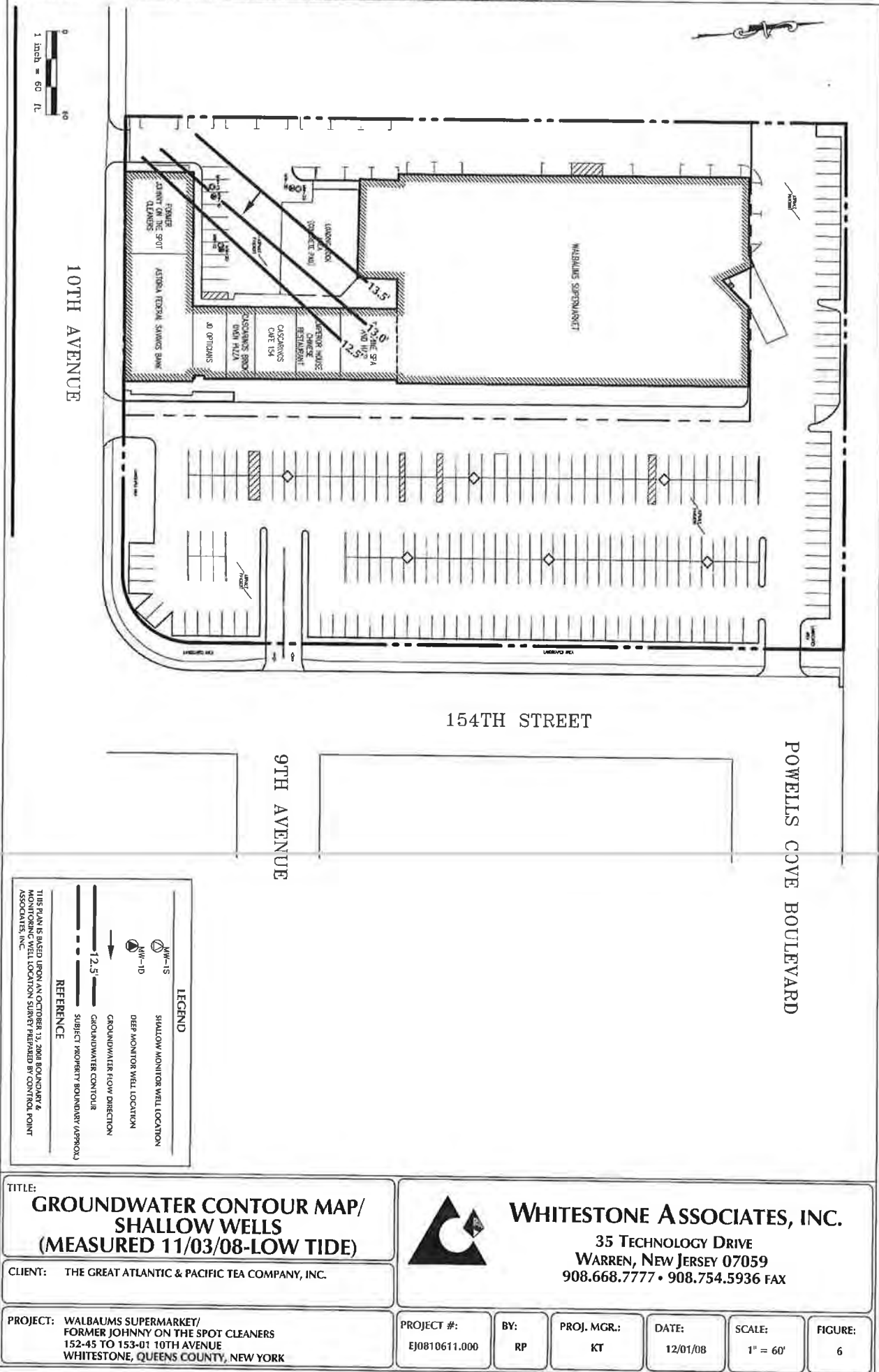
DATE:
12/01/08

SCALE:
1" = 60'

FIGURE:
4

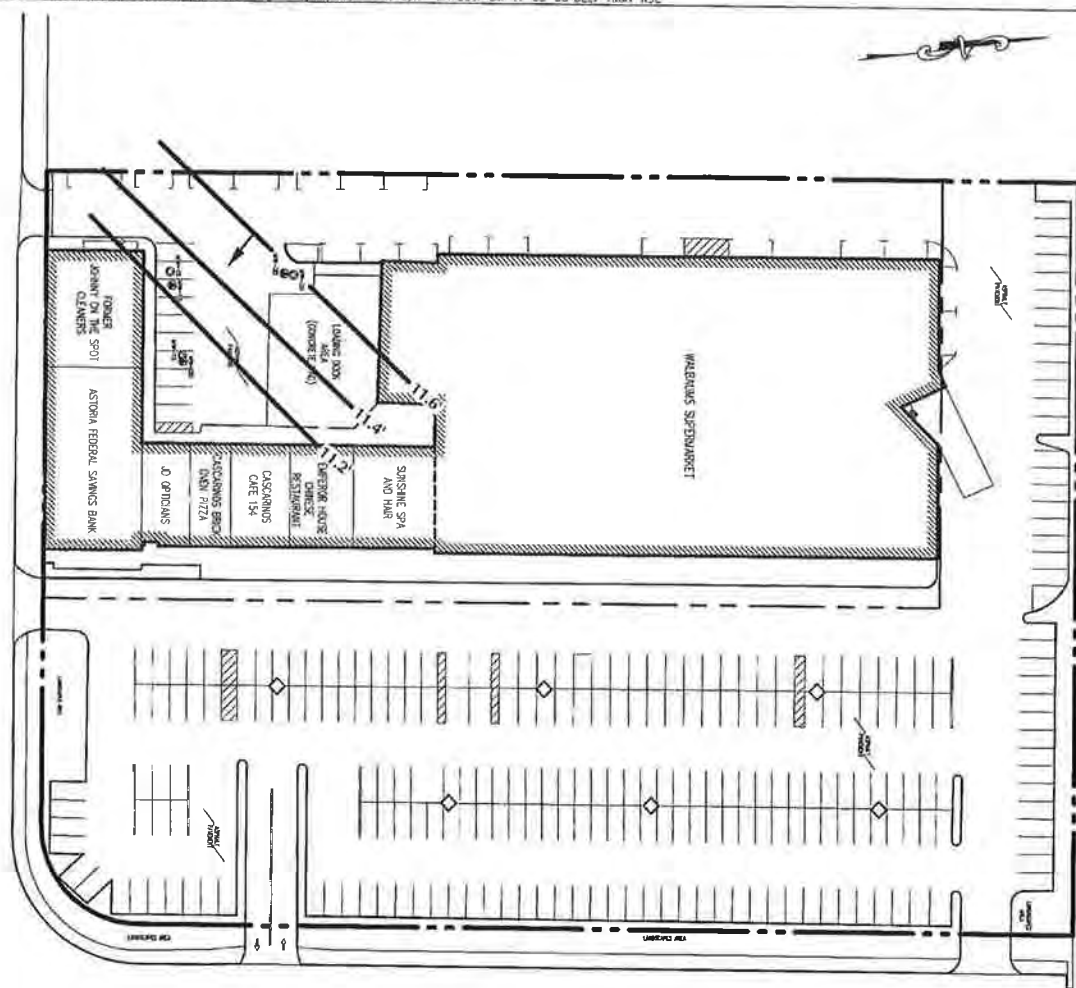
© 2008 BOUNDARY &
PREPARED BY CONTROL POINT





0
1 inch = 60 ft

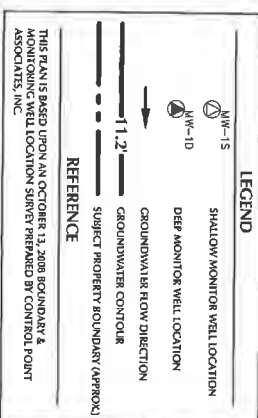
10TH AVENUE



154TH STREET

9TH AVENUE

POWELLS COVE BOULEVARD



TITLE:
**GROUNDWATER CONTOUR MAP/
DEEP WELLS
(MEASURED 11/03/08-HIGH TIDE)**

CLIENT: THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.

PROJECT: WALBAUMS SUPERMARKET/
FORMER JOHNNY ON THE SPOT CLEANERS
152-45 TO 153-01 10TH AVENUE
WHITESTONE, QUEENS COUNTY, NEW YORK



WHITESTONE ASSOCIATES, INC.

35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

PROJECT #:
EJ0810611.000

BY:
RP

PROJ. MGR.:
KT

DATE:
12/01/08

SCALE:
1" = 60'

FIGURE:
9

MW-103D (7/11/13)	
1,1-Dichloroethane	<1.00
1,1-Dichloroethene	<1.00
cis-1,2-Dichloroethene	<1.00
Tetrachloroethene	0.88
Trichloroethene	<1.00
Vinyl Chloride	<1.00
Methyl tert-butyl ether	2.11
Bis(2-ethylhexyl)phthalate	1.33

MW-3D (7/10/13)	
1,1-Dichloroethane	<1.00
1,1-Dichloroethene	<1.00
cis-1,2-Dichloroethene	0.98
Tetrachloroethene	2.16
Trichloroethene	<1.00
Vinyl Chloride	1.37
Methyl tert-butyl ether	<1.00
Bis(2-ethylhexyl)phthalate	<5.32

MW-1D (7/10/13)	
1,1-Dichloroethane	<5.00
1,1-Dichloroethene	<5.00
cis-1,2-Dichloroethene	20.6*
Tetrachloroethene	70.4*
Trichloroethene	9.5*
Vinyl Chloride	<5.00
Methyl tert-butyl ether	14.4*
Bis(2-ethylhexyl)phthalate	<5.32

MW-1S (7/10/13)	
1,1-Dichloroethane	<100
1,1-Dichloroethene	<100
cis-1,2-Dichloroethene	1,830*
Tetrachloroethene	6,140*
Trichloroethene	548*
Vinyl Chloride	<100
Methyl tert-butyl ether	<100
Bis(2-ethylhexyl)phthalate	<5.26

MW-101D (7/11/13)	
1,1-Dichloroethane	18.6*
1,1-Dichloroethene	5.52*
cis-1,2-Dichloroethene	19.3*
Tetrachloroethene	<1.00
Trichloroethene	1.25
Vinyl Chloride	2.47*
Methyl tert-butyl ether	<1.00
Bis(2-ethylhexyl)phthalate	1.3

MW-101S (7/11/13)	
1,1-Dichloroethane	<1.00
1,1-Dichloroethene	<1.00
cis-1,2-Dichloroethene	<1.00
Tetrachloroethene	<1.00
Trichloroethene	<1.00
Vinyl Chloride	<1.00
Methyl tert-butyl ether	<1.00
Bis(2-ethylhexyl)phthalate	2.05

MW-2D (7/10/13)	
1,1-Dichloroethane	<1.00
1,1-Dichloroethene	1.7
cis-1,2-Dichloroethene	47.7*
Tetrachloroethene	<1.00
Trichloroethene	<1.00
Vinyl Chloride	12.2*
Methyl tert-butyl ether	<1.00
Bis(2-ethylhexyl)phthalate	<5.10

MW-2S (7/10/13)	
1,1-Dichloroethane	<10.0
1,1-Dichloroethene	8.8*
cis-1,2-Dichloroethene	186*
Tetrachloroethene	354*
Trichloroethene	221*
Vinyl Chloride	47.4*
Methyl tert-butyl ether	<10.0
Bis(2-ethylhexyl)phthalate	<5.21

MW-102S (7/11/13)	
1,1-Dichloroethane	<1.00
1,1-Dichloroethene	<1.00
cis-1,2-Dichloroethene	<1.00
Tetrachloroethene	<1.00
Trichloroethene	3.24
Vinyl Chloride	<1.00
Methyl tert-butyl ether	<1.00
Bis(2-ethylhexyl)phthalate	1.67

MW-102D (7/11/13)	
1,1-Dichloroethane	<1.00
1,1-Dichloroethene	<1.00
cis-1,2-Dichloroethene	<1.00
Tetrachloroethene	<1.00
Trichloroethene	3.56
Vinyl Chloride	<1.00
Methyl tert-butyl ether	<1.00
Bis(2-ethylhexyl)phthalate	<5.10

CADD NAME (CT OFFICE\WALLBAUMS\Walbaums Supermarket_8-7-13.dwg)



Stantec

Stantec Consulting Services, Inc.
100 Pearl Street, 11th Floor
Hartford, Connecticut
06103

860.948.1628
860.948.1629

LEGEND	
SG-1	SOIL GAS SAMPLE LOCATION (APPROX)
AA-1	AMBIENT AIR SAMPLE LOCATION
MW-1S	SHALLOW MONITOR WELL LOCATION
MW-1D	DEEP MONITOR WELL LOCATION
*	OVER THE NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 GROUNDWATER STANDARD
<1.00	NOT DETECTED (REPORTED LIMIT LISTED)
ALL UNITS IN MICROGRAMS PER LITER	

THIS PLAN BASED UPON A BOUNDARY AND MONITORING WELL LOCATION SURVEY PLAN PREPARED BY CONTROL POINT ASSOCIATES, INC. DATED 10-13-2008.

ONLY VOC OR SVOC COMPOUNDS EXCEEDING STANDARDS AT ONE OR MORE LOCATIONS IN JULY 2013 SHOWN

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

Figure No.

1

Title
MONITORING WELL LOCATIONS WITH
SELECT GROUNDWATER RESULTS

August 7, 2013
191710864

SG-1	ug/m ³	6/19/13	7/11/13	10/16/13
cis-1,2-Dichloroethene	<19.83	6.76	<115.78	
Tetrachloroethene	2,746.38	2,610	16,614	
Trichloroethene	192.4	188	1,101.72	
Vinyl Chloride	59.56	43.3	<74.64	
m,p-Xylene	224.57	<33.8	345.1	
Toluene	171.58	6.42	360.85	

AA-2	ug/m ³	6/18/13	10/16/13
cis-1,2-Dichloroethene	<9.91	<1.98	
Tetrachloroethene	166.14*	467.9*	
Trichloroethene	<13.44	<2.69	
Vinyl Chloride	<6.39	<1.28	
m,p-Xylene	<21.68	7.28	
Toluene	<9.41	2.41	

AA-3	ug/m ³	6/18/13	10/16/13
cis-1,2-Dichloroethene	<9.91	<0.4	
Tetrachloroethene	<16.95	1.42	
Trichloroethene	<13.44	0.16 ^	
Vinyl Chloride	<6.39	<0.26	
m,p-Xylene	<21.68	0.95	
Toluene	<9.41	2.41	

SG-4	ug/m ³	6/19/13	7/11/13	10/16/13
cis-1,2-Dichloroethene	<19.83	<5.00	<1.98	
Tetrachloroethene	2,909.13	399	435.35	
Trichloroethene	54.82	9.1	7.42	
Vinyl Chloride	<12.78	<5.00	<1.28	
m,p-Xylene	327.75	<10.0	4.81	
Toluene	156.16	<5.00	4.67	

SG-5	ug/m ³	6/17/13
cis-1,2-Dichloroethene	<0.500	
Tetrachloroethene	0.29	
Trichloroethene	<0.500	
Vinyl Chloride	<0.500	
m,p-Xylene	0.78	
Toluene	1.15	

SG-6	ug/m ³	6/17/13	7/11/13	7/11/13
cis-1,2-Dichloroethene	<0.500	<0.10000	<0.20000	
Tetrachloroethene	0.35	0.16	0.26	
Trichloroethene	<0.500	<0.10000	<0.20000	
Vinyl Chloride	<0.500	<0.10000	<0.20000	
m,p-Xylene	1.01	0.4	0.6	
Toluene	1.8	0.65	0.74	

AA-1	ug/m ³	6/18/13	10/16/13
cis-1,2-Dichloroethene	<3.97	<0.4	
Tetrachloroethene	45.03	0.34 ^	
Trichloroethene	5.27*	<0.21 ^	
Vinyl Chloride	<2.56	<0.26	
m,p-Xylene	<8.67	<0.87	
Toluene	5.95	<0.38	

V:\1917\active\191710864\Drawing\Walbaums Supermarket_1-17-14.dwg



Stantec

Stantec Consulting Services, Inc.

100 Pearl Street, 11th Floor
Hartford, Connecticut
06103

860.948.1628
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LEGEND

SG-1	SOIL GAS SAMPLE LOCATION (APPROX)	~	REPORT AS SIM WITH LOWER REPORTING LEVELS
AA-1	AMBIENT AIR SAMPLE LOCATION	+	2004 SAMPLE LOCATION
MW-1S	SHALLOW MONITOR WELL LOCATION	+	2008 AMBIENT AIR SAMPLING LOCATION
MW-1D	DEEP MONITOR WELL LOCATION	+	2008 SOIL BORING LOCATION
*	AN EXCEEDANCE OF THE NYSDOH INDOOR AIR GUIDELINE VALUES (COMPARED TO AMBIENT AIR SAMPLES ONLY)		
<19.83	NOT DETECTED (REPORTED LIMIT LISTED)		
ALL UNITS IN MICROGRAMS PER CUBIC METER			

THIS PLAN BASED UPON A BOUNDARY AND MONITORING WELL LOCATION SURVEY PLAN PREPARED BY CONTROL POINT ASSOCIATES, INC. DATED 10-13-2008.

Client/Project

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

Figure No.

2

Title

SOIL VAPOR AND AIR SAMPLING LOCATIONS
WITH SELECT BTEX AND CVOC RESULTS

Table 1
Summary of Soil Detects
Waldbaum's Plaza
152-153 10th Avenue
Whitestone, NY

Sample Location	CP-51, Table 375-6.8(b) Res.	CP-51, Table 375-6.8(b) Restricted Res.	CP-51, Table 375-6.8(b) Commercial	CP-51, Table 375-6.8(b) Industrial	CP-51, Table 375-6.8(b) Protect of Eco Resources	CP-51, Table 375-6.8(b) Protect of GW	MW-101D-13-14'	MW-101D-45-46'	MW-102D-15-16'	MW-102D-38-39'	MW-103D-12-13'	MW-103D-38-39'	SG-1A
Laboratory ID							SB71726-05	SB71801-04	SB71901-03	SB71901-04	SB71726-03	SB71726-04	01
Sample Date							6/18/2013	6/18/2013	6/19/2013	6/19/2013	6/18/2013	6/18/2013	7/10/2013
SW846 9045D (pH Units)	NE	NE	NE	NE	NE	NE	8.01	7.65	7.66	8.03	8.09	7.11	NA
ASTM D422 (% Retained)													
Fractional % Sieve #4 (>4750µm)	NE	NE	NE	NE	NE	NE	2.78	4.22	5.4	1.04	2.87	2.26	NA
Fractional % Sieve #10 (4750-2000µm)	NE	NE	NE	NE	NE	NE	20.3	3.99	13.8	2.83	5.2	3.31	NA
Fractional % Sieve #20 (2000-850µm)	NE	NE	NE	NE	NE	NE	21.4	11.8	15.7	22.4	17.2	16.7	NA
Fractional % Sieve #40 (850-425µm)	NE	NE	NE	NE	NE	NE	14.7	29.6	19.8	30	37.6	44.9	NA
Fractional % Sieve #60 (425-250µm)	NE	NE	NE	NE	NE	NE	13	27.4	15.5	18	17.7	16.8	NA
Fractional % Sieve #100 (250-150µm)	NE	NE	NE	NE	NE	NE	7.99	12.8	11.7	12.8	8.15	7.76	NA
Fractional % Sieve #200 (150-75µm)	NE	NE	NE	NE	NE	NE	6.6	0.962	8.24	4.62	5.43	4.37	NA
Fractional % Sieve #230 (less than 75µm)	NE	NE	NE	NE	NE	NE	13.2	9.17	9.92	8.35	5.82	3.88	NA
Sulfate as SO4 (EPA 300.0 (mg/kg))	NE	NE	NE	NE	NE	NE	123	27.2	78.4	47.3	40.7	52.2	NA
Specific Conductance (EC) SM2510B (uS/cm)	NE	NE	NE	NE	NE	NE	616	64.5	66.6	79.6	152	47.5	NA
% Solids SM2540 G Mod. (%)	NE	NE	NE	NE	NE	NE	73.7	83.4	88.3	82.9	91.2	88.6	NA
Sulfide SM4500-S D (mg/kg)	NE	NE	NE	NE	NE	NE	1.67	0.71	0.78	<0.971	<1.00	0.893	NA
Volatile Organic Compounds SW846 8260C													
Acetone	100000	100000	500000	1000000	2200	50	<64.9	<25.5	<370	<32.8	43.2	25.5	24.4
Naphthalene	100000	100000	500000	1000000	NE	12000	<6.5	<2.5	<37.0	<3.3	<2.8	<2.9	93.4
Tetrachloroethene	5500	19000	150000	300000	2000	1300	<6.5	<2.5	<37.0	<3.3	<2.8	<2.9	91

NE = Not Established
NA = Not Analysed
Blue underlined values indicate an exceedance of the most stringent soil standard

Table 2
Summary of Groundwater Data (Detects)
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location	TOGS 1.1.1	MW-1S	MW-1D	MW-2D	MW-2S	MW-2S	MW-DUP	MW-103D	MW-3D	MW-101D	MW-101S	MW-102D	MW-102S	Trip Blank	Trip Blank
Laboratory ID	Groundwater	SB72998-02	SB72998-03	SB72998-04	SB72998-05	05RE1	SB72998-06	SB72998-07	SB72998-08	SB73081-01	SB73081-02	SB73081-03	SB73081-04	SB72998-09	SB73081-05
Sample Date	Standards	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/11/2013	7/10/2013	7/11/2013	7/11/2013	7/11/2013	7/11/2013	7/10/2013	7/11/2013
Sulfate as SO4	500000	NA	NA	64.1	21.4	NA	21.2	NA	NA	41	32.7	NA	NA	NA	NA
Nitrate as N	20000	NA	NA	<0.100	<0.100	NA	<0.100	NA	NA	<0.100	<0.100	NA	NA	NA	NA
Mod EPA 3C/SOP RSK-175 (µg/l)							Re-ran								
Methane	NE	NA	NA	11.6	119	100	135	NA	NA	52.6	<22.0	NA	NA	NA	NA
Ethane	NE	NA	NA	<5.00	<5.00	<25.0	5.07	NA	NA	<5.00	<50.0	NA	NA	NA	NA
Ethene	NE	NA	NA	<5.00	<5.00	<25.0	10.1	NA	NA	<5.00	<50.0	NA	NA	NA	NA
Carbon dioxide	NE	NA	NA	4860	6270	4720	6120	NA	NA	4920	10600	NA	NA	NA	NA
Hydrogen	NE	NA	NA	<2.70	<2.70	<13.5	<2.70	NA	NA	<2.70	<27.0	NA	NA	NA	NA
Nitrogen	NE	NA	NA	1830	23600	32600	4210	NA	NA	6400	<3740	NA	NA	NA	NA
Oxygen	NE	NA	NA	696	8440	12800	1830	NA	NA	2190	<4500	NA	NA	NA	NA
Metabolic Acids Modified EPA 300.0 (mg/L)															
Pyruvic Acid	NE	NA	NA	<5.0	<5.0	NA	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	NA
Lactic Acid	NE	NA	NA	<5.0	<5.0	NA	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	NA
Acetic Acid	NE	NA	NA	<5.0	<5.0	NA	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	NA
Propionic Acid	NE	NA	NA	<5.0	<5.0	NA	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	NA
Butyric Acid	NE	NA	NA	<5.0	<5.0	NA	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	NA
Volatile Organic Compounds SW846 8260C (µg/l)															
Carbon disulfide	60	<200	<10.0	<2.00	<20.0	NA	<20.0	2.47	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Chloroethane	5	<200	<10.0	<2.00	<20.0	NA	<20.0	<2.00	<2.00	2.88	<2.00	<2.00	<2.00	<2.00	<2.00
1,1-Dichloroethane	5	<100	<5.00	<1.00	<10.0	NA	<10.0	<1.00	<1.00	<u>18.6</u>	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	0.6	<100	<5.00	<1.00	<10.0	NA	<10.0	<1.00	<u>1.86</u>	<u>1.31</u>	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethene	5	<100	<5.00	1.7	<u>8.8</u>	NA	<u>8.1</u>	<1.00	<1.00	<u>5.52</u>	<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	5	<u>1830</u>	<u>20.6</u>	<u>47.7</u>	<u>186</u>	NA	<u>194</u>	<1.00	0.98	<u>19.3</u>	<1.00	<1.00	<1.00	<1.00	<1.00
Methyl tert-butyl ether	10	<100	<u>14.4</u>	<1.00	<10.0	NA	<10.0	2.11	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	5	<u>6140</u>	<u>70.4</u>	<1.00	<u>354</u>	NA	<u>288</u>	0.88	2.16	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	5	<u>548</u>	<u>9.5</u>	<1.00	<u>221</u>	NA	<u>201</u>	<1.00	<1.00	1.25	<1.00	3.56	3.24	<1.00	<1.00
Vinyl chloride	2	<100	<5.00	<u>12.2</u>	<u>47.4</u>	NA	<u>50.5</u>	<1.00	1.37	<u>2.47</u>	<1.00	<1.00	<1.00	<1.00	<1.00
Semivolatile Organic Compounds 8270D (µg/l)															
Benzoic acid	NE	<5.26	<5.32	<5.10	<5.21	NA	<5.32	<5.62	<5.32	4.15	<5.10	<5.10	<5.15	NA	NA
Bis(2-ethylhexyl)phthalate	5	<5.26	<5.32	<5.10	<5.21	NA	<5.32	1.33	<5.32	1.3	2.05	<5.10	1.67	NA	NA

NE = Not Established

NA = Not Analyzed

Blue and Underlined exceed the TOGS 1.1.1 Groundwater Standards

<5.0 = Not detected (reported limit listed)

Table 3
Summary of Soil Vapor and Air Sampling
Waldbaum's Plaza
152-153 10th Avenue, Whitestone, New York

Sample Location	NYSDOH Indoor Air Guideline (ug/m3)	SG-1	SG-1	SG-1	AA-2	AA-2	SG-4	SG-4	SG-4	AA-1	AA-1	
Laboratory ID		SB71901-02	SB73048-01	SB78841-04	SB71801-02	SB78841-03	SB71901-01	SB73048-02	SB78841-05	SB71801-01	SB78841-02	
Sample Date		6/19/2013	7/11/2013	10/16/2013	6/18/2013	10/16/2013	6/19/2013	7/11/2013	10/16/2013	6/18/2013	10/16/2013	
Media		Soil Vapor			Ambient Air		Soil Vapor			Ambient Air		
Location		Inside Drycleaner					Inside Bank					
VOCs by EPA TO-15 (ug/m3)												
Propene	NE	133.04	<16.9	<50.26	<4.3	<0.86	<8.61	<5.00	<0.86	<1.72	<0.17	
1,2,4-Trimethylbenzene	NE	72.76	14.5	91.93	<12.29	<2.46	195.17	15.1	1.47	3.24	<0.49	
1,3,5-Trimethylbenzene	NE	<24.58	<16.9	<143.55	<12.29	<2.46	34.41	3.1	<2.46	<4.92	<0.49	
1,4-Dioxane	NE	<18	<16.9	<105.1	<9	<1.8	<18	<5.00	<1.8	<3.6	<1.8	
2-Butanone (MEK)	NE	<14.74	<16.9	<86.11	<7.37	<1.47	<14.74	<5.00	3.69	<2.95	<0.29	
2-Hexanone (MBK)	NE	<20.49	<16.9	<119.67	<10.25	<2.05	<20.49	<5.00	<2.05	<4.1	<0.41	
4-Ethyltoluene	NE	35.4	<16.9	<143.55	<12.29	<2.46	70.79	2.7	<2.46	<4.92	<0.49	
4-Methyl-2-pentanone (MIBK)	NE	<20.49	<16.9	<119.67	<10.25	<2.05	<20.49	<5.00	<2.05	<4.1	<0.41	
Acetone	NE	337.43	<16.9	1451.91	15.45	18.58	<11.88	<5.00	30.18	29.94	28.28	
Benzene	NE	17.23	<16.9	<93.15	<7.98	0.64	<15.95	<5.00	0.77	<3.19	<0.32	
Carbon disulfide	NE	25.52	<16.9	295.06	<7.78	5.04	<15.56	<5.00	<1.56	<3.11	0.22	
Carbon tetrachloride	NE	<31.45	<16.9	<183.68	<15.73	<3.15	<31.45	<5.00	<3.15	<6.29	<0.25^	
Chlorobenzene	NE	<23.03	<16.9	<134.48	<11.51	<2.3	<23.03	<5.00	<2.3	<4.61	<0.46	
Chloroform	NE	89.07	<16.9	<142.12	<12.17	<2.43	<24.34	<5.00	<2.43	<4.87	<0.49	
Chloromethane	NE	<10.33	<16.9	<60.31	<5.16	<1.03	<10.33	<5.00	1.05	1.69	<0.21	
cis-1,2-Dichloroethene	NE	<19.83	6.76	<115.78	<9.91	<1.98	<19.83	<5.00	<1.98	<3.97	<0.4	
Cyclohexane	NE	<17.21	<16.9	<100.51	<8.61	<1.72	<17.21	<5.00	<1.72	<3.44	<0.34	
Dichlorodifluoromethane(Freon12)	NE	<24.72	<16.9	<144.39	<12.36	2.62	81.09	21.6	15.03	20.17	35.36	
Ethanol	NE	49.59	<16.9	950.28	50.15	119.16	<9.43	7.5	90.5	158.19	136.51	
Ethyl acetate	NE	<18.02	<16.9	272.05	<9.01	<1.8	<18.02	<5.00	<1.8	<3.6	<0.36	
Ethylbenzene	NE	49.42	<16.9	78.47	<10.84	2.04	61.13	<5.00	1.04	<4.34	<0.43	
Hexane	NE	35.61	<16.9	325.76	<8.81	1.76	80.03	<5.00	7.19	<3.53	1.3	
Isopropyl alcohol	NE	<12.27	<16.9	180.86	<6.13	2.63	<12.27	<5.00	53.5	10.65	26.75	
Isopropylbenzene	NE	<24.58	<16.9	<143.55	<12.29	<2.46	<24.58	<5.00	<2.46	<4.92	<0.49	
m,p-Xylene	NE	224.57	<33.8	345.1	<21.68	7.28	327.75	<10.0	4.81	<8.67	<0.87	
Methylene chloride	60	<17.36	<16.9	<101.39	<8.68	<1.74	<17.36	<5.00	<1.74	<3.47	<0.35	
Naphthalene	NE	<26.18	<16.9	<152.87	<13.09	<2.62	28.79	2.6	<2.62	<5.24	<2.62	
n-Heptane	NE	<20.49	<16.9	<119.67	<10.25	<2.05	<20.49	<5.00	<2.05	<4.1	<0.41	
o-Xylene	NE	52.89	<16.9	134.4	<10.84	1.91	84.54	<5.00	1.56	<4.34	<0.43	
Styrene	NE	<21.27	<16.9	<124.2	<10.63	<2.13	<21.27	<5.00	<2.13	<4.25	<0.43	
Tetrachloroethene	100	2,746.4	2610	16,614	166.14	467.9	2909.13	399	435.35	45.03	0.34^	
Tetrahydrofuran	NE	<14.74	<16.9	<86.11	<7.37	<1.47	<14.74	<5.00	<1.47	<2.95	<0.29	
Toluene	NE	171.58	6.42	360.85	<9.41	2.41	156.16	<5.00	4.67	5.95	<0.38	
Trichloroethene	5	192.4	188	1101.72	<13.44	<2.69	54.82	9.1	7.42	5.27	<0.21^	
Trichlorofluoromethane (Freon 11)	NE	<28.1	<16.9	<164.09	<14.05	<2.81	<28.1	<5.00	<2.81	<5.62	1.46	
Vinyl chloride	NE	59.56	43.3	<74.64	<6.39	<1.28	<12.78	<5.00	<1.28	<2.56	<0.26	
Helium (%)	NE	NA	17.4	0	NA	NA	NA	0	0	NA	NA	

NE = Not Established

^ Reported as SIM with lower reporting levels

NA = Not Analyzed

<5.0 = Not detected (reported limit listed)

Blue underlined values denote an exceedance of the
NYSDOH indoor air guideline values (compared to
ambient air samples only)

Table 3
Summary of Soil Vapor and Air Sampling
Waldbaum's Plaza
152-153 10th Avenue, Whitestone, New York

Sample Location	NYSDOH Indoor Air Guideline (ug/m3)	SG-5	AA-3	AA-3	SG-6	SG-6	SG-6	Trip-7/11
Laboratory ID		SB71726-01	SB71801-03	SB78841-01	SB71726-02	SB73048-04	SB73048-04RE1	SB73048-03
Sample Date		6/17/2013	6/18/2013	10/16/2013	6/17/2013	7/11/2013	7/11/2013	7/11/2013
Media		Soil Vapor	Ambient Air		Soil Vapor			
Location		Sidewalk Bank	Outside Rear		Sidewalk Res			
VOCs by EPA TO-15 (ug/m3)								
Propene	NE	<0.500	<4.3	<0.17	<0.500	<0.10000	<0.20000	<0.10000
1,2,4-Trimethylbenzene	NE	0.81	<12.29	<0.49	0.37	0.16	0.26	<0.10000
1,3,5-Trimethylbenzene	NE	<0.500	<12.29	<0.49	<0.500	0.13	<0.20000	<0.10000
1,4-Dioxane	NE	<0.500	41.75	<1.8	<0.500	<0.50000	<1.0000	<0.50000
2-Butanone (MEK)	NE	<0.500	50.43	2.54	<0.500	1.34	1.42	<0.10000
2-Hexanone (MBK)	NE	<0.500	<10.25	<0.41	<0.500	0.17	<0.20000	<0.10000
4-Ethyltoluene	NE	<0.500	<12.29	<0.49	0.26	0.14	0.26	<0.10000
4-Methyl-2-pentanone (MIBK)	NE	<0.500	<10.25	<0.41	<0.500	0.15	0.2	<0.10000
Acetone	NE	9.82	394.46	17.3	12.5	11.05	12.88	1.31
Benzene	NE	0.22	4.63	0.7	0.44	0.26	0.28	<0.10000
Carbon disulfide	NE	<0.500	<7.78	0.44	<0.500	0.2	0.22	<0.50000
Carbon tetrachloride	NE	<0.500	<15.73	0.38^	<0.500	0.08	<0.20000	<0.10000
Chlorobenzene	NE	<0.500	<11.51	<0.46	0.37	<0.10000	<0.20000	<0.10000
Chloroform	NE	<0.500	<12.17	<0.49	<0.500	0.05	0.1	<0.10000
Chloromethane	NE	0.65	<5.16	<0.21	0.76	0.55	0.7	<0.10000
cis-1,2-Dichloroethene	NE	<0.500	<9.91	<0.4	<0.500	<0.10000	<0.20000	<0.10000
Cyclohexane	NE	<0.500	<8.61	<0.34	<0.500	0.1	<0.20000	<0.10000
Dichlorodifluoromethane(Freon12)	NE	0.53	<12.36	3.51	0.56	0.38	0.56	<0.10000
Ethanol	NE	9.73	45.63	105.96	16.6	12.13	17.62	0.21
Ethyl acetate	NE	<0.500	<9.01	<0.36	<0.500	<0.10000	1.08	<0.10000
Ethylbenzene	NE	<0.500	<10.84	<0.43	0.24	0.17	0.26	<0.10000
Hexane	NE	0.99	<8.81	1.73	1.22	0.5	1.92	<0.50000
Isopropyl alcohol	NE	<0.500	<6.13	2.65	2.02	0.97	1.84	<0.50000
Isopropylbenzene	NE	<0.500	<12.29	<0.49	<0.500	0.1	<0.20000	<0.10000
m,p-Xylene	NE	0.78	<21.68	0.95	1.01	0.4	0.6	<0.20000
Methylene chloride	60	1.72	<8.68	<0.35	1.09	0.14	0.18	<0.10000
Naphthalene	NE	0.77	<13.09	<2.62	<0.500	<0.50000	<1.0000	<0.50000
n-Heptane	NE	<0.500	43.44	<0.41	<0.500	<0.10000	<0.20000	<0.10000
o-Xylene	NE	<0.500	<10.84	<0.43	0.4	0.16	0.26	<0.10000
Styrene	NE	<0.500	<10.63	<0.43	<0.500	0.14	<0.20000	<0.10000
Tetrachloroethene	100	0.29	<16.95	1.42	0.35	0.16	0.26	<0.10000
Tetrahydrofuran	NE	<0.500	26.24	<0.29	<0.500	<0.10000	<0.20000	<0.10000
Toluene	NE	1.15	<9.41	2.41	1.8	0.65	0.74	<0.10000
Trichloroethene	5	<0.500	<13.44	0.16^	<0.500	<0.10000	<0.20000	<0.10000
Trichlorofluoromethane (Freon 11)	NE	<0.500	<14.05	1.91	<0.500	0.25	0.32	<0.10000
Vinyl chloride	NE	<0.500	<6.39	<0.26	<0.500	<0.10000	<0.20000	<0.10000
Helium (%)	NE	0	NA	NA	NA	0	0	NA

NE = Not Established

NA = Not Analyzed

<5.0 = Not detected (reported limit listed)

Blue underlined values denote an exceedance of the
NYSDOH indoor air guideline values (compared to
ambient air samples only)

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

Analyte/Method ¹	units ²	NYSDEC Soil Cleanup Objectives ³	B-101	B-101	B-102	B-102	B-103	B-103	B-104	B-104	B-105	B-105
			(7.6)	(14.5)	(6.5)	(13.6)	(7.5)	(13.6)	(7.0)	(14.3)	(5.5)	(13.5)
Sample Depth	feet		460-140792-8	460-140792-9	460-140792-6	460-140792-7	460-140792-4	460-140792-5	460-140792-2	460-140792-3	460-140863-12	460-140863-13
Laboratory ID												
Sample Collection Date			09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/12/17
Volatile Organic Compounds (VOCs) by EPA Method 8260B												
1,1-Dichloroethene	mg/kg	0.33	0.00027 U	0.00020 U	0.00028 U	0.00019 U	0.00018 U	0.00022 U	0.00023 U	0.00021 U	0.00022 U	0.00019 U
2-Butanone (MEK)	mg/kg	0.1	0.0014 UJ	0.00097 UJ	0.0014 UJ	0.00091 U	0.0019 NJ	0.0011 U	0.0025 NJ	0.0010 UJ	0.0020 NJ	0.00093 U
Acetone	mg/kg	0.05	0.0046 U	0.0043 NJB	0.0048 U	0.0031 U	0.017 JB	0.0037 U	0.011 JB	0.0059 JB	0.0036 U	0.0042
Carbon disulfide	mg/kg	2.7 *	0.00032 U	0.00023 U	0.00034 U	0.00022 U	0.00036 NJ	0.00057 NJ	0.00039 NJ	0.00026 NJ	0.00025 U	0.00022 U
Chloroethane	mg/kg	1.9 *	0.00064 UJ	0.00046 UJ	0.00066 UJ	0.00043 UJ	0.00042 U	0.00051 UJ	0.00052 UJ	0.00049 UJ	0.00050 U	0.00044 U
cis-1,2-Dichloroethene	mg/kg	0.25	0.00018 U	0.00013 U	0.0017	0.0042 U	0.00012 U	0.077	0.00015 U	0.059	0.00015 U	0.034
Ethylbenzene	mg/kg	1.0	0.00024 U	0.00017 U	0.00025 U	0.00016	0.00016 U	0.00019 U	0.00020 U	0.00019 U	0.00019 U	0.00017 U
m&p-Xylene	mg/kg	0.26	0.00021 U	0.00015 U	0.00030 NJ	0.00014 U	0.00022 NJ	0.00032 NJ	0.00028 NJ	0.00046 NJ	0.00024 NJ	0.00020 UJB
Methylcyclohexane	mg/kg	NS	0.00019 U	0.00014 U	0.0002 U	0.00013 U	0.00053 J	0.00016 U	0.00016 U	0.00015 U	0.00015 U	0.00013 U
Methylene Chloride	mg/kg	0.05	0.0002 U	0.00028 NJB	0.00034 NJB	0.00021 UJB	0.00015 UJB	0.00026 NJB	0.00035 NJB	0.00024 UJB	0.00016 U	0.00014 U
o-Xylene	mg/kg	0.26	0.00012 U	0.000083 U	0.00012 U	0.000078 U	0.00011 NJ	0.000093 U	0.00012 NJ	0.00022 NJ	0.000091 U	0.00008 U
Tetrachloroethene (PCE)	mg/kg	1.3	0.00017 U	0.00012 U	0.00023 NJ	0.00024 NJ	0.00024 NJ	0.00022 NJ	0.00014 U	0.00013 U	0.00014 U	0.00012 U
Toluene	mg/kg	0.7	0.00076 U	0.00055 U	0.00079 U	0.00052 U	0.00051 U	0.00061 U	0.00063 U	0.00059 U	0.0006 U	0.00052 U
trans-1,2-Diochloroethene	mg/kg	0.19	0.0003 U	0.00021 U	0.00031 U	0.0002 U	0.0002 U	0.00032 J	0.00025 U	0.00059 NJ	0.00024 U	0.00021 U
Trichloroethene	mg/kg	0.47	0.00018 U	0.00013 U	0.00036 NJ	0.00057 NJ	0.00012 U	0.00053 NJ	0.00014 U	0.00014 U	0.00014 U	0.00012 NJ
Vinyl Chloride	mg/kg	0.02	0.00066 U	0.00048 U	0.00069 U	0.00054 NJ	0.00044 U	0.0031	0.00055 U	0.00056 NJ	0.00052 U	0.00046 U
Total VOCs	mg/kg		0.0	0.00458	0.00293	0.00576	0.02051	0.08232	0.01464	0.06723	0.00224	0.03852

Notes:
¹ Only detected compounds listed - all others below respective laboratory detection limits
² mg/Kg = miligrams per kilogram = parts per million (ppm)
³ 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
Bold = concentration exceeds Supplemental Soil Cleanup Objectives

J = Concentration is an approximate value.
B = Compound found in the blank and sample
U = Analyte was analyzed for but not detected

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

Analyte/Method ¹	units ²	NYSDEC Soil Cleanup Objectives ³	B-106	B-106	B-107	B-107	B-108	B-108	B-109	B-110	B-110
			(5.5)	(14.5)	(6.5)	(12.5)	(5.5)	(13.5)	(3.5 - 5.0)	(6.5)	(14.5)
Sample Depth	feet		460-140863-14	460-140863-15	460-140863-16	460-140863-17	460-140863-18	460-140863-19	460-140863-11	460-140792-10	460-140792-11
Laboratory ID			09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/11/17	09/11/17
Sample Collection Date											
Volatile Organic Compounds (VOCs) by EPA Method 8260											
1,1-Dichloroethene	mg/kg	0.33	0.00023 U	0.00030 U	0.00020 U	0.00019 U	0.00021 U	0.00021 U	0.00020 U	0.027 U	0.029 U
2-Butanone (MEK)	mg/kg	0.1	0.0019 NJ	0.00015 U	0.00100 U	0.0012 NJ	0.0010 U	0.0010 U	0.011	0.18 U	0.19 U
Acetone	mg/kg	0.05	0.0089	0.0071	0.015	0.0051	0.0082	0.010	0.055	0.085 U	0.09 U
Carbon disulfide	mg/kg	2.7 *	0.00027 U	0.0013	0.00024 U	0.0025	0.00025 U	0.00024 U	0.00024 U	0.018 U	0.019 U
Chloroethane	mg/kg	1.9 *	0.00053 U	0.00070 U	0.00047 U	0.00045 U	0.00049 U	0.00048 U	0.00046 U	0.030 U	0.031 U
cis-1,2-Dichloroethene	mg/kg	0.25	0.00015 U	0.018	0.014	0.00030 NJ	0.00014 U	0.00014 U	0.00014 U	0.18	0.31
Ethylbenzene	mg/kg	1.0	0.00042 NJ	0.00027 U	0.00018 U	0.00017 U	0.0016	0.00018 U	0.00018 U	0.024 U	0.025 U
m&p-Xylene	mg/kg	0.26	0.0016 JB	0.00037 NJB	0.00017 UJB	0.00023 NJ	0.0063 B	0.00020 U	0.00015 U	0.022 U	0.024 U
Methylcyclohexane	mg/kg	NS	0.00061 NJ	0.00022 U	0.00014 U	0.00014 U	0.00015 U	0.00015 U	0.00014 U	0.018 U	0.019 U
Methylene Chloride	mg/kg	0.05	0.00016 U	0.00022 U	0.00015 U	0.00014 U	0.00015 U	0.00015 U	0.00015 U	0.017 U	0.018 U
o-Xylene	mg/kg	0.26	0.0011	0.00013 U	0.000086 U	0.000081 U	0.0027	0.000087 U	0.000085 U	0.026 U	0.027 U
Tetrachloroethene (PCE)	mg/kg	1.3	0.00014 U	0.00019 U	0.00013 U	0.00012 U	0.00087 NJ	0.00013 U	0.00013 U	4.4	1.4
Toluene	mg/kg	0.7	0.00063 U	0.00084 U	0.00056 U	0.00053 U	0.00061 NJ	0.00058 U	0.00056 U	0.02 U	0.021 U
trans-1,2-Diochloroethene	mg/kg	0.19	0.00025 U	0.00033 U	0.00022 U	0.00021 U	0.00023 U	0.00023 U	0.00022 U	0.014 U	0.015 U
Trichloroethene	mg/kg	0.47	0.00015 U	0.00019 U	0.00013 U	0.00012 U	0.00014 U	0.00013 U	0.00013 U	0.49	0.40
Vinyl Chloride	mg/kg	0.02	0.00055 U	0.00074 U	0.00049 U	0.00047 U	0.00051 U	0.00050 U	0.00049 U	0.016 U	0.017 U
Total VOCs	mg/kg		0.01453	0.02677	0.02917	0.00933	0.02028	0.0102	0.066	5.07	2.11

Notes:

¹ Only detected compounds listed - all others below respective laboratory detection limits

² mg/Kg = milligrams per kilogram = parts per million (ppm)

³ 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

Bold = concentration exceeds Supplemental Soil Cleanup Objectives

J = Concentration is an approximate value.

B = Compound found in the blank and sample

U = Analyte was analyzed for but not detected

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

Analyte/Method ¹	units ²	NYSDEC Soil Cleanup Objectives ³	B-111	B-111	B-112	B-112	B-113	B-113	B-114	B-114	B-115	B-115
			(3.5)	(14.5)	(8.5)	(14.5)	(6.5)	(12.9)	(1.0)	(14.0)	(6.5)	(14.0)
Sample Depth	feet		460-140863-1	460-140863-2	460-140863-3	460-140863-4	460-140863-5	460-140863-6	460-140863-9	460-140863-10	460-140863-7	460-140863-8
Laboratory ID			09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/12/17	09/12/17
Sample Collection Date												
Volatile Organic Compounds (VOCs) by EPA Method 8260												
1,1-Dichloroethene	mg/kg	0.33	0.00022 U	0.00023 U	0.00019 U	0.00019 U	0.025 U	0.064 U	0.029 U	0.00023 NJ	0.00019 U	0.00023 J
2-Butanone (MEK)	mg/kg	0.1	0.0011 U	0.0012 U	0.00094 U	0.00096 U	0.16 U	0.41 U	0.15 U	0.0078 U	0.0016 NJ	0.00090 U
Acetone	mg/kg	0.05	0.0037 U	0.0072	0.018	0.010	0.080 U	0.20 U	0.092 U	0.0086	0.0087	0.0094
Carbon disulfide	mg/kg	2.7 *	0.00026 U	0.00028 UJ	0.00022 UJ	0.00023 U	0.016 U	0.041 U	0.019 UJ	0.00023 U	0.00062 NJ	0.00022 U
Chloroethane	mg/kg	1.9 *	0.00051 U	0.00054 U	0.00044 U	0.00045 U	0.028 U	0.07 U	0.032 U	0.00045 U	0.00043 U	0.00042 U
cis-1,2-Dichloroethene	mg/kg	0.25	0.00015 U	0.00016 U	0.15	0.049	0.13	2.2	0.17	0.036	0.00013 U	0.16
Ethylbenzene	mg/kg	1.0	0.00019 U	0.00021 U	0.00017 U	0.00017 NJ	0.022 U	0.0560 U	0.026 U	0.00017 U	0.00017 U	0.00016 U
m&p-Xylene	mg/kg	0.26	0.00030 NJB	0.00018 UJB	0.00015 U	0.00050 NJB	0.021 U	0.053 U	0.024 U	0.00015 U	0.00014 U	0.00014 U
Methylcyclohexane	mg/kg	NS	0.00015 U	0.00017 U	0.00013 U	0.00014 U	0.016 U	0.041 U	0.019 U	0.00014 U	0.00013 U	0.00013 U
Methylene Chloride	mg/kg	0.05	0.00016 U	0.00017 U	0.00042 NJB	0.00014 U	0.016 U	0.039 U	0.018 U	0.00014 U	0.00014 U	0.00013 U
o-Xylene	mg/kg	0.26	0.000092 U	0.000099 U	0.000080 U	0.00013 NJ	0.024 U	0.060 U	0.027 U	0.000081 U	0.000079 U	0.000077 U
Tetrachloroethene (PCE)	mg/kg	1.3	0.0031	0.00015 U	0.013	0.0060	3.0	52	18	0.0016	0.00012 U	0.25
Toluene	mg/kg	0.7	0.0006 U	0.00065 U	0.00053 U	0.00054 U	0.019 U	0.047 U	0.021 U	0.00053 U	0.00052 U	0.00051 U
trans-1,2-Diochloroethene	mg/kg	0.19	0.00024 U	0.00026 U	0.00045 NJB	0.00040 NJ	0.013 U	0.034 U	0.015 U	0.00021 U	0.0002 U	0.0011
Trichloroethene	mg/kg	0.47	0.00036 NJ	0.00015 U	0.0065	0.0024	0.32	4.1	7.8	0.0023	0.00012 U	0.29
Vinyl Chloride	mg/kg	0.02	0.00053 U	0.00057 U	0.00046 U	0.00097 U	0.015 U	0.056 NJ	0.017 U	0.00065 NJ	0.00045 U	0.0032
Total VOCs	mg/kg		0.00376	0.00738	0.18837	0.06957	3.45	58.356	25.97	0.04915	0.01092	0.71393

Notes:

¹ Only detected compounds listed - all others below respective laboratory detection limits

² mg/Kg = miligrams per kilogram = parts per million (ppm)

³ 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

Bold = concentration exceeds Supplemental Soil Cleanup Objectives

J = Concentration is an approximate value.

B = Compound found in the blank and sample

U = Analyte was analyzed for but not detected

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

Sample Location	Groundwater	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D	MW-101S	MW-101D	MW-102S	MW-102D	MW-103D	MW-201S	MW-201D	MW-DUP	Trip Blank
Laboratory ID	Quality Std	460-144917-15	460-144917-14	460-144917-9	460-144917-8	460-144917-7	460-144917-6	460-144917-2	460-144917-3	460-144917-12	460-144917-13	460-144917-11	460-144917-4	460-144917-5	460-144917-10	460-144917-1
Sample Date	(ug/L)	11/9/2017	11/9/2017	11/8/2017	11/8/2017	11/8/2017	11/8/2017	11/7/2017	11/7/2017	11/9/2017	11/9/2017	11/9/2017	11/8/2017	11/8/2017	11/8/2017	11/9/2017
Volatile Organic Compounds SW846 8260C (µg/l)																
1,1-Dichloroethane	5	0.48 U	4.0	0.40 NJ	0.24 U	0.24 U	0.78 NJ	0.24 U	9.7	0.24 U	0.24 U	0.57 NJ	0.24 U	7.8	0.35 J	0.24 U
1,1-Dichloroethene	5	0.83 NJ	0.94 NJ	7.2	1.1	0.34 U	0.34 U	0.34 U	2.5	0.34 U	0.34 U	0.34 U	0.34 U	3.0	7.0	0.34 U
1,2-Diclorobenzene	3	0.44 U	0.19 U	0.22 U	0.19 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.44 NJ	0.22 U	0.22 U	0.22 U	0.22 U
1,2-Dichloroethane	0.6	0.50 U	0.28 J	0.25 U	0.25 U	0.25 U	1.8	0.25 U	0.95 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 NJ	0.25 U	0.25 U
1,4-Diclorobenzene	3	0.66 U	0.85 J	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	0.33 U	0.33 U	0.33 U	0.33 U
Acetone	50	1.1 U	1.1 UJ	1.1 U	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 U	1.1 UJ
Benzene	1	0.18 U	0.090 U	0.45 J	0.22 NJ	0.090 U	0.090 U	0.090 U	0.16 NJ	0.090 U	0.090 U	0.090 U	0.090 U	0.20 NJ	0.47 J	0.090 U
Bromomethane	NS	0.18 UJ	0.18 U	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.18 U
Carbon disulfide	60	0.44 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	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloroethane	5	0.74 U	0.37 UJ	0.70 NJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.62 J	0.37 UJ
cis-1,2-Dichloroethene	5	500	4.9	420	92	1.8	2.6	0.26 U	72	0.26 U	0.26 U	0.87 NJ	4.9	2.0	410	4.9
Cyclohexane	NS	0.52 U	0.26 UJ	0.43 NJ	0.26 UJ	0.44 NJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.41 J	0.26 UJ
Dichlorodifluoromethane	NS	0.28 U	0.14 UJ	0.14 U	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 U	0.14 UJ
1,1,2-trichloro-1,1,2-trifluoromethane (Freon TF)	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Methylcyclohexane	NS	0.44 U	0.22 U	0.33 NJ	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	0.22 U	0.30 J	0.22 U
Methyl tert-butyl ether	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	94	5.0	91	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	95	0.12 U
trans-1,2 Dichloroethene	5	2.4	0.18 U	2.1	0.64 J	0.18 U	0.18 U	0.18 U	0.87 NJ	0.18 U	0.18 U	0.18 U	0.18 U	1.0	2	0.18 U
Trichloroethene	5	28	1.0	140	0.22 U	0.22 U	0.22 U	0.22 U	0.65 NJ	0.22 U	2.0	0.74 NJ	0.22 U	1.8	150	0.22 U
Trichlorofluoromethane	NS	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ
Vinyl chloride	2	18	0.49 NJ	25	29	0.060 U	0.94 NJ	0.060 U	22	0.060 U	0.060 U	0.16 NJ	0.22 NJ	0.76 NJ	25	0.060 U

Notes:

Groundwater Quality Standard from: 6 NYCRR Part 703

ug/L = micrograms per liter

NS = No Standard

U =

 Not detected (reported limit listed)

J = Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration.

NJ = Presence of analyte "tentatively identified" , associated value represents its approximate concentration

UJ = Analyte not detected above quantitaion limit. However quantitation limit is approximate and may not represent actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

Blue = Exceed Groundwater Quality Standards

TABLE 7
Summary of Sub-Slab Vapor and Indoor Air Analytical Results: March 2017
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards ¹		Ambient	Bank 1			Bank 2		Cascarinos		Cleaner	
Medium		Subsurface Vapors	Indoor Air	Ambient Air	Sub-Slab Vapor	Sub-Slab Vapor	Indoor Air	Sub-Slab Vapor	Indoor Air	Sub-Slab Vapor	Indoor Air	Sub-Slab Vapor	Indoor Air
Laboratory ID				200-37771-4	200-37771-13	200-37771-14	200-37771-1	200-37771-12	200-37771-2	200-37771-9	200-37771-3	200-37771-11	200-37771-5
Sample ID				Ambient	SG-6	SG-6A	Bank 1	SG-4	Bank 2	SG-8	Cascarino	SG-1	Cleaner
Collection Date				03/09/17	03/10/17	03/10/17	03/09/17	03/11/17	03/09/17	03/10/17	03/09/17	03/10/17	03/09/17
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	1.9 U	1.1 U	17 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	2.4 U	1.4 U	21 U	1.4 U
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	1.4 U	0.79 U	21	0.79 U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	0.98 U	4.8	6.0	1.4	5.2	1.5	1.7 U	0.98 U	15 U	0.98 U
78-87-5	1,2-DICHLOROPROPANE	NS	NS	0.92 U	4.1	0.92 U	0.92 U	0.92 U	0.92 U	1.6 U	0.92 U	14 U	0.92 U
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	0.98 U	1.3	1.6	0.98 U	1.4	0.98 U	1.7 U	0.98 U	15 U	0.98 U
106-99-0	1,3-BUTADIENE	NS	NS	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.77 U	0.44 U	6.7 U	0.44 U
541-73-1	1,3-DICHLOROBENZENE	NS	NS	1.2 U	5.9	5.6	1.2 U	6.0	1.2 U	2.1 U	1.20 U	18 U	1.2 U
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	0.93 U	6.2	6.4	0.93 U	6.3	0.93 U	1.7	0.93 U	14 U	0.93 U
622-96-8	4-ETHYLTOLUENE	NS	NS	0.98 U	1.5	1.9	0.98 U	1.6	0.98 U	1.7 U	0.98 U	15 U	0.98 U
67-64-1	ACETONE	NS	NS	12 U	190 J	21	12 U	18	12 U	26	24	180 U	12 U
71-43-2	BENZENE	NS	NS	0.64 U	4.9 J	3.5	0.64 U	3.8	0.64 U	2.0	0.64 U	9.7 U	0.64 U
106-97-8	BUTANE	NS	NS	1.2 U	36	9.8	1.2 U	9.6	1.2 U	12	1.2 U	18 U	1.4
75-15-0	CARBON DISULFIDE	NS	NS	1.6 U	58	1.6 U	1.6 U	1.6 U	1.6 U	2.7 U	1.6 U	24 U	1.6 U
56-23-5	CARBON TETRACHLORIDE	NS	NS	0.25 U	0.30	0.33	0.38	0.29	0.40	0.44 U	0.40	3.8 U	0.39
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.1 U	13	27 U	1.8 U
67-66-3	CHLOROFORM	NS	NS	0.98 U	8.3	0.98 U	0.98 U	5.7	0.98 U	14	0.98 U	15 U	0.98 U
74-87-3	CHLOROMETHANE	NS	NS	1.0 U	2.9	1.0 U	1 U	1.0 U	1 U	1.8 U	1.0 U	16 U	1.0 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	1.4 U	0.79 U	51	0.79 U
110-82-7	CYCLOHEXANE	NS	NS	0.69 U	4.1	2.3	0.69 U	2.8	0.69 U	1.7	0.69 U	10 U	0.69 U
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	2.5 U	100	84	5.9	5.7	6.6	4.3 U	2.5 U	38 U	2.5 U
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	2.8 U	1.6 U	52	1.6 U
100-41-4	ETHYLBENZENE	NS	NS	0.87 U	4.5	5.0	0.87 U	4.5	0.87 U	1.5 U	0.87 U	13 U	0.87 U
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	12 U	45	25	35	28	24	21 U	93	190 U	12 U
179601-23-1	M,P-XYLENES	NS	NS	2.2 U	15	17	2.2 U	15	2.2 U	3.8 U	2.2 U	33 U	2.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	1.5 U	13	5.2	1.5 U	4.6	1.5	4.8	1.5 U	22 U	1.5 U
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NS	NS	2.0 U	12	2 U	2 U	2.0 U	2 U	3.6 U	2 U	31 U	2 U
75-09-2	METHYLENE CHLORIDE	NS	60	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	3 U	1.7 U	26 U	1.7 U
91-20-3	NAPHTHALENE	NS	NS	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 UJ	4.6 U	2.6 UJ	40 UJ	2.6 UJ
142-82-5	N-HEPTANE	NS	NS	0.82 U	7.0	3.9	0.82 U	3.9	0.82 U	2.5	0.82 U	12 U	0.82 U
110-54-3	N-HEXANE	NS	NS	0.70 U	24	7.7	0.7 U	8.5	0.7 U	5.3	0.7 U	11 U	0.7 U
103-65-1	N-PROPYLBENZENE	NS	NS	0.98 U	0.98 U	1.1	0.98 U	0.98 U	0.98 U	1.7 U	0.98 U	15 U	0.98 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	0.87 U	5.0	5.9	0.87 U	5.0	0.87 U	1.5 U	0.87 U	13 U	0.87 U
98-06-6	TERT-BUTYLBENZENE	NS	NS	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.9 U	1.1 U	17 U	1.1 U
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	1.4 U	5.7	2.7	2.6	72	2.4	2.4 U	1.4 U	2400	3.6
108-88-3	TOLUENE	NS	NS	0.75 U	24	23	0.75 U	23	0.84	7.5	0.91	11 U	0.87
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	0.79 U	0.79 U	0.79 U	0.79 U	0.72 U	0.79 U	1.4 U	0.79 U	12 U	0.79 U
79-01-6	TRICHLOROETHYLENE (TCE)	NS	2	0.21 U	0.49	0.21 U	0.21 U	6.8	0.21 U	0.37 U	0.21 U	750	0.21 U
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.1 U	7.8	3.5	1.1 U	1.2	1.1 U	2 U	1.2	17 U	1.1 U
75-01-4	VINYL CHLORIDE	NS	NS	0.10 U	0.10	0.1 U	0.1 U	0.1 U	0.1 U	0.18 U	0.10 U	1.6 U	0.1 U
XYLENES	XYLENES, TOTAL	NS	NS	3.0 U	20	23	3 U	20	3 U	5.3 U	3.0 U	46 U	3 U
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS		14 NJ	3.3 NJ	12 NJ	3.7 NJ	7.6 NJ	16 J	25 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.
NS = No Standard
ug/m3 = micrograms per cubic meter
E = Result exceeded calibration Range
J = Analyte was positively identified; the associated numerical value is the approximate concentraion of the analyte in the sample
U = Indicates analyte was analyzed for but not detected
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
NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Bold = Concentration exceeds Standards
Sampling Location AA-1 is the Same as Bank 2
Sampling Location AA-2 is the Same as Cleaner

TABLE 7
Summary of Sub-Slab Vapor and Indoor Air Analytical Results: March 2017
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards ¹		JD Optician		Parking Lot			
Medium		Subsurface Vapors	Indoor Air	Sub-Slab Vapor	Indoor Air	Soil Gas	Soil Gas	Soil Gas	
Laboratory ID				200-37771-15	200-37771-6	200-37771-10	200-37771-8	200-37771-7	
Sample ID				SG-7	JD Optician	SGP-1	SGP-2	SGP-3	
Collection Date				03/10/17	03/09/17	03/09/17	03/09/17	03/09/17	
Units		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	2.7 UJ	1.1 U	17 U	
71-79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	1.4 U	1.4 U	3.4 UJ	1.4 U	22 U	
75-35-4	1,1-DICHLOROETHENE	NS	NS	0.79 U	0.79 U	2.0 UJ	0.79 U	13 U	
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	0.98 U	0.98 U	2.4 UJ	2.6	16 U	
78-87-5	1,2-DICHLOROPROPANE	NS	NS	0.92 U	0.92 U	2.3 UJ	0.92 U	15 U	
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	0.98 U	0.98 U	2.4 UJ	1.0	16 U	
106-99-0	1,3-BUTADIENE	NS	NS	0.44 U	0.44 U	1.1 UJ	0.44 U	7.1 U	
541-73-1	1,3-DICHLOROBENZENE	NS	NS	1.2 U	1.2 U	3.0 UJ	1.4	19 U	
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	0.96	0.93 U	5.5 J	2.8	15 U	
622-96-8	4-ETHYLTOLUENE	NS	NS	0.98 U	0.98 U	2.4 UJ	0.98	16 U	
67-64-1	ACETONE	NS	NS	18	19	29 UJ	110 J	190 U	
71-43-2	BENZENE	NS	NS	0.94	0.64 U	3.3 J	2.5 J	11	
106-97-8	BUTANE	NS	NS	4.7	2.1	17 J	4.1	35	
75-15-0	CARBON DISULFIDE	NS	NS	1.6 U	1.6 U	3.9 UJ	55	25 U	
56-23-5	CARBON TETRACHLORIDE	NS	NS	0.32	0.31	0.62 UJ	0.32 J	4 U	
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	1.8 U	1.8 U	4.4 UJ	1.8 U	28 U	
67-66-3	CHLOROFORM	NS	NS	0.98 U	0.98 U	73 J	87	16 U	
74-87-3	CHLOROMETHANE	NS	NS	1.0 U	1.0 U	2.6 UJ	1.0 U	17 U	
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	NS	0.79 U	0.79 U	2 UJ	0.79 U	13 U	
110-82-7	CYCLOHEXANE	NS	NS	0.69 U	0.69 U	2.8 J	0.73	13	
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	2.5 U	2.5 U	6.1 UJ	2.5 U	40 U	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	1.6 U	1.6 U	3.9 UJ	1.6 U	25 U	
100-41-4	ETHYLBENZENE	NS	NS	0.87 U	0.87 U	2.2 UJ	5.0	14 U	
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	12 U	1500 J	30 UJ	12 U	200 U	
179601-23-1	M,P-XYLENES	NS	NS	2.2	2.2 U	5.4 UJ	17	35 U	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	3.9	1.5 U	4.6 J	21	24 U	
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NS	NS	2 U	2.0 U	5.1 UJ	3.3	33 U	
75-09-2	METHYLENE CHLORIDE	NS	60	1.7 U	1.7 U	4.3 U	3.3	28 U	
91-20-3	NAPHTHALENE	NS	NS	2.6 UJ	2.6 UJ	6.5 UJ	2.6 UJ	42 U	
142-82-5	N-HEPTANE	NS	NS	1.3	0.82 U	3.3 J	6.4	13 U	
110-54-3	N-HEXANE	NS	NS	2.1	0.70 U	13 J	5.1	11 U	
103-65-1	N-PROPYLBENZENE	NS	NS	0.98 U	0.98 U	2.4 UJ	0.98 U	16 U	
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	0.87 U	0.87 U	2.2 UJ	4.8	14 U	
98-06-6	TERT-BUTYLBENZENE	NS	NS	1.1 U	1.1 U	2.7 UJ	1.1 U	18 U	
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	2.0	1.4 U	3.4 UJ	1.4 U	2600	
108-88-3	TOLUENE	NS	NS	3.9	1.2	7.9 J	13	12 U	
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	0.79 U	0.79 U	2 UJ	0.79 U	13 U	
79-01-6	TRICHLOROETHYLENE (TCE)	NS	2	0.21 U	0.21 U	0.74 J	0.21 U	3.4 U	
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	1.2	1.1	2.8 UJ	7.7	18 U	
75-01-4	VINYL CHLORIDE	NS	NS	0.1 U	0.10 U	0.25 UJ	0.14	1.6 U	
XYLENES	XYLENES, TOTAL	NS	NS	3 U	3 U	7.5 UJ	21	49 UJ	
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS	1.4 NJ	7.6 NJ		2.4 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.

NS = No Standard

ug/m3 = micrograms per cubic meter

E = Result exceeded calibration Range

J = Analyte was positively identified; the associated numerical value is the approximate concentraion of the analyte in the sample

U = Indicates analyte was analyzed for but not detected

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.

Bold = Concentration exceeds Standards

Sampling Location AA-1 is the Same as Bank 2

Sampling Location AA-2 is the Same as Cleaner

TABLE 7A
Summary of Sub-Slab Vapor and Indoor Air Analytical Results: February 2018
Former Johnny On the Spot Cleaner
152 10th Avenue, Whitestone, NY

Sample Location		NYSDOH Standards ¹		Bank 1			Bank 2		Cleaner (Lower)		Cleaner-2	Cleaner-3
Medium		Subsurface Vapors	Indoor Air	Sub-Slab Vapor	Sub-Slab Vapor	Indoor Air	Sub-Slab Vapor	Indoor Air	Sub-Slab Vapor	Indoor Air	Indoor Air	Indoor Air
Laboratory ID				200-342355-7	200-42355-6	200-42355-1	200-37771-12	200-42355-2	200-42355-8	200-42355-3	200-42355-4	200-42355-5
Sample ID				SG-6	SG-6A	Bank 1	SG-4	Bank 2	SG-1	Cleaner	Cleaner 2	Cleaner 3
Collection Date				02/21/18	02/21/18	02/21/18	02/21/17	02/21/18	02/21/18	02/21/18	02/21/18	02/21/18
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	11 U	11.0 U	1.1 U	Not Tested. Water being drawn up through tubing into Summa Canister. Sample canceled.	1.1 U	11 U	1.1 U	1.1 U	1.1 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	NS	NS	14 U	14 U	1.4 U		1.4 U	14 U	1.4 U	1.4 U	1.4 U
75-35-4	1,1-DICHLOROETHENE	NS	NS	1.4 U	1.4 U	0.14 U		0.14 U	16	0.14 U	0.14 U	0.14 U
95-63-6	1,2,4-TRIMETHYLBENZENE	NS	NS	78	75	4.3		3.4	36	0.98 U	0.98 U	0.98 U
78-87-5	1,2-DICHLOROPROPANE	NS	NS	9.2 U	9.2 U	0.92 U		0.92 U	9.2 U	0.92 U	0.92 U	0.92 U
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	NS	NS	29	29	1.4		1.1	14	0.98 U	0.98 U	0.98 U
106-99-0	1,3-BUTADIENE	NS	NS	4.4 U	4.4 U	0.44 U		0.44 U	4.4 U	0.44 U	0.44 U	0.44 U
541-73-1	1,3-DICHLOROBENZENE	NS	NS	12 U	12 U	1.2 U		1.2 U	12 U	1.2 U	1.2 U	1.2 U
540-84-1	2,2,4-TRIMETHYLPENTANE	NS	NS	78	76	1.1		1.0	79	1.2	1.1	1.1
622-96-8	4-ETHYLTOLUENE	NS	NS	21	22	1.4		0.97	9.8	0.98 U	0.98 U	0.98 U
67-64-1	ACETONE	NS	NS	120 U	120 U	23		17	120 U	12 U	12 U	12 U
71-43-2	BENZENE	NS	NS	6.4 U	6.4 U	0.78		0.72	6.4 U	0.76	0.73	0.73
106-97-8	BUTANE	NS	NS	18	18	6.1		6.1	26	7.5	6.9	6.8
75-15-0	CARBON DISULFIDE	NS	NS	16 U	16 U	1.6 U		1.6 U	16 U	1.6 U	1.6 U	1.6 U
56-23-5	CARBON TETRACHLORIDE	NS	NS	2.2 U	2.2 U	0.49	0.41	2.2 U	0.44	0.46	0.45	
75-45-6	CHLORODIFLUOROMETHANE (Freon 22)	NS	NS	18 U	18 U	2.8	2.8	18 U	1.8 U	1.8 U	1.8 U	
67-66-3	CHLOROFORM	NS	NS	9.8 U	9.8 U	0.98 U	0.98 U	9.8 U	0.98 U	0.98 U	0.98 U	
74-87-3	CHLOROMETHANE	NS	NS	10 U	10 U	1.5	1.1	10 U	1.1	1.1	1.1	
156-59-2	CIS-1,2-DICHLOROETHYLENE	NS	NS	1.4 U	1.4 U	0.14 U	0.14 U	22	0.14 U	0.14 U	0.14 U	
110-82-7	CYCLOHEXANE	NS	NS	11	9.3	4.0	2.9	18	0.69 U	0.69 U	0.69 U	
75-71-8	DICHLORODIFLUOROMETHANE	NS	NS	48	25 U	12	14	25 U	2.5 U	2.5 U	2.5 U	
540-59-0	DICHLOROETHYLENES (1,2-DCE TOTAL)	NS	NS	16 U	16 U	1.6 U	1.6 U	22	1.6 U	1.6 U	1.6 U	
100-41-4	ETHYLBENZENE	NS	NS	49	51	0.87 U	0.87 U	26	0.87 U	0.87 U	0.87 U	
67-63-0	ISOPROPANOL (ISOPROPYL ALCOHOL)	NS	NS	120 U	25 U	31	22	120 U	12 U	12 U	12 U	
179601-23-1	M,P-XYLENES	NS	NS	150	160	2.2 U	2.2 U	78	2.2 U	2.2 U	2.2 U	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	NS	NS	15 U	15 U	2.0	1.5 U	15 U	1.8	1.5 U	1.5 U	
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NS	NS	20 U	20 U	2.0 U	2.0 U	20 U	2.0 U	2.0 U	2.0 U	
1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	NS	NS	7.2 U	7.2 U	0.72 U	0.72 U	7.2 U	0.72 U	0.72 U	0.72 U	
75-09-2	METHYLENE CHLORIDE	NS	60	17 U	17 U	1.7 U	1.7 U	17 U	1.7 U	1.7 U	1.7 U	
91-20-3	NAPHTHALENE	NS	NS	26 U	26 U	2.6 UJ	2.6 UJ	26 U	2.6 UJ	2.6 UJ	2.6 UJ	
142-82-5	N-HEPTANE	NS	NS	25.0	24	1.2	1.1	31	0.82 U	0.82 U	0.82 U	
110-54-3	N-HEXANE	NS	NS	12	7.7	2.0	1.6	35	0.85	0.87	0.81	
103-65-1	N-PROPYLBENZENE	NS	NS	19	19	0.98 U	0.98 U	9.8 U	0.98 U	0.98 U	0.98 U	
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	NS	NS	86	89	0.87 U	0.87 U	44	0.87 U	0.87 U	0.87 U	
75-65-0	TERT-BUTYL ALCOHOL	NS	NS	150 U	150 U	17	15 U	150 U	15 U	15 U	15 U	
98-06-6	TERT-BUTYLBENZENE	NS	NS	11 U	11 U	1.1 U	1.1 U	11 U	1.1 U	1.1 U	1.1 U	
127-18-4	TETRACHLOROETHYLENE (PCE)	NS	30	86	87	3.7	4.3	75	2.1	6.0	7.0	
108-88-3	TOLUENE	NS	NS	63	64	2.3	2.3	37	2.2	2.1	2.1	
156-60-5	TRANS-1,2-DICHLOROETHENE	NS	NS	7.9 U	7.9 U	0.79 U	0.79 U	7.9 U	0.79 U	0.79 U	0.79 U	
79-01-6	TRICHLOROETHYLENE (TCE)	NS	2	4.6	1.9 U	0.19 U	0.19 U	97	0.19 U	0.19 U	0.19 U	
75-69-4	TRICHLOROFLUOROMETHANE	NS	NS	11 U	11 U	1.5	1.4	11 U	1.2	1.1	1.2	
75-01-4	VINYL CHLORIDE	NS	NS	3.8	0.89 U	0.089 U	0.089 U	78	0.089 U	0.089 U	0.089 U	
XYLENES	XYLENES, TOTAL	NS	NS	240	250	3.0 U	3.0 U	120	3.0 U	3.0 U	3.0 U	
UNKNOWN1	UNKNOWN WITH HIGHEST CONC.	NS	NS	44 NJ	24 NJ	26 NJ	4.1 NJ	24 NJ	1.1 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.
ug/m3 = micrograms per cubic meter
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U = Indicates analyte was analyzed for but not detected
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.
Whitestone Indoor Air and Sub Slab Results-bpb rev 03-20-18.xlsx

NS = No Standard
Bold = Concentration exceeds Standards
Sampling Location AA-1 is the Same as Bank 2
Sampling Location AA-2 is the Same as Cleaner

Page 1 of 1

APPENDIX B

Boring Logs

RECORD OF SUBSURFACE EXPLORATION 6414envlogs.wpd 01/21/04



RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-6

(Page 1 of 1)

Project: Waldbaum's Shopping Center Site		WAI Project No.: WP03-6414	
Location: 152-4510th Avenue; Whitestone, NY		Client: A&P	
Surface Elevation: Not Surveyed	Date Started: 01/07/04	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 12.0 feet bgs	Date Completed: 01/07/04		
Drilling Method: Geoprobe	Logged By: J. Chlappetta	While Drilling: 9.0 ▼	
Test Method: Macro-Core	Contractor: Enviroprobe Service, Inc.	At Completion: ▼	
	Machine: Truck Mounted	24 Hours: NA ▼	

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0		Asphalt/Subbase			0.0
		Gray Sandy Silt	0.0		
			22.1		
			37.5		
			98.1		
			89.7		
5.0			40.2		5.0
			55.7		
		Gray Coarse to Medium Sand	200		
			225		
			185		
			98.2		
10.0			76.1		10.0
			56.3		
		Silty Clay	22.1		
		Boring B-6 Terminated at a Depth of 12.0 Feet Below Ground Surface			
15.0					15.0
20.0					20.0
25.0					25.0

NOTES: NE = Not Encountered, NA = Not Applicable

RECORD OF SUBSURFACE EXPLORATION 6414envlogs.wpd 01/21/04

RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-13

(Page 1 of 1)

Project: Waldbaum's Shopping Center Site		WAI Project No.: WP03-6414	
Location: 152-45 10 th Avenue, Whitestone, NY		Client: A&P	
Surface Elevation: Not Surveyed	Date Started: 02/02/04	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 24.0 feet bgs	Date Completed: 02/03/04		
Drilling Method: Geoprobe	Logged By: J. Chiappetta	While Drilling: 12.0 ▼	
Test Method: Macro-Core	Contractor: Enviroprobe Service, Inc.	At Completion: 12.0 ▼	
	Machine: Truck Mounted	24 Hours: NA ▼	

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0		Asphalt/Subbase			0.0
		Gray Silty Clay	0.0		
			0.0		
			0.0		
			0.0		
			0.0		
5.0			0.0		5.0
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
10.0		Gray Silty Sand	0.0		10.0
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
15.0		Gray Medium to Coarse Sand	0.0		15.0
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
20.0			0.0		20.0
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
25.0		Boring B-13 Terminated at a Depth of 24.0 Feet Below Ground Surface Sample 6414-B13 Collected at 11.0 to 11.5 fbs Water Sample Shallow Screen at 11.0 to 16.0 fbs, Water Sample Deep Screen at 20.0 to 24.0 fbs			25.0

NOTES: NE = Not Encountered, NA = Not Applicable

RECORD OF SUBSURFACE EXPLORATION 6414envlogs12-17.wpd 02/03/04



RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-14

(Page 1 of 1)

Project: Waldbaum's Shopping Center Site		WAI Project No.: WP03-6414	
Location: 152-45 10 th Avenue; Whitestone, NY		Client: A&P	
Surface Elevation: Not Surveyed	Date Started: 02/02/04	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 16.0 feet bgs	Date Completed: 02/02/04		
Drilling Method: Geoprobe	Logged By: J. Chiappetta	While Drilling: 12.0 ▼	
Test Method: Macro-Core	Contractor: Enviroprobe Service, Inc.	At Completion: ▼	
	Machine: Truck Mounted	24 Hours: NA ▼	

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0		Asphalt/Subbase			0.0
		Gray Silty Clay	0.0		
			0.0		
			0.0		
			0.0		
			0.0		
5.0			0.0		5.0
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
10.0			0.0		10.0
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
			0.0		
15.0			0.0		15.0
			0.0		
		Boring B-14 Terminated at a Depth of 16.0 Feet Below Ground Surface			
		Sample 6414-B14 Collected at 11.0 to 11.5 fbs			
		Water Sample Screen at 11.0 to 16.0 fbs			
20.0					20.0
25.0					25.0

NOTES: NE = Not Encountered, NA = Not Applicable

RECORD OF SUBSURFACE EXPLORATION 6414envlogs 12-17.wpd 02/05/04



RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-15

(Page 2 of 2)

Project: Waldbaum's Shopping Center Site		WAI Project No.: WP03-6414	
Location: 152-45 10 th Avenue; Whitestone, NY		Client: A&P	
Surface Elevation: Not Surveyed	Date Started: 02/02/04	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 28.0 feet bgs	Date Completed: 02/03/04		
Drilling Method: Geoprobe	Logged By: J. Chiappetta	While Drilling: 12.0	▽
Test Method: Macro-Core	Contractor: Enviroprobe Service, Inc.	At Completion: 12.0	▽
	Machine: Truck Mounted	24 Hours: NA	▽

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
25.0		Continued from Page 1	0.0		25.0
			0.0		
			0.0		
30.0		Boring B-15 Terminated at a Depth of 28.0 Feet Below Ground Surface Sample 6414-B15 Collected at 11.0 to 11.5 fbs Water Sample Shallow Screen at 11.0 to 16.0 fbs Water Sample Deep Screen at 24.0 to 28.0 fbs			30.0
35.0					35.0
40.0					40.0
45.0					45.0
50.0					50.0

NOTES: NE = Not Encountered, NA = Not Applicable

RECORD OF SUBSURFACE EXPLORATION 6414envlogs12-17.wpd 02/03/04



RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-16

(Page 1 of 2)

Project: Waldbaum's Shopping Center Site		WAI Project No.: WP03-6414	
Location: 152-45 10th Avenue; Whitestone, NY		Client: A&P	
Surface Elevation: Not Surveyed	Date Started: 02/02/04	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 28.0 feet bgs	Date Completed: 02/03/04		
Drilling Method: Geoprobe	Logged By: J. Chiappetta	While Drilling:	12.0 ▼
Test Method: Macro-Core	Contractor: Enviroprobe Service, Inc.	At Completion:	12.0 ▼
	Machine: Truck Mounted	24 Hours:	NA ▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0		Asphalt/Subbase			0.0
		Gray Silty Clay	0.0		
			0.0		
			0.0		
			0.0		
5.0		Petroleum Odor	0.0		5.0
			0.0		
			0.0		
			0.0		
		Grayish Silty Clay	0.0		
			0.0		
10.0			0.0		10.0
			0.0		
			0.0		
			0.0		
		Grayish Medium to Coarse Sand	0.0		
15.0			0.0		15.0
			0.0		
			0.0		
			0.0		
			0.0		
20.0			0.0		20.0
			0.0		
			0.0		
			0.0		
			0.0		
25.0			0.0		25.0

RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-16

(Page 2 of 2)

Project: Waldbaum's Shopping Center Site		WAI Project No.: WP03-6414	
Location: 152-45 10 th Avenue; Whitestone, NY		Client: A&P	
Surface Elevation: Not Surveyed	Date Started: 02/02/04	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 28.0 feet bgs	Date Completed: 02/03/04		
Drilling Method: Geoprobe	Logged By: J. Chiappetta		
Test Method: Macro-Core	Contractor: Enviroprobe Service, Inc.		
	Machine: Truck Mounted	While Drilling: 12.0	▼
		At Completion: 12.0	▼
		24 Hours: NA	▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
25.0		Continued from Page 1	0.0		25.0
			0.0		
			0.0		
30.0		Boring B-16 Terminated at a Depth of 28.0 Feet Below Ground Surface Sample 6414-B16 Collected at 11.0 to 11.5 fbgs Water Sample Shallow Screen at 11.0 to 16.0 fbgs Water Sample Deep Screen at 24.0 to 28.0 fbgs			30.0
35.0					35.0
40.0					40.0
45.0					45.0
50.0					50.0

NOTES: NE = Not Encountered, NA = Not Applicable

RECORD OF SUBSURFACE EXPLORATION 6414envlogs12-17.wpd 02/05/04



RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-17

(Page 1 of 1)

Project: Waldbaum's Shopping Center Site		WAI Project No.: WP03-6414	
Location: 152-45 10 th Avenue; Whitestone, NY		Client: A&P	
Surface Elevation: Not Surveyed	Date Started: 02/02/04	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 16.0 feet bgs	Date Completed: 02/02/04		
Drilling Method: Geoprobe	Logged By: J. Chiappetta		
Test Method: Macro-Core	Contractor: Enviroprobe Service, Inc.		
	Machine: Truck Mounted	While Drilling: 12.0	▼
		At Completion: 12.0	▼
		24 Hours: NA	▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0		Asphalt/Subbase			0.0
		Gray Silty Clay	0.0		
			0.0		
			0.0		
			0.0		
5.0			0.0		5.0
			0.0		
			0.0		
		Gray Silty Sand	0.0		
			0.0		
10.0			0.0		10.0
			0.0		
			0.0		
		Gray Medium to Coarse Sand	0.0		
			0.0		
15.0			0.0		15.0
			0.0		
		Boring B-17 Terminated at a Depth of 16.0 Feet Below Ground Surface			
		Sample 6414-B17 Collected at 11.0 to 11.5 fbs			
		Water Sample Screen at 11.0 to 16.0 fbs			
20.0					20.0
25.0					25.0

NOTES: NB = Not Encountered, NA = Not Applicable

RECORD OF SUBSURFACE EXPLORATION 6414envlogs12-17 wpd 02/05/04

[illegible]





RECORD OF SUBSURFACE EXPLORATION

Boring No.: B-20

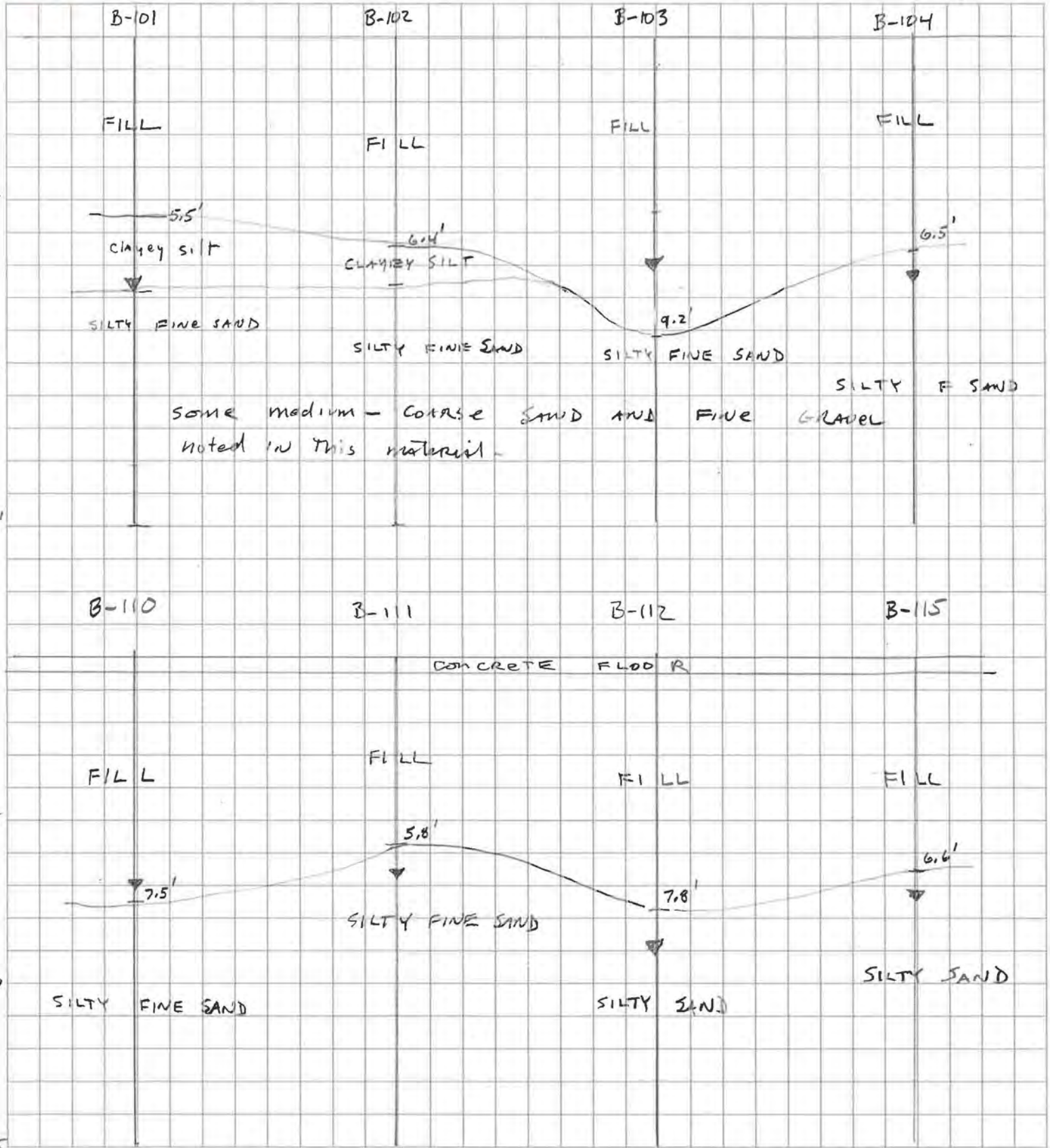
(Page 1 of 1)

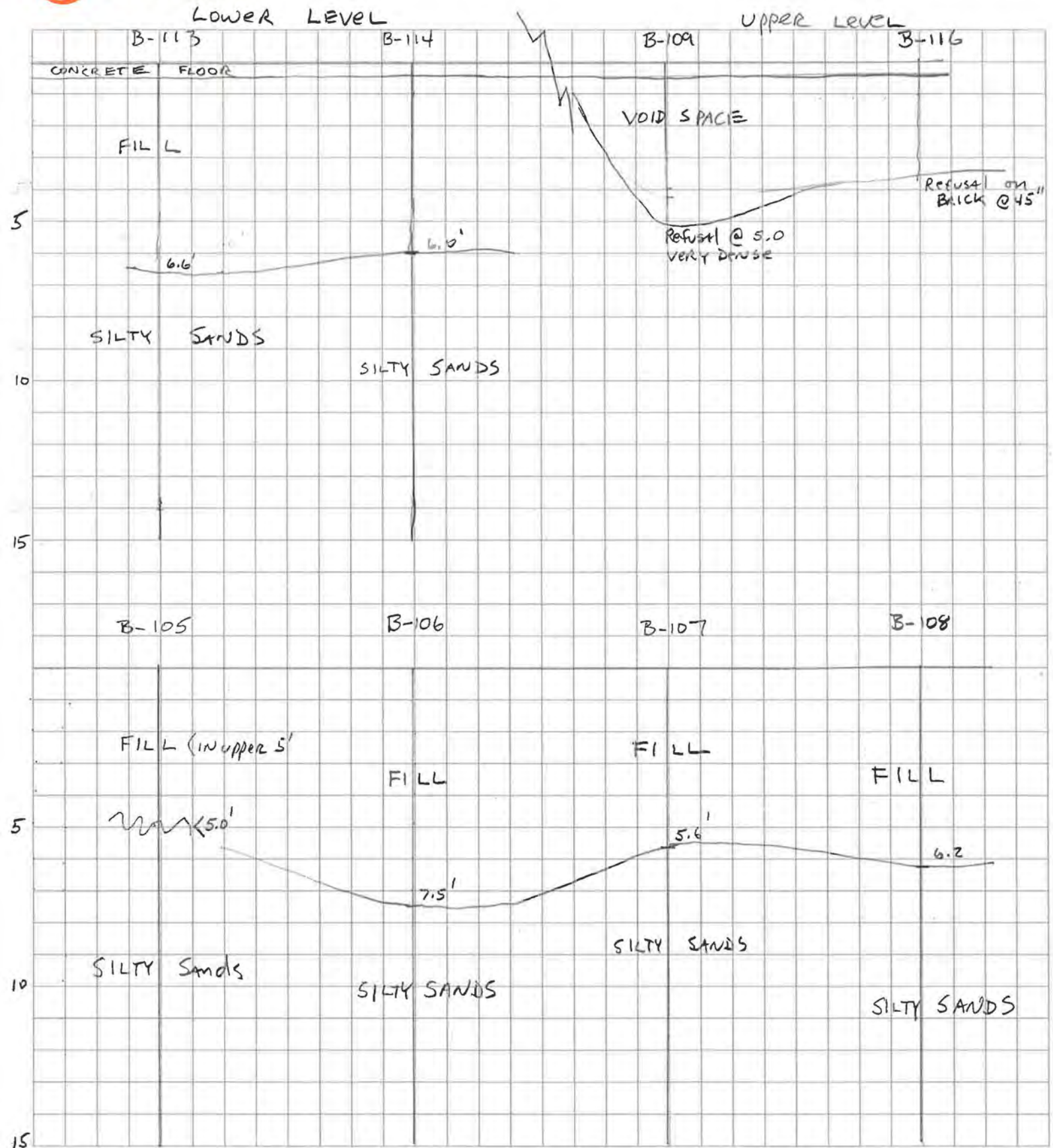
Project: Waldbaum's Shopping Center Site/ Former Johnny On The Spot Dry Cleaners		WAI Project No.: EJ0810611.000	
Location: 152-45 to 153-01 10 th Avenue, Whitestone, NY		Client: A&P	
Surface Elevation: NS	Date Started: 9/11/08	Water Depths / Elevations (feet / feet-msl)	
Termination Depth: 10.0 feet bgs	Date Completed: 9/11/08		
Drilling Method: Hollow-Stem Auger	Logged By: D. Kapson	While Drilling: 5.0	▼
Test Method: Split Spoon	Contractor: Tri-State Drilling, Inc.	At Completion: 4.23	▼
	Machine: IR-T2W	24 Hours: NA	▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0	P	6" Asphalt and Subbase			0.0
	Sand/ Silt	Dark Grayish-Brown Fine to Medium Sand, Some Silt and Subrounded Gravel Cobbles, Dense	0.0		
			0.0	18	
			0.0		
			0.0	22	
5.0			0.0		5.0
			0.0	22	
	Sand	Gray Fine to Medium Sand, Some Silt, Trace Fine to Medium Gravel	0.0		
			0.0	18	
			0.0		
10.0		Boring B-20 Terminated at a Depth of 10 Feet Below Ground Surface	0.0	20	10.0
15.0					15.0
20.0					20.0
25.0					25.0

NOTES: NE = Not Encountered, NA = Not Applicable, NS = Not Surveyed, PID = Photoionization Detector

RECORD OF SUBSURFACE EXPLORATION LogsB18-B20.wpd 02/05/04







BOREHOLE LOG

B-7

CLIENT Feil Whitestone, LLC

NORTHING _____

PROJECT No. 191711695LOCATION Former Johnny on the Spot Cleaners, Whitestone, Queens, NYEXPLORATION No. B-7EXPLORATION DATE 6/7/2022 to 6/7/2022

GROUND EL. _____

WATER LEVEL 2.5 Approximate Depth

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES					SPT N(60) VALUE	Undrained Shear Strength - tsf																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1				2				3				4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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BOREHOLE LOG

B-9

CLIENT Feil Whitestone, LLC

NORTHING _____

PROJECT No. 191711695LOCATION Former Johnny on the Spot Cleaners, Whitestone, Queens, NYEXPLORATION No. B-9EXPLORATION DATE 6/7/2022 to 6/7/2022

GROUND EL. _____

WATER LEVEL 3

DATUM _____

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES					SPT N(60) VALUE	Undrained Shear Strength - tsf									
					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1 2 3 4 Water Content & Atterberg Limits W_p W W_L Dynamic Penetration Test, blows/foot ★ Standard Penetration Test, blows/foot ● 10 20 30 40 50 60 70 80 90									
0		Dense, brown, fine to coarse SAND and GRAVEL, trace silt and cobbles						in.												
					PUSH	1	60			4.9										
5		Wet, brown/dark brown fine to medium SAND and SILT, thin layer of gravel at 6'																		
					PUSH	2	60			7.9										
10		Wet, grey to brown medium to coarse SAND, trace silt and gravel																		
					PUSH	3	60			3.5										
15		Wet, brown, fine to medium SAND, trace coarse sand, trace silt																		
					PUSH	4	60			12										
20																				
Driller: ADT/Chris; Supervisor: Jason Ward											△ Unconfined Compression Test □ Field Vane Test ■ Remolded ✕ Pocket Penetrometer / Torvane									



BOREHOLE LOG

B-110

CLIENT **Feil Whitestone, LLC**

NORTHING

PROJECT No. **191711695**LOCATION **Former Johnny on the Spot Cleaners, Whitestone, Queens, NY**EXPLORATION No. **B-110**EXPLORATION DATE **6/7/2022 to 6/7/2022**

GROUND EL. '

WATER LEVEL **3.5 Approximate Depth**

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES					SPT N(60) VALUE	Undrained Shear Strength - tsf									
					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1	2	3	4						
											Water Content & Atterberg Limits	W _p	W	W _L						
											Dynamic Penetration Test, blows/foot ★									
											Standard Penetration Test, blows/foot ●									
0		Damp, grey, fine to medium SAND and SILT, trace coarse sand and gravel					in.				10	20	30	40	50	60	70	80	90	
				▽	PUSH	1	60			7.3										
5		Wet, brown/tan fine to medium SAND and SILT with dark brown/black silty seams. Trace coarse sand and gravel																		
					PUSH	2	60			21.5										
10		Wet, brown, medium to coarse SAND, trace fine sand and silt																		
					PUSH	3	60			0.4										
15		Wet, dark brown fine to medium SAND, trace silt and coarse sand																		
					PUSH	4	60			0.6										
20	Driller: ADT/Chris; Supervisor: Jason Ward																			
											△ Unconfined Compression Test									
											□ Field Vane Test ■ Remolded									
											✕ Pocket Penetrometer / Torvane									

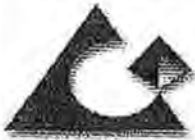


BOREHOLE LOG

B-114

CLIENT Feil Whitestone, LLC NORTHING _____ PROJECT No. 191711695
LOCATION Former Johnny on the Spot Cleaners, Whitestone, Queens, NY EXPLORATION No. B-114
EXPLORATION DATE 6/8/2022 to 6/8/2022 GROUND EL. _____ WATER LEVEL _____ DATUM _____

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES					SPT N(60) VALUE	Undrained Shear Strength - tsf								
					TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value		1	2	3	4					
0		Concrete						in.			Water Content & Atterberg Limits Dynamic Penetration Test, blows/foot ★ Standard Penetration Test, blows/foot ●								
		Bown, dense fine to medium SAND and SILT. Refusal at 4.9'			PUSH	1	58				10	20	30	40	50	60	70	80	90
5																			
10																			
15																			
20																			
Driller: ADT/Chris and John; Supervisor: Jason Ward											△ Unconfined Compression Test □ Field Vane Test ■ Remolded ✕ Pocket Penetrometer / Torvane								



Whitestone Associates, Inc.
 35 Technology Drive, Warren, NJ 07059
 Phone: (908) 668-7777 Fax: (908) 754-5936

Job #:
 EJ0810611.000

Well #:
 MW-1S

Start Date:
 09/10/08

Site: Waldbaum's Shopping Center Site/Former
 Johnny On The Spot Dry Cleaners

Well Permit #: NA

Completion Date: 09/11/08

Geologist: Dustin Kapson

Drilling Co.: Tri-State Drilling, Inc.

Driller/Helper: Paul Recchia

Drill Rig: IR-T2W

Drilling Method: Hollow Stem Auger

Type of Bit: Auger

WELL LOCATION SKETCH (N.T.S)

Sampler Type: Split Spoon

Solid Riser: 0.0' - 2.0'

G.W. Encountered: 6.5'

G.W. Stabilized: 3.65'

Well Depth: 17.0'

Screen Interval/Screen Type: 2.0' - 17.0'

Depth to Rim:

Borehole Diameter: 8"

Well Diameter: 2"

Grout: 0.0' - 1.5'

Sand Pack/Open Borehole: 1.5' - 17.0'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/ID/QUA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
1		0.0			P	6" Asphalt and Subbase	1	
2		0.0		20	Sand/Silt	Grayish Brown Fine to Medium Sand, Some Silt, Little Gravel Cobbles, Dense	2	
3		0.0					3	
4		0.0		18			4	
5		0.0					5	
6		0.0		22	Sand	Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel	6	
7		0.0					7	
8		0.0		20			8	
9		0.0					9	
10		0.0		22	Silt	Gray Silt, Trace Fine to Medium Sand and Fine Gravel	10	
11		0.0					11	
12		0.0		24			12	
13		0.0					13	
14		0.0		22			14	
15		0.0			Sand	Gray Coarse to Fine Sand, Little Silt, Trace Medium to Fine Gravel	15	
16		0.0		22			16	
17		0.0					17	
18						Total Depth of Well 17.0' Below Ground Surface	18	
19						Groundwater Encountered at 6.5'	19	
20							20	
21							21	
22							22	
23							23	
24							24	
25							25	



Whitestone Associates, Inc.
35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax: (908) 754-5936

Job #:
EJ0810611.000

Well #:
MW-1D

Start Date:
09/10/08

Site: Waldbaum's Shopping Center Site/Former
Johnny On The Spot Dry Cleaners

Well Permit #: NA

Completion Date: 09/11/08

Geologist: Dustin Kapson

Drilling Co.: Tri-State Drilling, Inc.

Driller/Helper: Paul Recchia

Drill Rig: IR-T2W

Drilling Method: Hollow Stem Auger

Type of Bit: Auger

Sampler Type: Split Spoon

WELL LOCATION SKETCH (N.T.S)

Solid Riser: 0.0' - 30.0'

G.W. Encountered: 6.0'

G.W. Stabilized: 6.17'

Well Depth: 35.0'

Screen Interval/Screen Type: 30.0' - 35.0'

Depth to Rim:

Borehole Diameter: 8"

Well Diameter: 2"

Grout: 0.0' - 28'

Sand Pack/Open Borehole: 28' - 40'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/FID/QUA (METER UNITS)	BLOWS/60	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
1		0.0			P	6" Asphalt and Subbase	1	
2		0.0		18	Sand/Silt	Grayish Brown Fine to Medium Sand, Some Silt, Little Fine to Medium Gravel, Dense	2	
3		0.0					3	
4		0.0		20			4	
5		0.0					5	
6		0.0		22			6	
7		0.0				Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel, Very Moist	7	
8		0.0		20			8	
9		0.0					9	
10		0.0		16			10	
11		0.0			Silt	Gray Silt, Trace Medium to Fine Sand and Fine Gravel	11	
12		0.0		18			12	
13		0.0					13	
14		0.0		20			14	
15		0.0					15	
16		0.0		20			16	
17		0.0			Sand	Gray Coarse to Fine Sand, Little Silt, Trace Medium to Fine Gravel	17	
18		0.0		16			18	
19		0.0					19	
20		0.0		17			20	
21		0.0					21	
22		0.0		18			22	
23		0.0					23	
24		0.0		24			24	
25		26.0				Dark Brown Fine to Medium Sand, Little Silt, Trace Medium to Fine Gravel	25	

Flush mount manhole, locking cap

Grout 0' - 28'

30' Solid Riser of 2" PVC

Sand Pack from 28' - 40'



Whitestone Associates, Inc.

35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax: (908) 754-5936

Job #:
EJ0810611.000
Well #:
MW-1D
Start Date:
09/10/08

Site: Waldbaum's Shopping Center Site/Former
Johnny On The Spot Dry Cleaners

Well Permit #: NA

Completion Date: 09/11/08

Geologist: Dustin Kapson

Drilling Co.: Tri-State Drilling, Inc.

Driller/Helper: Paul Recchia

Drill Rig: IR-T2W

Drilling Method: Hollow Stem Auger

Type of Bit: Auger

WELL LOCATION SKETCH (N.T.S)

Sampler Type: Split Spoon

Solid Riser: 0.0' - 30.0'

G.W. Encountered: 6.0'

G.W. Stabilized: 6.17'

Well Depth: 35.0'

Screen Interval/Screen Type: 30.0' - 35.0'

Depth to Rim:

Borehole Diameter: 8"

Well Diameter: 2"

Grout: 0.0' - 28'

Sand Pack/Open Borehole: 28' - 40'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/ID/OLA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
25		27.5			Sand	Dark Brown Fine to Medium Sand, Little Silt, Trace Medium to Fine Gravel	25	30' Solid Riser of 2" PVC Sand Pack from 28' - 40' 5' Screen from 30' - 35' 5' 0.020 Slot 2" PVC Screen
26		0.0		22			26	
27		0.0					27	
28		0.0		22			28	
29		0.0					29	
30		0.0		24		Dark Brown Coarse to Fine Sand, Little Silt, Sewer Odor	30	
31		0.0					31	
32		0.0		22			32	
33		0.0					33	
34		0.0		22			34	
35		0.0				Brown Coarse to Fine Sand, Little Medium Gravel, Trace Silt and Quartz Cobbles	35	
36		0.0		18			36	
37		0.0					37	
38		0.0		20			38	
39		0.0					39	
40		0.0		22	Clay	Gray Clay, Trace Fine Gravel	40	
41						Total Depth of Well 35.0' Below Ground Surface (Boring to 40') Groundwater Encountered at 6.0'	41	
42							42	
43							43	
44							44	
45							45	



Whitestone Associates, Inc.

35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax: (908) 754-5936

Job #:
EJ0810611.000
Well #:
MW-2S
Start Date:
09/10/08

Site: Waldbaum's Shopping Center Site/Former
Johnny On The Spot Dry Cleaners

Well Permit #: NA
Completion Date: 09/11/08

Geologist: Dustin Kapson

Drilling Co.: Tri-State Drilling, Inc.

Driller/Helper: Paul Recchia

Drill Rig: IR-T2W

Drilling Method: Hollow Stem Auger

Type of Bit: Auger

Sampler Type: Split Spoon

WELL LOCATION SKETCH (N.T.S)

G.W. Encountered: 6.0'

G.W. Stabilized: 5.19'

Well Depth: 19.0'

Solid Riser: 0.0' - 4.0'

Screen Interval/Screen Type: 4.0' - 19.0'

Depth to Rim:

Borehole Diameter: 8"

Well Diameter: 2"

Grout: 0.0' - 3.0'

Sand Pack/Open Borehole: 3.0' - 19.0'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/ID/QUA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
1		0.0			P	6" Asphalt and Subbase	1	
2		0.0		18	Sand/Silt	Grayish Brown Coarse to Fine Sand, Little Silt, Little Fine to Medium Gravel	2	
3		0.0					3	
4		0.0		16			4	
5		0.0					5	
6		0.0		22		Wet @ 6.0	6	
7		0.0					7	
8		0.0		24	Sand	Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel	8	
9		0.0					9	
10		0.0		24			10	
11		0.0					11	
12		0.0		22			12	
13		0.0			Silt	Gray Silt, Trace Fine to Medium Sand, Trace Fine to Medium Gravel	13	
14		0.0		20			14	
15		0.0					15	
16		0.0		18			16	
17		0.0					17	
18		0.0		20		Brownish Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel	18	
19							19	
20						Total Depth of Well 19.0' Below Ground Surface Groundwater Encountered at 6.0'	20	
21							21	
22							22	
23							23	
24							24	
25							25	



Whitestone Associates, Inc.
35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax: (908) 754-5936

Job #:
EJ0810611.000

Well #:
MW-2D

Start Date:
09/10/08

Site: Waldbaum's Shopping Center Site/Former
Johnny On The Spot Dry Cleaners

Well Permit #: NA

Completion Date: 09/11/08

Geologist: Dustin Kapson

Drilling Co.: Tri-State Drilling, Inc.

Driller/Helper: Paul Recchia

Drill Rig: IR-T2W

Drilling Method: Hollow Stem Auger

Type of Bit: Auger

WELL LOCATION SKETCH (N.T.S)

Sampler Type: Split Spoon

Solid Riser: 0.0' - 30'

G.W. Encountered: 6.0'

G.W. Stabilized: 5.65'

Well Depth: 35.0'

Screen Interval/Screen Type: 30.0' - 35.0'

Depth to Rim:

Borehole Diameter: 8"

Well Diameter: 2"

Grout: 0.0' - 28'

Sand Pack/Open Borehole: 28' - 40'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/FID/QUA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
1		0.0			P	6" Asphalt and Subbase	1	
2		0.0		22	Sand/Silt	Grayish Brown Coarse to Fine Sand, Little Silt, Little Fine to Medium Gravel	2	
3		0.0					3	
4		0.0		24			4	
5		0.0					5	
6		0.0		20		Wet @ 6.0	6	
7		0.0					7	
8		0.0		18		Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel	8	
9		0.0					9	
10		0.0		22			10	
11		0.0					11	
12		0.0		24		Gray Silt, Trace Fine to Medium Sand, Trace Fine to Medium Gravel	12	
13		0.0					13	
14		0.0		18			14	
15		0.0					15	
16		0.0		20			16	
17		0.0					17	
18		0.0		18		Brownish Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel	18	
19		0.0					19	
20		0.0		24		Gray Fine to Medium Sand, Little Silt, Trace Fine Gravel	20	
21		0.0					21	
22		0.0		22			22	
23		0.0					23	
24		0.0		24			24	
25		0.0					25	

Flush mount
manhole,
locking cap

Grout 0' - 28'

30' Solid Riser
of 2" PVC

Sand Pack
from 28' - 40'



Well #:
MW-2D

Start Date:
09/10/08

Site: Waldbaum's Shopping Center Site/Former Johnny On The Spot Dry Cleaners

Well Permit #: NA

Completion Date:	09/11/08
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Geologist: Dustin Kapson

Drilling Co.: Tri-State Drilling, Inc.

Driller/Helper: Paul Recchia

Drill Rig: IR-T2W

Drilling Method: Hollow Stem Auger

Type of Bit: Auger

Sampler Type: Split Spoon

Solid Riser: 0.0' - 30'

G.W. Encountered: 6.0'

G.W. Stabilized:	5.65'
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Well Depth:	35.0'
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Screen Interval/Screen Type:	30.0' - 35.0'
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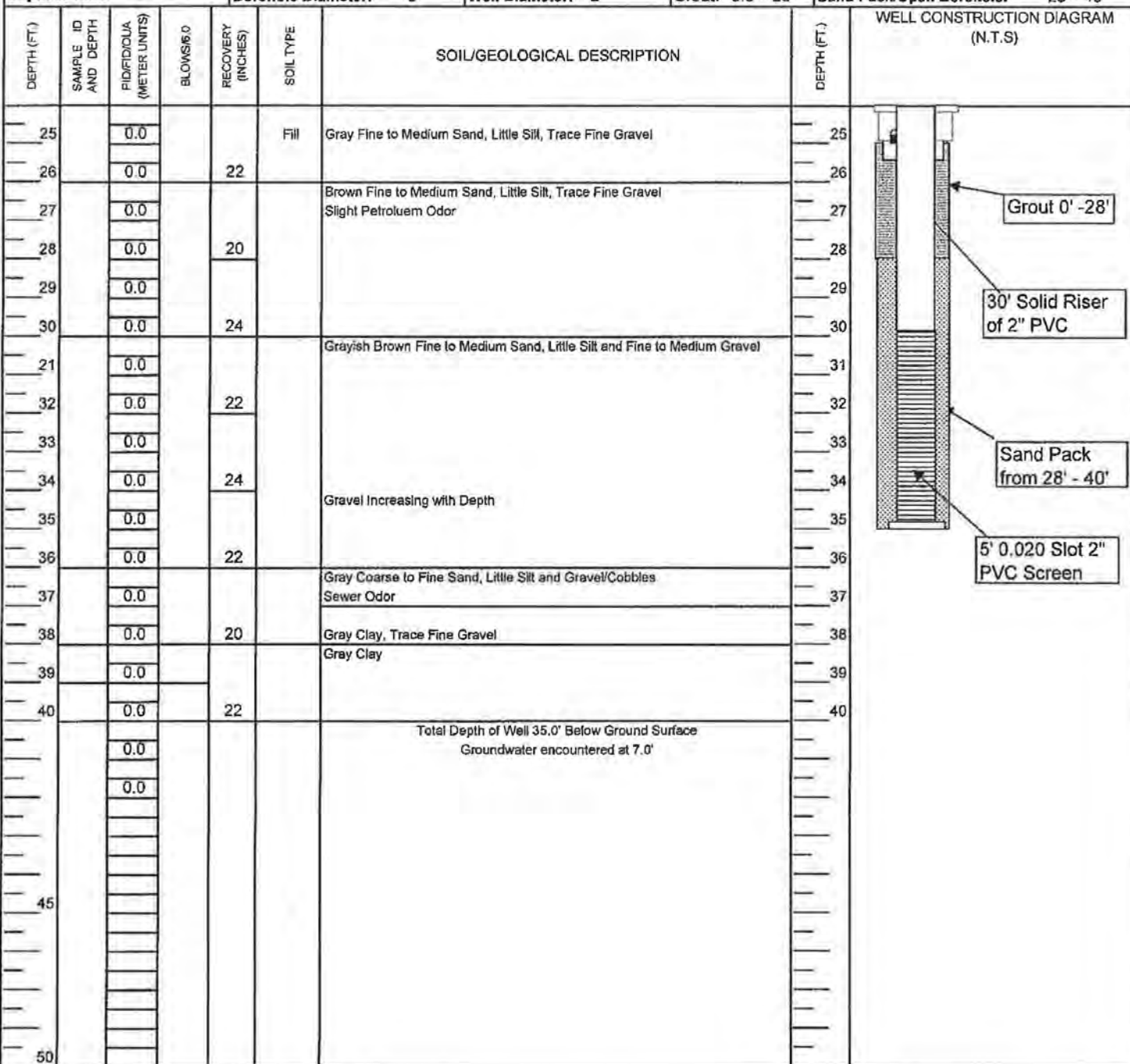
Depth to Rim:

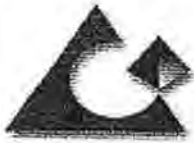
Borehole Diameter:

Well Diameter: 2"

Grout: 0.0' - 28'

Sand Pack/Open Borehole:	28' - 40'
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Whitestone Associates, Inc.
 35 Technology Drive, Warren, NJ 07059
 Phone: (908) 668-7777 Fax: (908) 754-5936

Job #:
 EJ0810611.000

Well #:
 MW-3S

Start Date:
 10/02/08

Site: Waldbaum's Shopping Center Site/Former
 Johnny On The Spot Dry Cleaners

Well Permit #: NA

Completion Date: 10/02/08

Geologist: Dustin Kapson

Drilling Co.: Tri-State Drilling, Inc.

Driller/Helper: Paul Recchia

Drill Rig: IR-T2W

Drilling Method: Hollow Stem Auger

Type of Bit: Auger

Sampler Type: Split Spoon

WELL LOCATION SKETCH (N.T.S)

Solid Riser: 0.0' - 2.0'

G.W. Encountered: 4.0'

G.W. Stabilized: 2.89'

Well Depth: 17.0'

Screen Interval/Screen Type: 2.0' - 17.0'

Depth to Rim:

Borehole Diameter: 8"

Well Diameter: 2"

Grout: 0.0' - 1.5'

Sand Pack/Open Borehole: 1.5' - 17.0'

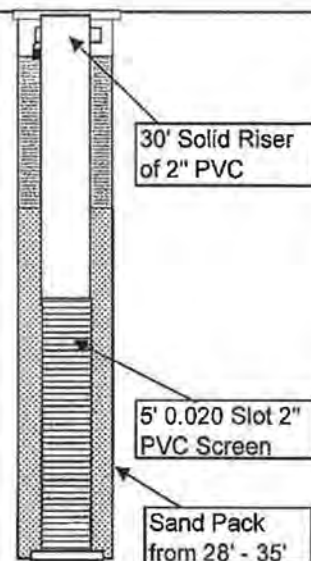
DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/ID/QUA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
1		0.0			P	6" Asphalt and Subbase	1	
2		0.0		20	Sand/Silt	Dark Brown Coarse to Fine Sand, Little Silt and 3/4" Rounded Gravel	2	
3		0.0					3	
4		0.0		24			4	
5		0.0				Wet @ 4.0'	5	
6		0.0		22			6	
7		0.0			Sand	Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel	7	
8		0.0		18			8	
9		0.0					9	
10		0.0		24			10	
11		0.0			Silt	Gray Silt, Trace Medium to Fine Sand, Trace Fine Gravel	11	
12		0.0		20			12	
13		0.0					13	
14		0.0		22			14	
15		0.0			Sand	Gray Fine to Medium Sand, Some Silt, Little Fine to Medium Gravel	15	
16		0.0		18			16	
17		0.0				Gravel increasing with Depth	17	
18						Total Depth of Well 17.0' Below Ground Surface	18	
19						Groundwater Encountered at 4.0"	19	
20							20	
21							21	
22							22	
23							23	
24							24	
25							25	

**Whitestone Associates, Inc.**35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax: (908) 754-5936**Job #:**
EJ0810611.000**Well #:**
MW-3D**Start Date:**
10/02/08**Site:** Waldbaum's Shopping Center Site/Former
Johnny On The Spot Dry Cleaners**Well Permit #:** NA**Completion Date:** 10/02/08**Geologist:** Dustin Kapson**Drilling Co.:** Tri-State Drilling, Inc.**Driller/Helper:** Paul Recchia**Drill Rig:** IR-T2W**Drilling Method:** Hollow Stem Auger**Type of Bit:** Auger**WELL LOCATION SKETCH (N.T.S)****Sampler Type:** Split Spoon**Solid Riser:** 0.0' - 3.0'**G.W. Encountered:** 4.5'**G.W. Stabilized:** 6.04'**Well Depth:** 35.0'**Screen Interval/Screen Type:** 30.0' - 35.0'**Depth to Rim:****Borehole Diameter:** 8"**Well Diameter:** 2"**Grout:** 0.0' - 28' **Sand Pack/Open Borehole:** 28' - 35.0'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PIDFID/OUA (METER UNITS)	BLOWS/60	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
1		0.0			P	6" Asphalt and Subbase	1	
2		0.0		20	Sand/Silt	Dark Brown Coarse to Fine Sand, Little Silt and 3/4" Rounded Gravel	2	
3		0.0					3	
4		0.0		24			4	
5		0.0				Wet @ 4.0'	5	
6		0.0		22			6	
7		0.0			Sand	Gray Fine to Medium Sand, Some Silt, Trace Fine Gravel	7	
8		0.0		18			8	
9		0.0					9	
10		0.0		24			10	
11		0.0			Silt	Gray Silt, Trace Medium to Fine Sand, Trace Fine Gravel	11	
12		0.0		20			12	
13		0.0					13	
14		0.0		22			14	
15		0.0			Sand	Gray Fine to Medium Sand, Some Silt, Little Fine to Medium Gravel	15	
16		0.0		18			16	
17		0.0				Gravel Increasing with Depth	17	
18		0.0		20			18	
19							19	
20				22			20	
21							21	
22				18			22	
23							23	
24				20			24	
25							25	

**Whitestone Associates, Inc.**35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax: (908) 754-5936**Job #:**
EJ0810611.000
Well #:
MW-3D
Start Date:
10/02/08**Site:** Waldbaum's Shopping Center Site/Former
Johnny On The Spot Dry Cleaners**Well Permit #:** NA**Completion Date:** 10/02/08**Geologist:** Dustin Kapson**Drilling Co.:** Tri-State Drilling, Inc.**Driller/Helper:** Paul Recchia**Drill Rig:** IR-T2W**Drilling Method:** Hollow Stem Auger**Type of Bit:** Auger**Sampler Type:** Split Spoon**WELL LOCATION SKETCH (N.T.S)****Solid Riser:** 0.0' - 3.0'**G.W. Encountered:** 4.5'**G.W. Stabilized:** 6.04'**Well Depth:** 35.0'**Screen Interval/Screen Type:** 30.0' - 35.0'**Depth to Rim:****Borehole Diameter:** 8"**Well Diameter:** 2"**Grout:** 0.0' - 28'**Sand Pack/Open Borehole:** 28' - 35.0'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/ID/QUA (METER UNITS)	BLOWS/0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION	DEPTH (FT.)	WELL CONSTRUCTION DIAGRAM (N.T.S)
25		0.0			Sand	Gray Fine Sand, Some Silt, Little Fine to Medium Gravel	25	
26		0.0		20			26	
27		0.0					27	
28		0.0		24			28	
29		0.0					29	
30		0.0		22			30	
31		0.0				Brown Coarse to Fine Sand, Little Firm Gravel and Cobbles, Trace Silt	31	
32		0.0		18			32	
33		0.0					33	
34		0.0		20			34	
35		0.0					35	
		0.0				Total depth of well 35.0' Below Ground Surface	36	
		0.0				Groundwater Encountered at 4.5'	37	
		0.0					38	
		0.0					39	
40		0.0					40	
		0.0					17	
		0.0					18	
							19	
							20	
45							21	
							22	
							23	
							24	
							25	



**Stantec****MONITORING WELL LOG****MW-101D**CLIENT Feil Whitestone LLCPROJECT No. 191711695LOCATION 152-153 10th Avenue, Whitestone, NYBOREHOLE No. MW-101DDATES: BORING 6/18/2013 to 6/18/2013WATER LEVEL 14

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Concrete						in.		0.3
		Grey fine to coarse SAND, some silt, trace gravel. Moist. (fill)				PUSH 1	32			0.3
										0.2
										0.2
5		Brown fine to coarse SAND, little gravel, trace silt. Moist. (fill)				PUSH 2	60			1.7
										2.3
										5.8
		Clay								0.7
10						PUSH 3	60			0.6
										1.8
										1.6
										2.2
15		Grey fine to medium SAND, little gravel, trace clay.				PUSH 4	60			0.8
										0.7
										0.1
										0.2
										0.2
20		Grey fine to coarse SAND, some gravel, little clay.				PUSH 5	60			0.3
										0.3
										0.1
										0.1
										0.4
25						PUSH 6	60			0.8
										1.9
										4.2
										3.0
30		Brown fine to coarse SAND, trace gravel, trace silt.				PUSH 7	60			2.8
										2.0
										2.6
										0.1
										0.3
										0.4
						PUSH 8	60			0.2
										0.3
										2.7
40										0.7
										0.3
						PUSH 9	60			0.4
										0.6
										0.8
45		Clay				PUSH10	60			1.6
										4.2
										5.8
50										7.7
										14.6
										7.0

Driller: ADT; Stantec Field Representative: Sam Burke

Continued Next Page

**Stantec****MONITORING WELL LOG****MW-101D**CLIENT Feil Whitestone LLCPROJECT No. 191711695LOCATION 152-153 10th Avenue, Whitestone, NYBOREHOLE No. MW-101DDATES: BORING 6/18/2013 to 6/18/2013WATER LEVEL 14

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
55								is.		1.8
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										

Driller: ADT; Stantec Field Representative: Sam Burke



MONITORING WELL LOG

MW-101S

CLIENT Feil Whitestone LLC

PROJECT No. 191711695

LOCATION 152-153 10th Avenue, Whitestone, NY

BOREHOLE No. MW-101S

DATE: BORING 6/18/2013 to 6/18/2013

WATER LEVEL 13

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Concrete						5		
		Grey fine to coarse SAND, some silt, trace gravel. Moist. (fill)				PUSH 1	32			0.3 0.3 0.2 0.2
5		Brown fine to coarse SAND, little gravel, trace silt. Moist. (fill)				PUSH 2	60			1.7 2.3 5.8 0.7 0.6
		Clay				PUSH 3	60			1.8 1.6 2.2 0.8 0.7
15		Grey fine to medium SAND, little gravel, trace clay.				PUSH 4	60			0.1 0.2 0.2 0.3 0.3
20										

Driller: ADT; Stantec Field Representative: Sam Burke

**Stantec****MONITORING WELL LOG****MW-102D**CLIENT Feil Whitestone LLCPROJECT No. 191711695LOCATION 152-153 10th Avenue, Whitestone, NYBOREHOLE No. MW-102DDATES: BORING 6/19/2013 to 6/19/2017WATER LEVEL 16

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Concrete						in.		
		Brown fine to coarse SAND, some silt, little gravel. Moist/wet				PUSH 1	24			0.1
5		Grey-brown fine to coarse SAND, little silt, trace gravel, trace clay. Moist				PUSH 2	60			0.2
										0.1
10		Grey-brown fine to coarse SAND, little silt, trace gravel, trace clay. Moist				PUSH 3	60			0.1
										0.3
15		Grey-brown fine to coarse SAND, little silt, trace gravel, trace clay. Wet at 16'				PUSH 4	60			0.1
										0.2
20		Grey-brown fine to coarse SAND, trace silt				PUSH 5	60			0.3
										0.7
25		Grey-brown fine to coarse SAND, trace silt				PUSH 6	60			0.9
										0.6
30		Grey-brown fine to coarse SAND, trace silt				PUSH 7	60			0.3
										0.2
35		Red fine to coarse SAND, little silt, trace gravel				PUSH 8	60			0.1
										0.1
40		Clay				PUSH 9	60			0.1
		Red fine to coarse SAND, little silt, trace gravel								0.3
45		Red fine to coarse SAND, little silt, trace gravel				PUSH 10	60			0.3
										0.2
50		Red fine to coarse SAND, little silt, trace gravel				PUSH 11	60			0.2
										0.1
55										0.1
										0.4
60										0.1

Driller: ADT; Stantec Field Representative: Sam Burke

Continued Next Page

**Stantec****MONITORING WELL LOG****MW-102D**CLIENT Feil Whitestone LLCPROJECT No. 191711695LOCATION 152-153 10th Avenue, Whitestone, NYBOREHOLE No. MW-102DDATES: BORING 6/19/2013 to 6/19/2017WATER LEVEL 16

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
65										0.0
70										0.1
75										0.1
80										0.1
85										0.1
90										
95										
100										
105										
110										
115										
120										

Driller: ADT; Stantec Field Representative: Sam Burke

**Stantec****MONITORING WELL LOG****MW-102S**CLIENT **Feil Whitestone LLC**PROJECT No. **191711695**LOCATION **152-153 10th Avenue, Whitestone, NY**BOREHOLE No. **MW-102S**DATES: BORING **6/19/2013 to 6/19/2013**WATER LEVEL **7**

DATUM

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Concrete						in.		
		Brown fine to coarse SAND, some silt, little gravel. Moist/wet								
						PUSH 1	24			0.1 0.2
5		Grey-brown fine to coarse SAND, little silt, trace gravel, trace clay. Moist								0.1 0.1 0.3 0.1 0.2
						PUSH 2	60			
10		Grey-brown fine to coarse SAND, little silt, trace gravel, trace clay. Moist								0.3 0.5 0.7 0.9 0.6
						PUSH 3	60			
15		Grey-brown fine to coarse SAND, little silt, trace gravel, trace clay. Wet at 16'								0.3 0.2 0.1 0.1 0.1
						PUSH 4	60			
20		Grey-brown fine to coarse SAND, trace silt								0.3 0.3 0.7
						PUSH 5	60			

Driller: ADT; Stantec Field Representative: Sam Burke

Continued Next Page

CLIENT Feil Whitestone LLC

PROJECT No. 191711695

LOCATION 152-153 10th Avenue, Whitestone, NY

BOREHOLE No. MW-102S

DATE: BORING 6/19/2013 to 6/19/2013

WATER LEVEL 7

DATUM

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
25										
30										
35										
40										
45										

Driller: ADT; Stantec Field Representative: Sam Burke

**MW-103D**

PROJECT No. 191711695

BOREHOLE No. MW-103DWATER LEVEL 13

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Asphalt						in.		
		Grey fine to coarse SAND, some silt, trace gravel. Moist.				PUSH 1	34			0.3 0.4 0.3
5		Grey fine to coarse SAND, some clay, little silt. Moist				PUSH 2	60			0.3 0.4 0.4 0.4 0.4
10		Grey fine to coarse SAND, some silt, trace gravel. Moist. Wet @ 13'				PUSH 3	60			0.4 1.8 1.4 0.7 0.3
15		Grey fine to coarse SAND, some silt, trace gravel.				PUSH 4	60			4.5 6.6 3.0 1.8 1.8
20		Grey fine to coarse SAND, trace silt, trace gravel.				PUSH 5	60			0.8 0.6 0.4 0.4 0.6
25		Grey fine to coarse SAND, trace silt.				PUSH 6	60			4.7 3.5 1.1 3.0 2.6
30		Grey fine to coarse SAND, trace silt.				PUSH 7	60			0.3 0.3 0.3 0.3 0.3
35		Grey fine to coarse SAND, trace silt.				PUSH 8	60			
40		Clay								

Driller: ADT; Stantec Field Representative: Sam Burke

**Stantec****MONITORING WELL LOG****MW-201D**CLIENT Feil Whitestone LLCPROJECT No. 191711695LOCATION 152-153 10th Avenue, Whitestone, NYBOREHOLE No. MW-201DDATES: BORING 9/13/2017 to 9/13/2017WATER LEVEL 13

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Concrete						in.		
		Fill. Dark grey fine to coarse SAND, trace silt, trace fine gravel				PUSH 1				
5										
		Dark grey fine to coarse SAND, clayey silt, trace fine gravel				PUSH 2				
10		Grey silty fine SAND				PUSH 3				
15		Grey silty fine SAND, some medium sand				PUSH 4				
20		Fine brown SAND, some medium sand, trace silt				PUSH 5				
25		Dense fine grey-brown SAND, some silt stringers				PUSH 6				
30		Fine brown SAND, trace fine gravel				PUSH 7				
35		Fine brown SAND, trace fine gravel				PUSH 8				
		Orange-brown silty, gravelly SAND								
40		Grey CLAY			Sand added to 39' below ground surface					
Driller: ADT; Stantec Field Representative: Bruce Blaine										



MONITORING WELL LOG

MW-201S

CLIENT Feil Whitestone LLC

PROJECT No. 191711695

LOCATION 152-153 10th Avenue, Whitestone, NY

BOREHOLE No. MW-201S

DATE: BORING 9/13/2017 to 9/13/2017

WATER LEVEL 13

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Concrete						in		
		Fill: Dark grey fine to coarse SAND, trace silt, trace fine gravel				PUSH 1				
5										
		Dark grey fine to coarse SAND, clayey silt, trace fine gravel				PUSH 2				
10		Grey silty fine SAND				PUSH 3				
15		Grey silty fine SAND, some medium sand				PUSH 4				
20										

Driller: ADT; Stantec Field Representative: Bruce Blaine



BORING LOG

B-113/MW-113

CLIENT Feil Whitestone, LLCPROJECT No. 191711695LOCATION Former Johnny on the Spot Cleaners Whitestone, Queens, NYBOREHOLE No. B-113/MW-113DATES: BORING 6/8/2022 to 6/8/2022WATER LEVEL 3 Approximate Depth

DATUM _____

DEPTH (ft)	ELEVATION (ft)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	WELL CONSTRUCTION	SAMPLES				VOC CONCENTRATION (ppm or % LEL)
						TYPE	NUMBER	RECOVERY	N-VALUE OR RQD	
0		Damp grey/brown, fine to medium SAND and SILT, trace coarse sand and gravel						in.		
						SAND 1	60			1.7
5		Damp grey/brown, fine to medium SAND and SILT, trace coarse sand and gravel. Seam of medium sand at 7'				PUSH 2	60			0.9
10		Wet fine to medium SAND, trace gravel				PUSH 3	60			1.1
15		Wet fine to medium SAND, trace gravel				PUSH 4	60			
20										

Driller: ADT/Chris and John; Stantec Field Representative: Jason Ward

APPENDIX C

DUSR and Laboratory Report – September 2017 Soils

Stantec Analytical Validation DUSR**Report No. 021518-EC-01**

Project Name: Whitestone	Project Number: 191711695		
Stantec Validator: Elizabeth Crowley	Laboratory: Test America – Test America – Edison, NJ		
Date Validated: 02/13/18	Laboratory Project Number: 460-140792-1		
Sample Start-End Date: 09/11/17	Laboratory Report Date: 09/24/17		
Parameters Validated: Volatile Organic Compounds (VOC) by EPA SW 846 8260C			
Associated Chain(s) of Custody – 274567			
Samples Validated – 10 soil field samples and 1 Trip Blank			
VALIDATION CRITERIA CHECK			
Validation Flags Applicable to this Review:			
U	The analyte was analyzed for, but not detected above the reported sample quantitation limit.		
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.		
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.		
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.		
B	The analyte was detected in the method, field and/or trip blank.		
1.	Were all the analyses requested for the samples submitted with each COC completed by the lab?	Yes X	No
Comments:			
2.	Did the laboratory identify any non-conformances related to the analytical result?	Yes X	No
Comments: Case narrative reports matrix issues, dilutions and minor analytical problems.			
3.	Were sample Chain-of-Custody forms complete?	Yes X	No
Comments:			
4.	Were samples received in good condition and at the appropriate temperature?	Yes X	No
Comments:			
5.	Were sample holding times met?	Yes X	No
Comments:			
6.	Were correct concentration units reported?	Yes X	No
Comments:			
7.	Were detections found in laboratory blank samples?	Yes X	No

Comments: Prep Batch 462404 – Methylene Chloride = 0.00025 mg/kg. Sample results below the blank concentration are validated to non-detect and flagged “UJB”. Sample results greater than the blank concentration are flagged “JB”. The detection limit changed to the blank concentration. Sample results greater than 10 times the blank concentration require no qualifying action. Reason Code – MB		
8. Were detections found in field blank, equipment rinse blank, and/or trip blank samples?	Yes X	No
Comments: Trip Blank – Acetone = 3.3 µg/L. Sample results below the blank concentration are validated to non-detect and flagged “UJB”. Sample results greater than the blank concentration are flagged “JB”. The detection limit changed to the blank concentration. Sample results greater than 10 times the blank concentration require no qualifying action. Reason Code – TB		
9. Were instrument calibrations within method criteria?	Yes	No X
Comments: Analytical Batch 462654 – Continuing calibration %D above ±limit for 2-Butanone (27%) and Chloroethane (21%). Associated sample results flagged “UJ”. Reason Code – CCAL		
10. Were surrogate recoveries within control limits?	Yes X	No
Comments:		
11. Were laboratory control sample recoveries within control limits?	Yes X	No
Comments:		
12. Were matrix spike recoveries within control limits?	Yes	No
NA		
Comments: No matrix sample data reported.		
13. Were RPDs within control limits?	Yes X	No
Comments:		
14. Were dilutions required on any samples?	Yes X	No
Comment: Dilution required due to target analyte concentration. No qualifying action is required.		
15. Were Tentatively Identified Compounds (TIC) present?	Yes X	No
Comments: Sample results below the reporting limit do not possess the degree of qualitative or quantitative confidence required. The value may be a false positive and is an estimated value and is flagged “NJ”. Reason Code – SQL		
16. Were organic system performance criteria met?	Yes X	No
Comments:		
17. Were GC/MS internal standards within method criteria?	Yes	No

X			
Comments:			
18. Were inorganic system performance criteria met?	NA	Yes	No
Comments: No inorganic analyses requested.			
19. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.		Yes	No
			X
Duplicate Sample No.	Primary Sample No.		
Comments:			
20. Were at least 10 percent of the hard copy results compared to the Electronic Data Deliverable Results?	Yes	No	Initials
	X		EAC
Comments:			
21. Other: Questionable Chromatograms		Yes	No
		X	
Comments: The analyte chromatogram is questionable and has additional/missing peaks and/or the ion absorbance ratios are out of limits for Methylene Chloride for B-104(7.0'), B-103(13.6'), B-102(6.5') and B-101(14.5'). Associated results flagged "J". Reason Code – ID			
PRECISION, ACCURACY, METHOD COMPLIANCE AND COMPLETENESS ASSESSMENT			
Precision:	Acceptable X	Unacceptable	Initials EAC
Comments: Data usable as flagged.			
Accuracy:	Acceptable X	Unacceptable	Initials EAC
Comments: Data usable as flagged.			
Method Compliance:	Acceptable X	Unacceptable	Initials EAC
Comments: Data usable as flagged.			
Completeness:	Acceptable X	Unacceptable	Initials EAC
Comments: Greater than 90%, no data rejected			

Stantec Analytical Validation DUSR**Report No. 021518-EC-02**

Project Name: Whitestone	Project Number: 191711695		
Stantec Validator: Elizabeth Crowley	Laboratory: Test America – Test America – Edison, NJ		
Date Validated: 02/14/18	Laboratory Project Number: 460-140863-1		
Sample Start-End Date: 09/12/17	Laboratory Report Date: 09/21/17		
Parameters Validated: Volatile Organic Compounds (VOC) by EPA SW 846 8260C			
Associated Chain(s) of Custody – no numbers			
Samples Validated – 19 soil field samples			
VALIDATION CRITERIA CHECK			
Validation Flags Applicable to this Review:			
U	The analyte was analyzed for, but not detected above the reported sample quantitation limit.		
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.		
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.		
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.		
B	The analyte was detected in the method, field and/or trip blank.		
1.	Were all the analyses requested for the samples submitted with each COC completed by the lab?	Yes X	No
Comments:			
2.	Did the laboratory identify any non-conformances related to the analytical result?	Yes X	No
Comments: Case narrative reports matrix issues, dilutions and minor analytical problems.			
3.	Were sample Chain-of-Custody forms complete?	Yes X	No
Comments:			
4.	Were samples received in good condition and at the appropriate temperature?	Yes X	No
Comments:			
5.	Were sample holding times met?	Yes X	No
Comments:			
6.	Were correct concentration units reported?	Yes X	No
Comments:			
7.	Were detections found in laboratory blank samples?	Yes X	No

Comments: Prep Batch 462684 – Methylene Chloride = 0.00017 mg/kg and m&p-Xylene = 0.000229 mg/kg. Sample results below the blank concentration are validated to non-detect and flagged “UJB”. Sample results greater than the blank concentration are flagged “JB”. The detection limit changed to the blank concentration. Sample results greater than 10 times the blank concentration require no qualifying action. Reason Code – MB		
8. Were detections found in field blank, equipment rinse blank, and/or trip blank samples?	NA	Yes No
Comments: No blank sample submitted.		
9. Were instrument calibrations within method criteria?		Yes No X
Comments: Analytical batch 462919 – Continuing calibration %D above ± 20 limit for Carbon Disulfide (26%), cis-1,3-Dichloropropane (26%) and trans-1,3-Dichloropropane (24%). Analytical batch 462944 – Continuing calibration %D above ± 20 limit for Bromoform (32%), Carbon Disulfide (26%) and Dichlorodifluoromethane (29%). Analytical batch 462978 – Continuing calibration %D above ± 20 limit for 1,2-Dibromo-3-chloropropane (20.4%). Analytical batch 463159 – Continuing calibration %D above ± 20 limit for Trifluorochloromethane (22%). Analytical batch 463160 – Continuing calibration %D above ± 20 limit for 2-Hexanone (22%). Analytical batch 463758 – Continuing calibration %D above ± 20 limit for Bromomethane (25%). Analytical batch 463829 – Continuing calibration %D above ± 20 limit for Trichlorotrifluoroethane (22%) and Cyclohexane (20.2%). Associated sample results flagged “UJ”. Reason Code – CCAL		
10. Were surrogate recoveries within control limits?		Yes X No
Comments:		
11. Were laboratory control sample recoveries within control limits?		Yes X No
Comments:		
12. Were matrix spike recoveries within control limits?	NA	Yes No
Comments: No matrix sample data reported.		
13. Were RPDs within control limits?		Yes X No
Comments:		
14. Were dilutions required on any samples?		Yes No

X			
Comment: Dilution required due to target analyte concentration. No qualifying action is required.			
15. Were Tentatively Identified Compounds (TIC) present?	Yes	No	
	X		
Comments: Sample results below the reporting limit do not possess the degree of qualitative or quantitative confidence required. The value may be a false positive and is an estimated value and is flagged "NJ".			
Reason Code – SQL			
16. Were organic system performance criteria met?	Yes	No	
	X		
Comments:			
17. Were GC/MS internal standards within method criteria?	Yes	No	
	X		
Comments:			
18. Were inorganic system performance criteria met?	NA	Yes	No
Comments: No inorganic analyses requested.			
19. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.	Yes	No	
		X	
Duplicate Sample No.	Primary Sample No.		
Comments:			
20. Were at least 10 percent of the hard copy results compared to the Electronic Data Deliverable Results?	Yes	No	Initials
	X		EAC
Comments:			
21. Other: Questionable Chromatograms	Yes	No	
		X	
Comments:			
PRECISION, ACCURACY, METHOD COMPLIANCE AND COMPLETENESS ASSESSMENT			
Precision:	Acceptable	Unacceptable	Initials EAC
	X		
Comments: Data usable as flagged.			
Accuracy:	Acceptable	Unacceptable	Initials EAC
	X		
Comments: Data usable as flagged.			
Method Compliance:	Acceptable	Unacceptable	Initials EAC
	X		
Comments: Data usable as flagged.			

Completeness:	Acceptable X	Unacceptable	Initials EAC
Comments: Greater than 90%, no data rejected			

TABLE 1
SUMMARY OF SEPTEMBER 2017 SOIL QUALITY DATA: WITH DATA VALIDATION
FORMER JOHNNY-ON-THE-SPOT CLEANERS
WHITESTONE, NY

#sys_sample_code	lab_anl_method_name	analysis_date	lab_matrix_code	dilution_factor	lab_sample_id	cas_rn	chemical_name	result_value	result_type_code	lab_qualifiers	validator_qualifiers	reason_code	method_detection_limit	reporting_detection_limit	detection_limit_unit
B-101(7.6')-20170911	SW8260C	09/14/2017 03:52:00	SO	1	460-140792-8	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00064	0.0012	mg/kg
B-101(7.6')-20170911	SW8260C	09/14/2017 03:52:00	SO	1	460-140792-8	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		TRG	U	UJ	CCAL	0.0014	0.0061	mg/kg
B-101(14.5')-20170911	SW8260C	09/14/2017 04:15:00	SO	1	460-140792-9	67-64-1	ACETONE	0.0043	TRG	J	NJB	TB,SQL	0.0033	0.0044	mg/kg
B-101(14.5')-20170911	SW8260C	09/14/2017 04:15:00	SO	1	460-140792-9	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00046	0.00087	mg/kg
B-101(14.5')-20170911	SW8260C	09/14/2017 04:15:00	SO	1	460-140792-9	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		TRG	U	UJ	CCAL	0.00097	0.0044	mg/kg
B-101(14.5')-20170911	SW8260C	09/14/2017 04:15:00	SO	1	460-140792-9	75-09-2	METHYLENE CHLORIDE	0.00028	TRG	BJ	NJB	ID,MB,SQL	0.00025	0.00087	mg/kg
B-102(6.5')-20170911	SW8260C	09/14/2017 03:04:00	SO	1	460-140792-6	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00066	0.0013	mg/kg
B-102(6.5')-20170911	SW8260C	09/14/2017 03:04:00	SO	1	460-140792-6	179601-23-1	M,P-XYLENES	0.00030	TRG	J	NJ	SQL	0.00022	0.0013	mg/kg
B-102(6.5')-20170911	SW8260C	09/14/2017 03:04:00	SO	1	460-140792-6	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		TRG	U	UJ	CCAL	0.0014	0.0063	mg/kg
B-102(6.5')-20170911	SW8260C	09/14/2017 03:04:00	SO	1	460-140792-6	75-09-2	METHYLENE CHLORIDE	0.00034	TRG	BJ	NJB	ID,MB,SQL	0.00025	0.0013	mg/kg
B-102(6.5')-20170911	SW8260C	09/14/2017 03:04:00	SO	1	460-140792-6	127-18-4	TETRACHLOROETHYLENE(PCE)	0.00023	TRG	J	NJ	SQL	0.00018	0.0013	mg/kg
B-102(6.5')-20170911	SW8260C	09/14/2017 03:04:00	SO	1	460-140792-6	79-01-6	TRICHLOROETHYLENE (TCE)	0.00036	TRG	J	NJ	SQL	0.00018	0.0013	mg/kg
B-102(13.6')-20170911	SW8260C	09/14/2017 03:28:00	SO	1	460-140792-7	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00043	0.00082	mg/kg
B-102(13.6')-20170911	SW8260C	09/14/2017 03:28:00	SO	1	460-140792-7	75-09-2	METHYLENE CHLORIDE		TRG	BJ	UJB	MB	0.00025	0.00082	mg/kg
B-102(13.6')-20170911	SW8260C	09/14/2017 03:28:00	SO	1	460-140792-7	127-18-4	TETRACHLOROETHYLENE(PCE)	0.00024	TRG	J	NJ	SQL	0.00012	0.00082	mg/kg
B-102(13.6')-20170911	SW8260C	09/14/2017 03:28:00	SO	1	460-140792-7	79-01-6	TRICHLOROETHYLENE (TCE)	0.00057	TRG	J	NJ	SQL	0.00012	0.00082	mg/kg
B-102(13.6')-20170911	SW8260C	09/14/2017 03:28:00	SO	1	460-140792-7	75-01-4	VINYL CHLORIDE	0.00054	TRG	J	NJ	SQL	0.00045	0.00082	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	67-64-1	ACETONE	0.017	TRG		JB	TB	0.0033	0.0041	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	75-15-0	CARBON DISULFIDE	0.00036	TRG	J	NJ	SQL	0.00022	0.00081	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00042	0.00081	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	179601-23-1	M,P-XYLENES	0.00022	TRG	J	NJ	SQL	0.00014	0.00081	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.0019	TRG	J	NJ	CCAL,SQL	0.00090	0.0041	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	75-09-2	METHYLENE CHLORIDE		TRG	BJ	UJB	MB	0.00025	0.00081	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.00011	TRG	J	NJ	SQL	0.000077	0.00081	mg/kg
B-103(7.5')-20170911	SW8260C	09/14/2017 02:17:00	SO	1	460-140792-4	127-18-4	TETRACHLOROETHYLENE(PCE)	0.00024	TRG	J	NJ	SQL	0.00012	0.00081	mg/kg
B-103(13.6')-20170911	SW8260C	09/14/2017 02:40:00	SO	1	460-140792-5	75-15-0	CARBON DISULFIDE	0.00057	TRG	J	NJ	SQL	0.00026	0.00098	mg/kg
B-103(13.6')-20170911	SW8260C	09/14/2017 02:40:00	SO	1	460-140792-5	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00051	0.00098	mg/kg
B-103(13.6')-20170911	SW8260C	09/14/2017 02:40:00	SO	1	460-140792-5	179601-23-1	M,P-XYLENES	0.00032	TRG	J	NJ	SQL	0.00017	0.00098	mg/kg
B-103(13.6')-20170911	SW8260C	09/14/2017 02:40:00	SO	1	460-140792-5	75-09-2	METHYLENE CHLORIDE	0.00026	TRG	BJ	NJB	ID,MB,SQL	0.00025	0.00098	mg/kg
B-103(13.6')-20170911	SW8260C	09/14/2017 02:40:00	SO	1	460-140792-5	156-60-5	TRANS-1,2-DICHLOROETHENE	0.00032	TRG	J	NJ	SQL	0.00024	0.00098	mg/kg
B-103(13.6')-20170911	SW8260C	09/14/2017 02:40:00	SO	1	460-140792-5	79-01-6	TRICHLOROETHYLENE (TCE)	0.00053	TRG	J	NJ	SQL	0.00014	0.00098	mg/kg
B-104(7.0')-20170911	SW8260C	09/14/2017 01:29:00	SO	1	460-140792-2	67-64-1	ACETONE	0.011	TRG		JB	TB	0.0038	0.0050	mg/kg
B-104(7.0')-20170911	SW8260C	09/14/2017 01:29:00	SO	1	460-140792-2	75-15-0	CARBON DISULFIDE	0.00039	TRG	J	NJ	SQL	0.00027	0.0010	mg/kg
B-104(7.0')-20170911	SW8260C	09/14/2017 01:29:00	SO	1	460-140792-2	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00052	0.0010	mg/kg
B-104(7.0')-20170911	SW8260C	09/14/2017 01:29:00	SO	1	460-140792-2	179601-23-1	M,P-XYLENES	0.00028	TRG	J	NJ	SQL	0.00017	0.0010	mg/kg
B-104(7.0')-20170911	SW8260C	09/14/2017 01:29:00	SO	1	460-140792-2	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.0025	TRG	J	NJ	CCAL,SQL	0.0011	0.0050	mg/kg
B-104(7.0')-20170911	SW8260C	09/14/2017 01:29:00	SO	1	460-140792-2	75-09-2	METHYLENE CHLORIDE	0.00035	TRG	BJ	NJB	ID,MB,SQL	0.00016	0.0010	mg/kg
B-104(7.0')-20170911	SW8260C	09/14/2017 01:29:00	SO	1	460-140792-2	95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.00012	TRG	J	NJ	SQL	0.000095	0.0010	mg/kg

TABLE 1
SUMMARY OF SEPTEMBER 2017 SOIL QUALITY DATA: WITH DATA VALIDATION
FORMER JOHNNY-ON-THE-SPOT CLEANERS
WHITESTONE, NY

#sys_sample_code	lab_anl_method_name	analysis_date	lab_matrix_code	dilution_factor	lab_sample_id	cas_rn	chemical_name	result_value	result_type_code	lab_qualifiers	validator_qualifiers	reason_code	method_detection_limit	reporting_detection_limit	detection_limit_unit
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	67-64-1	ACETONE	0.0059	TRG		JB	TB	0.0036	0.0047	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	75-15-0	CARBON DISULFIDE	0.00026	TRG	J	NJ	SQL	0.00025	0.00094	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	75-00-3	CHLOROETHANE		TRG	U	UJ	CCAL	0.00049	0.00094	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	179601-23-1	M,P-XYLENES	0.00046	TRG	J	NJ	SQL	0.00016	0.00094	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)		TRG	U	UJ	CCAL	0.0010	0.0047	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	75-09-2	METHYLENE CHLORIDE		TRG	BJ	UJB	MB	0.00025	0.00094	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.00022	TRG	J	NJ	SQL	0.000090	0.00094	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	156-60-5	TRANS-1,2-DICHLOROETHENE	0.00059	TRG	J	NJ	SQL	0.00023	0.00094	mg/kg
B-104(14.3')-20170911	SW8260C	09/14/2017 01:53:00	SO	1	460-140792-3	75-01-4	VINYL CHLORIDE	0.00056	TRG	J	NJ	SQL	0.00051	0.00094	mg/kg
B-105 (5.5')-20170912	SW8260C	09/15/2017 23:36:00	SO	1	460-140863-12	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00044	0.00096	mg/kg
B-105 (5.5')-20170912	SW8260C	09/15/2017 23:36:00	SO	1	460-140863-12	179601-23-1	M,P-XYLENES	0.00024	TRG	J	NJ	SQL	0.00017	0.00096	mg/kg
B-105 (5.5')-20170912	SW8260C	09/15/2017 23:36:00	SO	1	460-140863-12	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.0020	TRG	J	NJ	SQL	0.0011	0.0048	mg/kg
B-105 (13.5')-20170912	SW8260C	09/15/2017 12:27:00	SO	1	460-140863-13	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00039	0.00084	mg/kg
B-105 (13.5')-20170912	SW8260C	09/15/2017 12:27:00	SO	1	460-140863-13	179601-23-1	M,P-XYLENES		TRG	BJ	UJB	MB	0.00023	0.00084	mg/kg
B-105 (13.5')-20170912	SW8260C	09/15/2017 12:27:00	SO	1	460-140863-13	79-01-6	TRICHLOROETHYLENE (TCE)	0.00012	TRG	J	NJ	SQL	0.00012	0.00084	mg/kg
B-106 (5.5')-20170912	SW8260C	09/15/2017 12:51:00	SO	1	460-140863-14	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00046	0.0010	mg/kg
B-106 (5.5')-20170912	SW8260C	09/15/2017 12:51:00	SO	1	460-140863-14	100-41-4	ETHYLBENZENE	0.00042	TRG	J	NJ	SQL	0.00020	0.0010	mg/kg
B-106 (5.5')-20170912	SW8260C	09/15/2017 12:51:00	SO	1	460-140863-14	179601-23-1	M,P-XYLENES	0.0016	TRG	B	JB	MB	0.00023	0.0010	mg/kg
B-106 (5.5')-20170912	SW8260C	09/15/2017 12:51:00	SO	1	460-140863-14	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.0019	TRG	J	NJ	SQL	0.0011	0.0050	mg/kg
B-106 (5.5')-20170912	SW8260C	09/15/2017 12:51:00	SO	1	460-140863-14	108-87-2	METHYLCYCLOHEXANE	0.00061	TRG	J	NJ	SQL	0.00016	0.0010	mg/kg
B-106 (14.5')-20170912	SW8260C	09/15/2017 13:16:00	SO	1	460-140863-15	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00062	0.0013	mg/kg
B-106 (14.5')-20170912	SW8260C	09/15/2017 13:16:00	SO	1	460-140863-15	179601-23-1	M,P-XYLENES	0.00037	TRG	BJ	NJB	MB,SQL	0.00023	0.0013	mg/kg
B-107 (6.5')-20170912	SW8260C	09/15/2017 13:41:00	SO	1	460-140863-16	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00041	0.00090	mg/kg
B-107 (6.5')-20170912	SW8260C	09/15/2017 13:41:00	SO	1	460-140863-16	179601-23-1	M,P-XYLENES		TRG	BJ	UJB	MB	0.00023	0.00090	mg/kg
B-107 (12.5')-20170912	SW8260C	09/15/2017 22:48:00	SO	1	460-140863-17	156-59-2	CIS-1,2-DICHLOROETHYLENE	0.00030	TRG	J	NJ	SQL	0.00013	0.00085	mg/kg
B-107 (12.5')-20170912	SW8260C	09/15/2017 22:48:00	SO	1	460-140863-17	179601-23-1	M,P-XYLENES	0.00023	TRG	J	NJ	SQL	0.00015	0.00085	mg/kg
B-107 (12.5')-20170912	SW8260C	09/15/2017 22:48:00	SO	1	460-140863-17	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.0012	TRG	J	NJ	SQL	0.00095	0.0043	mg/kg
B-107 (12.5')-20170912	SW8260C	09/15/2017 22:48:00	SO	1	460-140863-17	75-69-4	TRICHLOROFLUOROMETHANE		TRG	U	UJ	CCAL	0.00035	0.00085	mg/kg
B-108 (5.5')-20170912	SW8260C	09/15/2017 14:30:00	SO	1	460-140863-18	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00043	0.00094	mg/kg
B-108 (5.5')-20170912	SW8260C	09/15/2017 14:30:00	SO	1	460-140863-18	127-18-4	TETRACHLOROETHYLENE(PCE)	0.00087	TRG	J	NJ	SQL	0.00013	0.00094	mg/kg
B-108 (5.5')-20170912	SW8260C	09/15/2017 14:30:00	SO	1	460-140863-18	108-88-3	TOLUENE	0.00061	TRG	J	NJ	SQL	0.00059	0.00094	mg/kg
B-108 (13.5')-20170912	SW8260C	09/15/2017 14:55:00	SO	1	460-140863-19	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00042	0.00092	mg/kg
B-108 (13.5')-20170912	SW8260C	09/15/2017 14:55:00	SO	1	460-140863-19	179601-23-1	M,P-XYLENES		TRG	BJ	UJB	MB	0.00023	0.00092	mg/kg
B-109 (3.5'-5.0')-20170912	SW8260C	09/15/2017 11:37:00	SO	1	460-140863-11	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00041	0.00089	mg/kg
B-111 (3.5')-20170912	SW8260C	09/15/2017 09:59:00	SO	1	460-140863-1	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00045	0.00097	mg/kg
B-111 (3.5')-20170912	SW8260C	09/15/2017 09:59:00	SO	1	460-140863-1	179601-23-1	M,P-XYLENES	0.00030	TRG	BJ	NJB	MB,SQL	0.00023	0.00097	mg/kg
B-111 (3.5')-20170912	SW8260C	09/15/2017 09:59:00	SO	1	460-140863-1	79-01-6	TRICHLOROETHYLENE (TCE)	0.00036	TRG	J	NJ	SQL	0.00014	0.00097	mg/kg

TABLE 1
SUMMARY OF SEPTEMBER 2017 SOIL QUALITY DATA: WITH DATA VALIDATION
FORMER JOHNNY-ON-THE-SPOT CLEANERS
WHITESTONE, NY

#sys_sample_code	lab_anl_method_name	analysis_date	lab_matrix_code	dilution_factor	lab_sample_id	cas_rn	chemical_name	result_value	result_type_code	lab_qualifiers	validator_qualifiers	reason_code	method_detection_limit	reporting_detection_limit	detection_limit_unit
B-111 (14.5')-20170912	SW8260C	09/15/2017 03:10:00	SO	1	460-140863-2	75-15-0	CARBON DISULFIDE		TRG	UT	UJ	CCAL	0.00028	0.0010	mg/kg
B-111 (14.5')-20170912	SW8260C	09/15/2017 03:10:00	SO	1	460-140863-2	10061-01-5	CIS-1,3-DICHLOROPROPENE		TRG	U	UJ	CCAL	0.00028	0.0010	mg/kg
B-111 (14.5')-20170912	SW8260C	09/15/2017 03:10:00	SO	1	460-140863-2	179601-23-1	M,P-XYLENES		TRG	BJ	UJB	MB	0.00023	0.0010	mg/kg
B-111 (14.5')-20170912	SW8260C	09/15/2017 03:10:00	SO	1	460-140863-2	10061-02-6	TRANS-1,3-DICHLOROPROPENE		TRG	U	UJ	CCAL	0.00028	0.0010	mg/kg
B-112 (8.5')-20170912	SW8260C	09/15/2017 03:34:00	SO	1	460-140863-3	75-15-0	CARBON DISULFIDE		TRG	UT	UJ	CCAL	0.00022	0.00084	mg/kg
B-112 (8.5')-20170912	SW8260C	09/15/2017 03:34:00	SO	1	460-140863-3	10061-01-5	CIS-1,3-DICHLOROPROPENE		TRG	U	UJ	CCAL	0.00023	0.00084	mg/kg
B-112 (8.5')-20170912	SW8260C	09/15/2017 03:34:00	SO	1	460-140863-3	75-09-2	METHYLENE CHLORIDE	0.00042	TRG	BJ	NJB	MB,SQL	0.00018	0.00084	mg/kg
B-112 (8.5')-20170912	SW8260C	09/15/2017 03:34:00	SO	1	460-140863-3	156-60-5	TRANS-1,2-DICHLOROETHENE	0.00045	TRG	J	NJ	SQL	0.00021	0.00084	mg/kg
B-112 (8.5')-20170912	SW8260C	09/15/2017 03:34:00	SO	1	460-140863-3	10061-02-6	TRANS-1,3-DICHLOROPROPENE		TRG	U	UJ	CCAL	0.00022	0.00084	mg/kg
B-112 (14.5')-20170912	SW8260C	09/20/2017 02:02:00	SO	1	460-140863-4	74-83-9	BROMOMETHANE		TRG	U	UJ	CCAL	0.00041	0.00086	mg/kg
B-112 (14.5')-20170912	SW8260C	09/20/2017 02:02:00	SO	1	460-140863-4	100-41-4	ETHYLBENZENE	0.00017	TRG	J	NJ	SQL	0.00017	0.00086	mg/kg
B-112 (14.5')-20170912	SW8260C	09/20/2017 02:02:00	SO	1	460-140863-4	179601-23-1	M,P-XYLENES	0.00050	TRG	BJ	NJB	MB,SQL	0.00023	0.00086	mg/kg
B-112 (14.5')-20170912	SW8260C	09/20/2017 02:02:00	SO	1	460-140863-4	95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.00013	TRG	J	NJ	SQL	0.000082	0.00086	mg/kg
B-112 (14.5')-20170912	SW8260C	09/20/2017 02:02:00	SO	1	460-140863-4	156-60-5	TRANS-1,2-DICHLOROETHENE	0.00040	TRG	J	NJ	SQL	0.00021	0.00086	mg/kg
B-113 (12.9')-20170912	SW8260C	09/16/2017 03:33:00	SO	100	460-140863-6	591-78-6	2-HEXANONE		TRG	U	UJ	CCAL	0.14	0.94	mg/kg
B-113 (12.9')-20170912	SW8260C	09/16/2017 03:33:00	SO	100	460-140863-6	75-01-4	VINYL CHLORIDE	0.056	TRG	J	NJ	SQL	0.038	0.19	mg/kg
B-113 (6.5')-20170912	SW8260C	09/20/2017 11:06:00	SO	50	460-140863-5	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		TRG	U	UJ	CCAL	0.025	0.074	mg/kg
B-113 (6.5')-20170912	SW8260C	09/20/2017 11:06:00	SO	50	460-140863-5	110-82-7	CYCLOHEXANE		TRG	U	UJ	CCAL	0.019	0.074	mg/kg
B-114 (1.0')-20170912	SW8260C	09/15/2017 00:22:00	SO	50	460-140863-9	75-25-2	BROMOFORM		TRG	U	UJ	CCAL	0.015	0.086	mg/kg
B-114 (1.0')-20170912	SW8260C	09/15/2017 00:22:00	SO	50	460-140863-9	75-15-0	CARBON DISULFIDE		TRG	U	UJ	CCAL	0.019	0.086	mg/kg
B-114 (1.0')-20170912	SW8260C	09/15/2017 00:22:00	SO	50	460-140863-9	124-48-1	DIBROMOCHLOROMETHANE		TRG	U	UJ	CCAL	0.019	0.086	mg/kg
B-114 (1.0')-20170912	SW8260C	09/15/2017 00:22:00	SO	50	460-140863-9	75-71-8	DICHLORODIFLUOROMETHANE		TRG	U	UJ	CCAL	0.012	0.086	mg/kg
B-114 (14.0')-20170912	SW8260C	09/15/2017 11:13:00	SO	1	460-140863-10	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00039	0.00085	mg/kg
B-114 (14.0')-20170912	SW8260C	09/15/2017 11:13:00	SO	1	460-140863-10	75-01-4	VINYL CHLORIDE	0.00065	TRG	J	NJ	SQL	0.00047	0.00085	mg/kg
B-115 (14.0')-20170912	SW8260C	09/15/2017 10:48:00	SO	1	460-140863-8	75-35-4	1,1-DICHLOROETHENE	0.00023	TRG	J	NJ	SQL	0.00018	0.00081	mg/kg
B-115 (14.0')-20170912	SW8260C	09/15/2017 10:48:00	SO	1	460-140863-8	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00037	0.00081	mg/kg
B-115 (6.5')-20170912	SW8260C	09/15/2017 10:23:00	SO	1	460-140863-7	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE		TRG	U	UJ	CCAL	0.00038	0.00083	mg/kg
B-115 (6.5')-20170912	SW8260C	09/15/2017 10:23:00	SO	1	460-140863-7	75-15-0	CARBON DISULFIDE	0.00062	TRG	J	NJ	SQL	0.00022	0.00083	mg/kg
B-115 (6.5')-20170912	SW8260C	09/15/2017 10:23:00	SO	1	460-140863-7	78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.0016	TRG	J	NJ	SQL	0.00092	0.0042	mg/kg
Trip Blank-20170911	SW8260C	09/15/2017 22:31:00	SO	1	460-140792-1	67-64-1	ACETONE	3.3	TRG	J	NJ	SQL	1.1	5.0	ug/l

Lab Qualifiers

B = Coumpound was found in the blank and sample
E = Result exceeded calibration range.
J = Indicates an Estimated Value for TICs
N = This flag indicates the presumptive evidence of a compound.
U = Indicates the analyte was analyzed for but not detected.

Result Type Code

TRG = target analyte
TIC = tentitivaly identified compound

Validator Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
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.
B = The analyte was detected in the method, field and/or trip blank

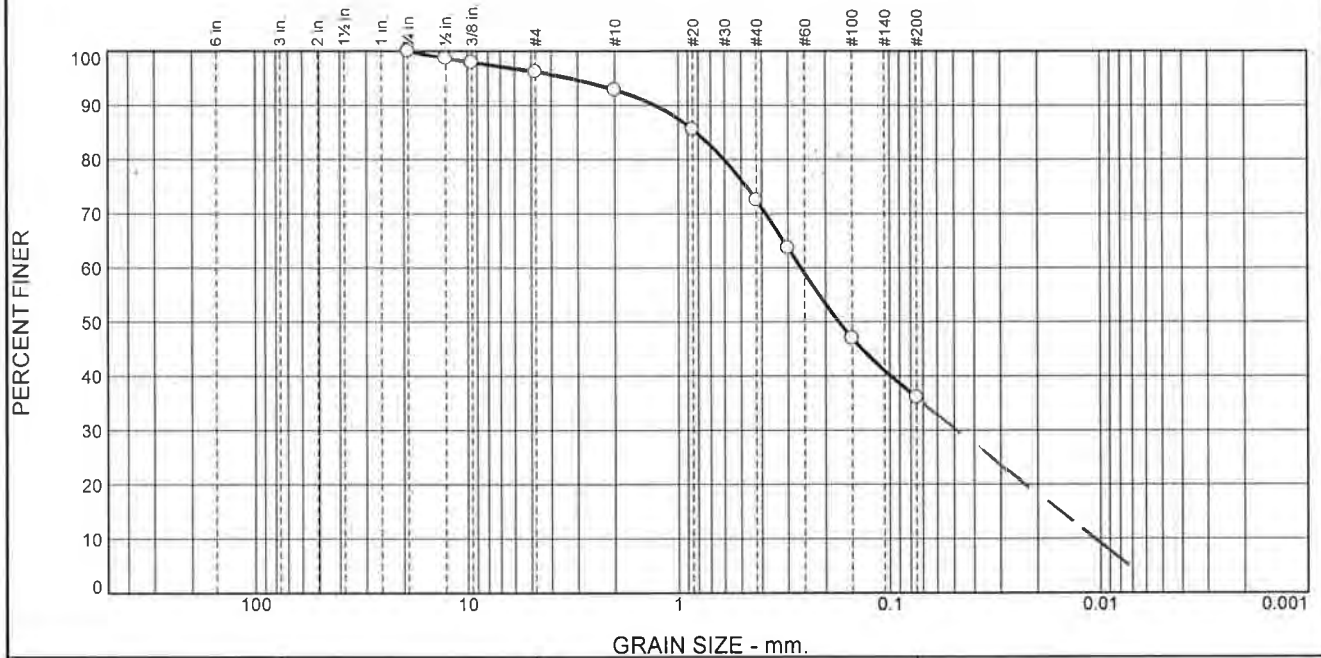
Reason Code

CCAL = Continuing Calibration problem
ID = Identification questionable/incorrect
MB = Matrix Spike Duplicate
SQL = Subquantitation Level
TB = Trip Blank

APPENDIX D

Grain Size Distribution Results– September 2017 Soils

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	3.9	3.3	20.3	36.4	36.1	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4	100.0		
1/2	98.6		
3/8	97.9		
#4	96.1		
#10	92.8		
#20	85.5		
#40	72.5		
#50	63.6		
#100	47.0		
#200	36.1		

(no specification provided)

Material Description

Silty sand

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D₉₀= 1.2946 D₈₅= 0.8197 D₆₀= 0.2609
D₅₀= 0.1731 D₃₀= D₁₅=
D₁₀= C_u= C_c=

Remarks

In-Situ Moisture: 7.1%

Date Received: 9-21-17 **Date Tested:** 9-22-17
Tested By: Ted Moody
Checked By: Jeff Young
Title: Lab Manager

Location: B-110
Sample Number: 17-933 **Depth:** 0.5'-1.5'

Date Sampled: 9-21-17

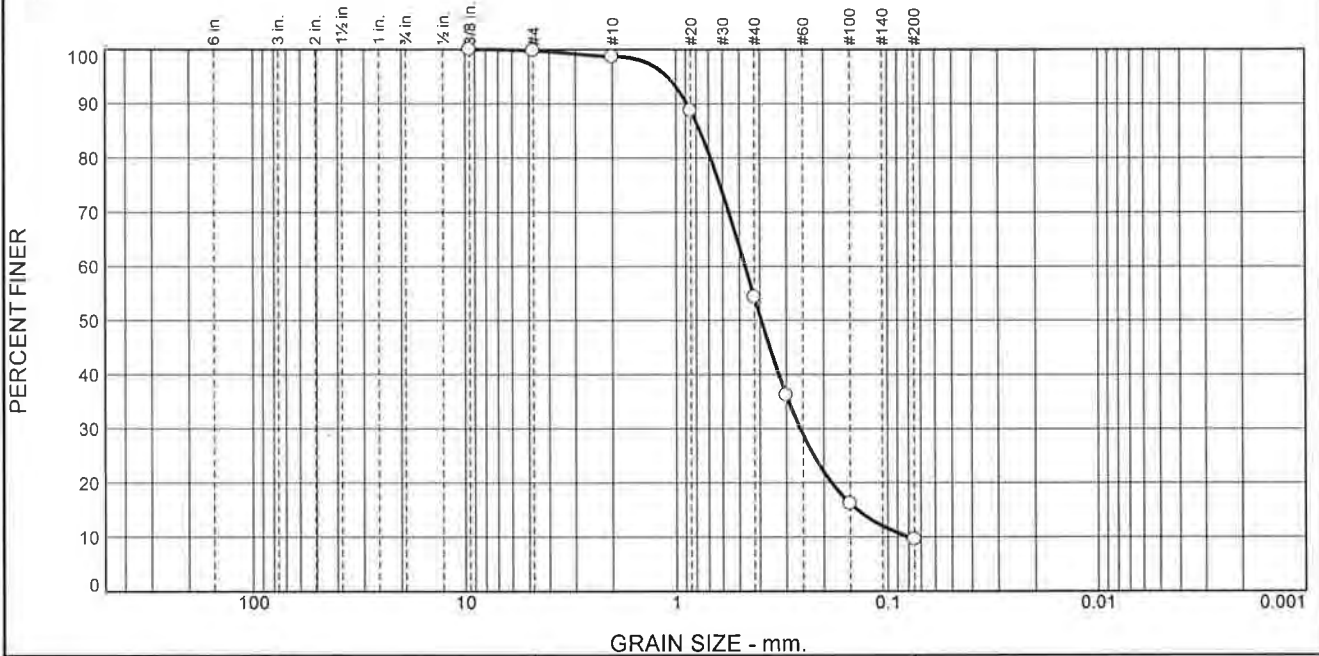


Client: Stantec
Project: Miscellaneous Testing

Project No: 17-25-018

Figure 002

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.3	1.1	44.3	44.7	9.6	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/8	100.0		
#4	99.7		
#10	98.6		
#20	88.7		
#40	54.3		
#50	36.1		
#100	16.2		
#200	9.6		

(no specification provided)

Material Description
Well-graded sand with silt

Atterberg Limits (ASTM D 4318)
PL= LL= PI=

Classification
USCS (D 2487)= AASHTO (M 145)=

Coefficients
 D₉₀= 0.8861 D₈₅= 0.7686 D₆₀= 0.4699
 D₅₀= 0.3935 D₃₀= 0.2584 D₁₅= 0.1386
 D₁₀= 0.0803 C_u= 5.85 C_c= 1.77

Remarks
In-Situ Moisture: 18.6%

Date Received: 9-21-17 **Date Tested:** 9-22-17

Tested By: Ted Moody

Checked By: Jeff Young

Title: Lab Manager

Location: B-111

Sample Number: 17-934

Depth: 13.5'-14.5'

Date Sampled: 9-21-17



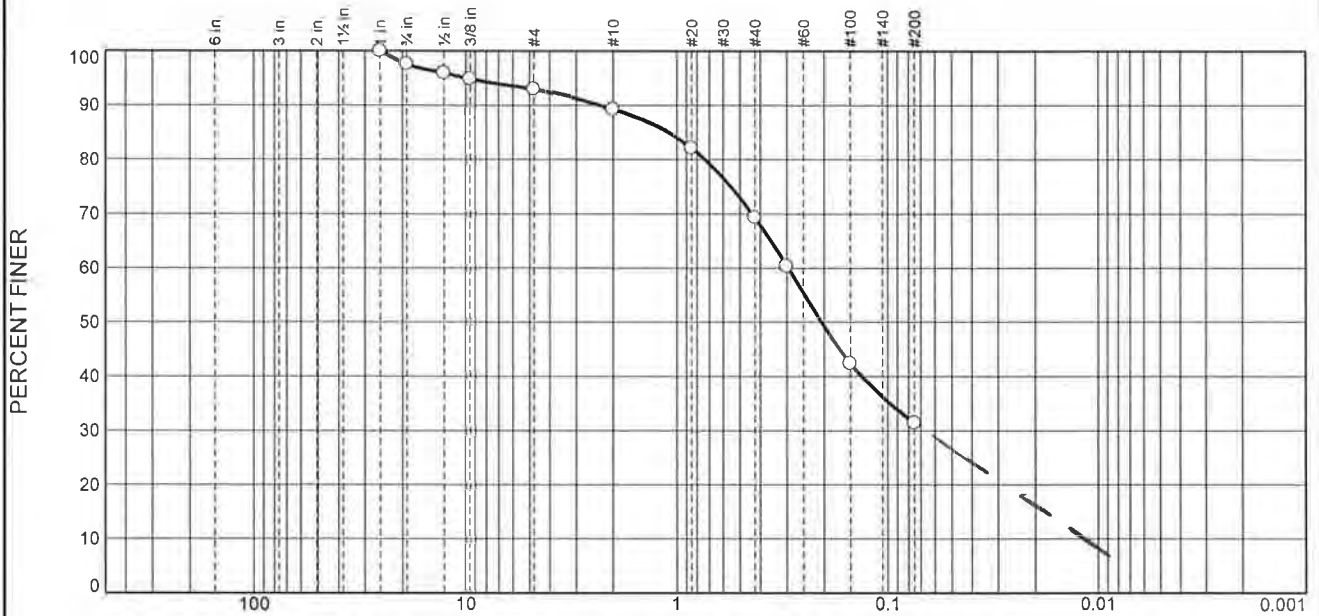
Client: Stantec

Project: Miscellaneous Testing

Project No: 17-25-018

Figure 003

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	2.4	4.6	3.8	19.9	37.9	31.4	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100.0		
3/4	97.6		
1/2	95.9		
3/8	94.8		
#4	93.0		
#10	89.2		
#20	82.1		
#40	69.3		
#50	60.3		
#100	42.4		
#200	31.4		

* (no specification provided)

Material Description		
Silty sand		
Atterberg Limits (ASTM D 4318)		
PL=	LL=	PI=
Classification		
USCS (D 2487)=	AASHTO (M 145)=	
Coefficients		
D ₉₀ = 2.3223	D ₈₅ = 1.1011	D ₆₀ = 0.2964
D ₅₀ = 0.2053	D ₃₀ =	D ₁₅ =
D ₁₀ =	C _u =	C _c =
Remarks		
In-Situ Moisture: 9.2%		
Date Received: 9-21-17		Date Tested: 9-21-17
Tested By: Ted Moody		
Checked By: Jeff Young		
Title: Lab Manager		

Location: B-112

Sample Number: 17-935

Depth: 2'-4'

Date Sampled: 9-21-17



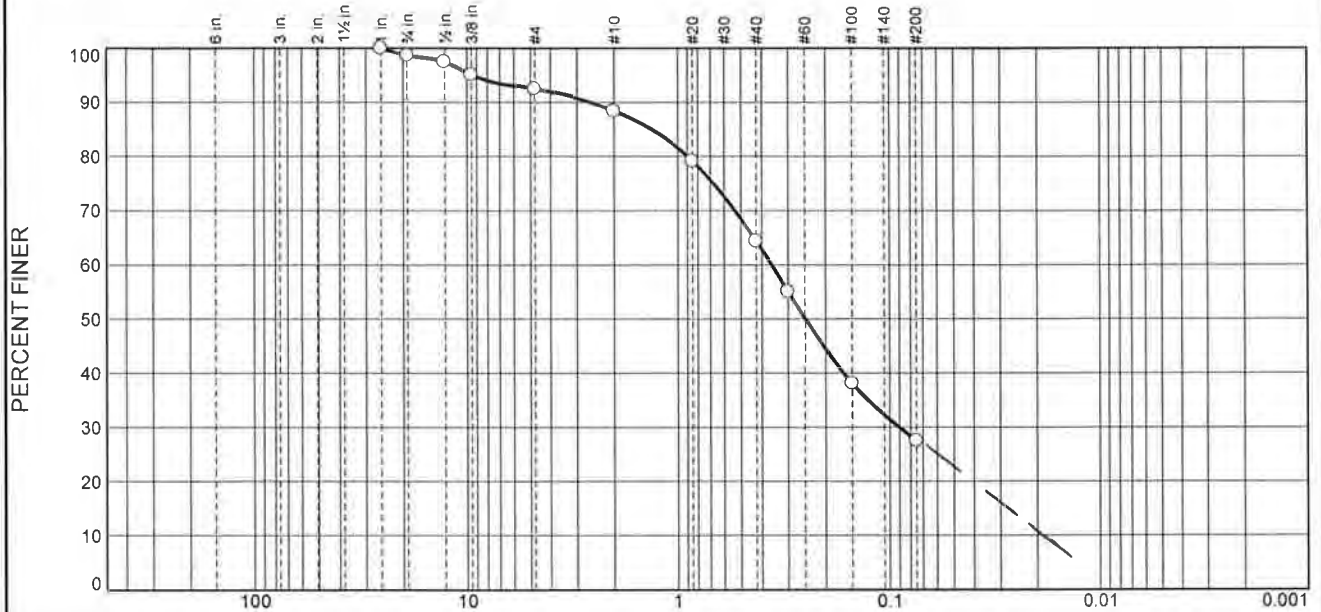
Client: Stantec

Project: Miscellaneous Testing

Project No: 17-25-018

Figure 004

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	1.4	6.1	4.2	23.9	36.9	27.5	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100.0		
3/4	98.6		
1/2	97.5		
3/8	95.1		
#4	92.5		
#10	88.3		
#20	79.2		
#40	64.4		
#50	55.0		
#100	38.1		
#200	27.5		

(no specification provided)

Material Description

Silty sand

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D₉₀= 2.6076 D₈₅= 1.3364 D₆₀= 0.3601
D₅₀= 0.2490 D₃₀= 0.0905 D₁₅=
D₁₀= C_u= C_c=

Remarks

In-Situ Moisture: 8.6%

Date Received: 9-21-17 **Date Tested:** 9-21-17
Tested By: Ted Moody
Checked By: Jeff Young
Title: Lab Manager

Location: B-113

Sample Number: 17-936

Depth: 5.5'-7.5'

Date Sampled: 9-21-17



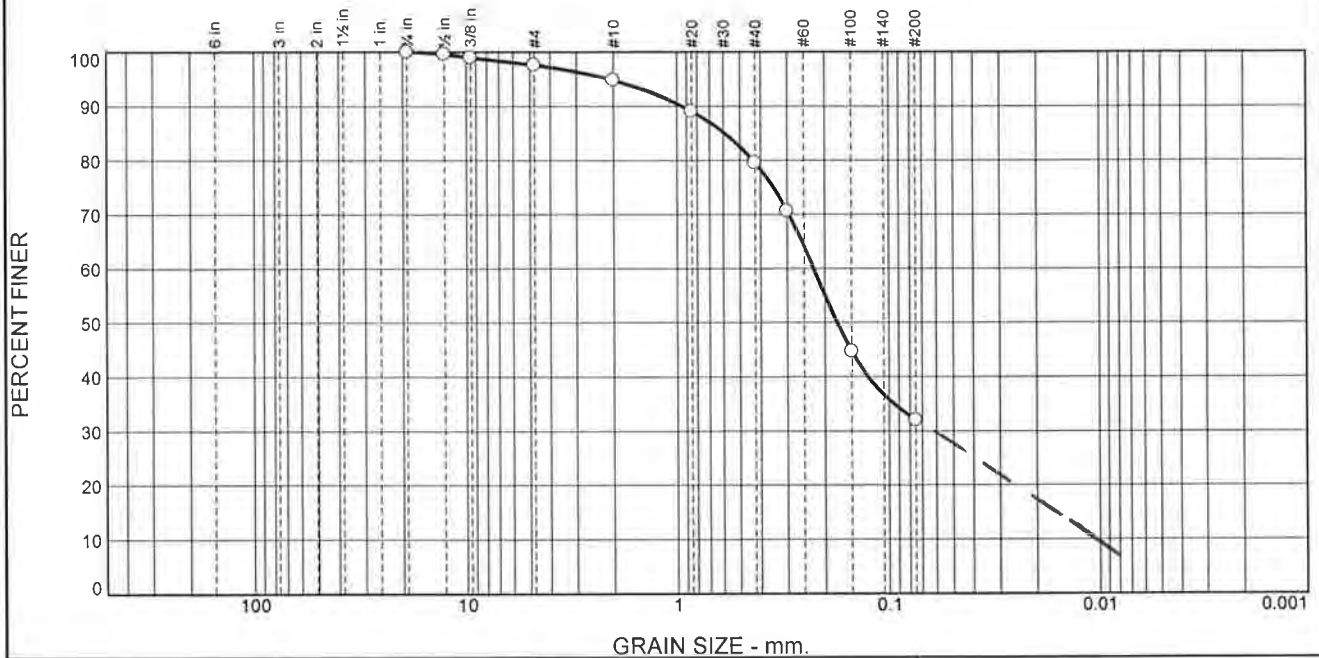
Client: Stantec

Project: Miscellaneous Testing

Project No: 17-25-018

Figure 005

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	2.4	2.8	15.2	47.6	32.0	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4	100.0		
1/2	99.6		
3/8	99.0		
#4	97.6		
#10	94.8		
#20	89.0		
#40	79.6		
#50	70.6		
#100	44.6		
#200	32.0		

(no specification provided)

Material Description		
Silty sand		
Atterberg Limits (ASTM D 4318)		
PL=	LL=	PI=
Classification		
USCS (D 2487)=	AASHTO (M 145)=	
Coefficients		
D ₉₀ = 0.9477	D ₈₅ = 0.5906	D ₆₀ = 0.2259
D ₅₀ = 0.1755	D ₃₀ =	D ₁₅ =
D ₁₀ =	C _u =	C _c =
Remarks		
In-Situ Moisture: 11.3%		
Date Received: 9-21-17		Date Tested: 9-21-17
Tested By: Ted Moody		
Checked By: Jeff Young		
Title: Lab Manager		

Location: B-114
Sample Number: 17-937 Depth: 1'-3'

Date Sampled: 9-21-17

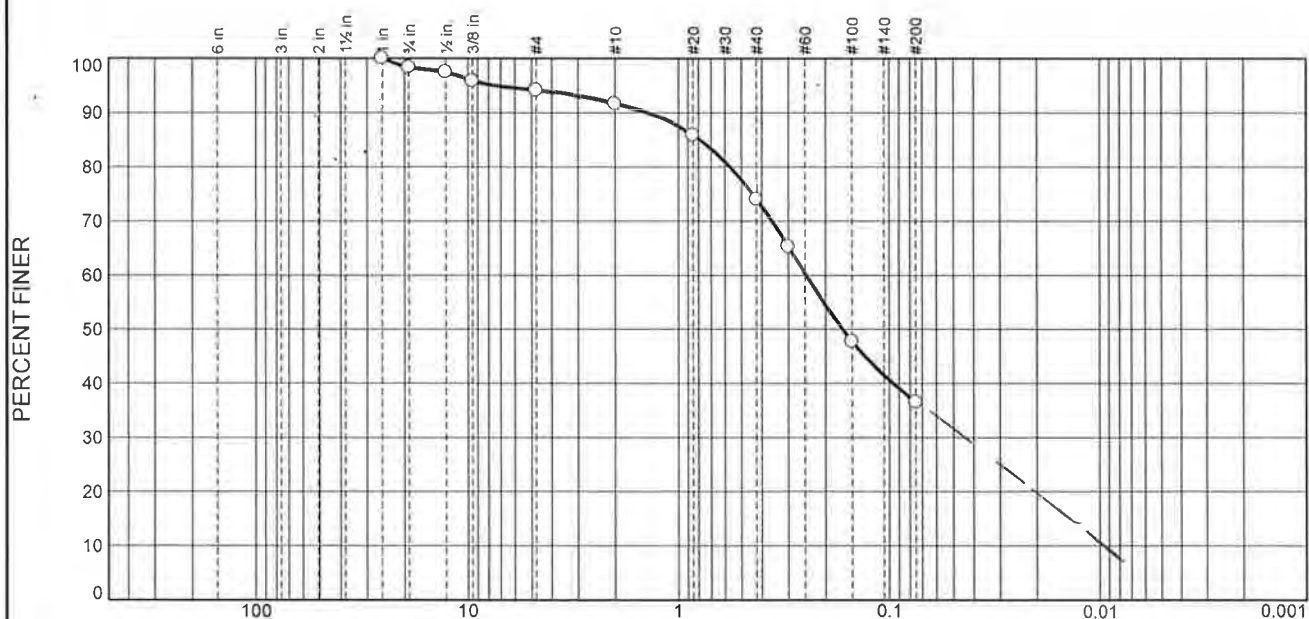


Client: Stantec
Project: Miscellaneous Testing

Project No: 17-25-018

Figure 006

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	1.7	4.1	2.6	17.5	37.6	36.5	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100.0		
3/4	98.3		
1/2	97.3		
3/8	95.9		
#4	94.2		
#10	91.6		
#20	85.9		
#40	74.1		
#50	65.3		
#100	47.7		
#200	36.5		

(no specification provided)

Material Description
Silty sand

Atterberg Limits (ASTM D 4318)
 PL= LL= PI=

Classification
 USCS (D 2487)= AASHTO (M 145)=

Coefficients
 D₉₀= 1.4137 D₈₅= 0.7897 D₆₀= 0.2468
 D₅₀= 0.1662 D₃₀= D₁₅=
 D₁₀= C_u= C_c=

Remarks
In-Situ Moisture: 8.7%

Date Received: 9-21-17 **Date Tested:** 9-22-17
Tested By: Ted Moody
Checked By: Jeff Young
Title: Lab Manager

Location: B-115
Sample Number: 17-938 **Depth:** 1.5'-3.5'

Date Sampled: 9-21-17



Client: Stantec
Project: Miscellaneous Testing

Project No: 17-25-018

Figure 007

APPENDIX E

Low Flow Purge and Sample Forms

November 2017, June and August 2022, and September 2025 Groundwater

**STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 1

Site: <u>A+P Whitestone</u>										Field Personnel: <u>B Blive</u>																			
Date: <u>11/9/17</u>										Weather: <u>Cloudy 40's</u>																			
Monitor Well #: <u>MW-1S</u>										Well Depth: <u>17.4</u>										Screened/Open Interval:									
Well Permit #:										Well Diameter: <u>2"</u>										Pump Intake (feet below TOC):									
										Depth to Water Before Pump Installation: <u>5.87 (TWPV)</u>										Make/ Model of Pump: <u>Peristaltic / Geopump</u>									

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1355	X		7.54	NA	489	NA	-27.2	NA	0.52	NA	34.3	NA	19.52	NA	120	8.46 (rem of 2nd box)
1400	X		7.53	-0.01	488	-1	-17.2	+10.0	0.59	+0.07	31.4	-2.9	19.43	-0.09	120	8.75
1405	X		7.54	+0.01	493	+5	-10.0	+7.2	0.56	-0.03	31.6	+0.2	19.36	-0.07	120	8.94
1410	X		7.54	-	491	-2	-2.6	+7.4	0.40	-0.16	46.0	44.4	19.25	-0.11	120	9.11
1415	X		7.54	-	491	-	2.3	+4.9	0.37	-0.03	27.0	-19.0	19.14	-0.06	120	9.14
1420	X		7.54	-	490	-1	3.6	+1.3	0.41	+0.04	29.9	+2.9	19.11	-0.03	120	9.17
1425	X		7.55	+0.01	489	-1	3.9	+0.3	0.39	-0.02	27.7	-2.2	19.14	+0.03	120	9.19

Comments: 1345: Begin purge
 1425: Sample MW-1S

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 1

Site: <u>A+P Whitestone</u>								Field Personnel: <u>B Blive</u>							
Date: <u>11/2/17</u>								Weather: <u>Sunny 40's</u>							
Monitor Well #: <u>MW - 1D</u>				Well Depth: <u>34.2</u>				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>8.17</u>				Make/ Model of Pump: <u>Peristaltic/Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1245	X		6.83	NA	671	NA	-25.1	NA	0.93	NA	25.6	NA	17.95	NA	150	8.37
1250	X		6.73	-0.10	671	-	-23.2	+1.9	0.17	-0.76	16.5	-9.1	18.01	+0.06	150	8.37
1255	X		6.70	-0.03	672	+1	-22.4	+0.8	0.14	-0.03	9.39	-7.11	18.12	+0.11	150	8.37
1300	X		6.67	-0.03	674	+2	-25.9	-3.5	0.17	+0.03	9.24	-0.15	18.16	+0.04	150	8.37
1305	X		6.66	-0.01	678	+4	-28.5	-2.6	0.18	+0.01	12.5	+3.26	18.21	+0.05	150	8.37
1310	X		6.67	+0.01	691	+13	-38.1	-9.6	0.11	-0.07	22.3	+9.8	18.15	-0.06	150	8.37
1315	X		6.71	+0.04	704	+13	-58.2	-20.1	0.11	-	28.1	+5.8	17.98	-0.17	150	8.37
1320	X		6.73	+0.02	706	+2	-66.6	-8.4	0.11	-	28.6	+0.5	17.94	-0.04	150	8.37
1325	X	X	6.73	-	707	+1	-69.7	-3.1	0.10	-0.01	29.1	+0.5	17.78	-0.16	150	8.37

Comments: 1230: Begin purge
1325: Sample MW - 1D

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

**STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 3

Site: <u>A+P Whitestone</u>								Field Personnel: <u>B Blue</u>							
Date: <u>11/8/17</u>								Weather: <u>Partly Sunny 40s</u>							
Monitor Well #: <u>mw - 2 S</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>6.72</u>				Make/ Model of Pump: <u>Pedistalric 1600 pump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1440	X		7.17	NA	590	NA	32.5	NA	0.77	NA	27.1	NA	18.68	NA	140	7.56
1445	X		7.15	-0.02	595	+5	35.0	+2.5	0.65	-0.12	24.5	-2.6	18.67	-0.01	100	7.87
1450	X		7.14	-0.01	598	+3	20.0	-15.0	0.52	-0.13	24.4	-0.1	18.69	+0.02	100	8.15
1455	X		7.15	+0.01	605	+7	-0.7	-20.7	0.45	-0.07	28.1	+3.7	18.65	-0.04	100	8.31
1500	X		7.16	+0.01	611	+6	-13.8	-13.1	0.38	-0.07	41.5	+13.4	18.56	-0.09	100	8.80
1505	X		7.17	+0.01	617	+6	-17.8	-4.0	0.55	+0.17	74.3	+32.8	18.55	-0.01	100	9.20
1510	X		7.17	-	633	+16	-18.2	-0.4	0.29	-0.26	263	+88.7	18.55	-	100	9.68
1515	X		7.13	-0.04	693	+60	-30.7	-12.5	0.15	-0.14	258	-5	18.46	-0.09	100	10.00
1520	X		7.14	+0.01	727	+34	-36.4	-5.7	0.10	-0.05	330	+72	18.45	-0.01	100	10.13
1525	X		7.16	+0.02	692	-35	-33.4	+3.0	0.10	-	469	+139	18.53	+0.08	100	10.41
1530	X		7.17	+0.01	681	-11	-41.8	-3.4	0.10	-	759	+290	18.74	+0.21	100	10.70
1545	X		7.18	+0.01	674	-7	-15.6	+26.2	0.32	+0.22	292	+467	18.17	-0.57	100	11.00

Comments: 1430: Begin Purge - 1530 Raise TUBING, DRAIN flow through cell

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

Adjust Flow
↓

STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 2 of 3

Site: <u>ATP Whitestone</u>								Field Personnel: <u>B.B. Ne</u>							
Date: <u>11/8/17</u>								Weather: <u>Cloudy 40°s</u>							
Monitor Well #: <u>MW-25</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>6.72</u>				Make/ Model of Pump: <u>PERISTALTIC / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1545	X		7.18	NA	674	NA	-15.6	NA	0.32	NA	292	NA	18.17	NA	100	11.00
1550	X		7.18	-	678	+4	-14.7	+0.9	0.29	-0.03	199	-93	18.13	-0.04	100	11.10
1555	X		7.18	-	688	+10	-13.1	+1.6	0.44	+0.15	146	-53	18.19	+0.06	100	11.16
1600	X		7.18	-	694	+6	-9.1	+4.0	0.65	+0.21	132	-14	18.21	+0.02	100	11.26
1605	X		7.19	+0.01	704	+10	-5.3	+3.8	0.98	+0.33	105	-27	18.16	-0.05	100	11.38
1610	X		7.19	-	711	+7	-2.7	+2.6	1.15	+0.17	117	+12	18.20	+0.04	100	11.44
1615	X		7.19	-	731	+20	0.8	+3.5	1.29	+0.14	114	-3	18.37	+0.17	100	11.50
1620	X		7.18	-0.01	766	+35	-17.9	-18.1	1.29	-	118	+4	18.42	+0.05	100	11.55
1625	X		7.17	-0.01	813	+47	-40.4	-22.5	1.55	+0.26	244	+126	18.57	+0.15	100	11.60
1630	X		7.16	-0.01	839	+26	-60.0	-19.6	1.17	-0.38	>1000	-	18.69	+0.12	100	11.67
1635	X		7.16	-	850	+11	-64.2	-4.2	1.15	-0.02	634	-	18.61	-0.08	100	11.72
1640	X		7.15	-0.01	856	+6	-57.3	+6.9	1.53	+0.38	267	-367	18.65	+0.04	100	11.78

Comments:

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential, and +/- 10% for Dissolved Oxygen and Turbidity

**STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 3 of 3

Site: <u>A&P Whitestone</u>								Field Personnel: <u>B. Blive</u>							
Date: <u>11/8/17</u>								Weather: <u>Cloudy 40's</u>							
Monitor Well #: <u>MW-2S</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>6.72</u>				Make/ Model of Pump: <u>Peristaltic/Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1640	X		7.15	NA	856	NA	-57.3	NA	1.53	NA	267	NA	18.65	NA	100	11.78
1645	X		7.15	-	871	+15	-58.8	-1.5	1.47	-0.06	124	-14.3	18.50	-0.15	100	11.82
1650	X		7.15	-	880	+9	-56.1	+2.7	1.64	+0.17	56.5	-67.5	18.37	-0.13	100	11.87
1655	X		7.15	-	882	+2	-55.7	+0.4	1.60	-0.04	50.8	-5.7	18.46	+0.09	100	11.92
1700	X		7.15	-	896	+14	-54.8	+0.9	1.73	+0.13	38.8	-12.0	18.46	-	100	11.95
1705	X		7.14	-0.01	927	+31	-54.4	+0.4	1.75	+0.02	34.1	4.7	18.35	-0.11	100	11.98
1710	X		7.14	-	939	+12	-53.4	+1.0	1.72	-0.03	33.3	-0.8	18.24	-0.11	100	11.98
1715	X	X	7.14	-	948	+9	-53.8	-0.4	1.69	-0.03	33.4	+0.1	18.20	-0.04	100	11.98

Comments: 1715: Sample MW-2S - collect duplicate sample labeled "Dupe", no time of collection

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

**STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 1

Site: <u>At # Whitestone</u>								Field Personnel: <u>B Blive</u>							
Date: <u>11/8/17</u>								Weather: <u>Partly Sunny 40's</u>							
Monitor Well #: <u>MW-2D</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>8.04</u>				Make/ Model of Pump: <u>Peristaltic / Leopold</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1355	X		7.07	NA	1734	NA	-66.9	NA	0.18	NA	2.85	NA	17.50	NA	200	8.09
1400	X		7.07	-	1740	+6	-67.0	-0.1	0.15	-0.03	1.49	-1.36	17.44	-0.06	200	8.09
1405	X		7.06	-0.01	1742	+2	-73.3	-6.3	0.12	-0.03	1.19	-0.30	17.40	-0.04	200	8.09
1410	X		7.06	-	1740	-2	-75.7	-2.4	0.13	+0.01	1.40	+0.21	17.39	-0.01	200	8.09
1415	X		7.07	+0.01	1739	-1	-76.5	-0.8	0.12	-0.01	1.15	-0.25	17.27	-0.12	200	8.09

Comments: 1345 : Began purge
 1415 : Sample MW-2D

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

**STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 1

Site: <u>A+P Whetstone</u>								Field Personnel: <u>B. Blive</u>							
Date: <u>11/8/17</u>								Weather: <u>Cloudy 40's</u>							
Monitor Well #: <u>MW-3S</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>1.86</u>				Make/ Model of Pump: <u>Peristaltic / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1235	X		7.57	NA	567	NA	-114.8	NA	0.19	NA	18.6	NA	18.68	NA	120	2.62
1240	X		7.55	-0.02	563	-4	-116.8	-2.0	0.18	-0.01	16.0	-2.6	18.78	+0.10	120	2.67
1245	X		7.55	-	560	-3	-116.1	+0.7	0.12	-0.06	19.0	+3.0	18.83	+0.05	120	2.67
1250	X		7.54	-0.01	558	-2	-120.0	-3.9	0.12	-	13.5	-5.5	18.86	+0.03	120	2.67
1300	X		7.54	-	555	-3	-122.0	-2.0	0.07	-0.05	10.9	-2.6	18.91	+0.05	120	2.67
1305	X		7.54	-	555	-	-122.1	-0.1	0.07	-	8.89	-2.01	19.01	+0.10	120	2.67
1310	X		7.54	-	555	-	-120.4	+0.7	0.07	-	7.35	-1.54	19.06	+0.05	120	2.67
1315	X		7.54	-	555	-	-122.1	+0.7	0.04	-0.03	5.93	-1.42	18.98	-0.08	120	2.67
1320	X		7.54	-	555	-	-123.9	-1.8	0.05	+0.01	4.75	-1.18	18.96	-0.02	120	2.67
1325	X		7.54	-	555	-	-124.6	-0.7	0.05	-	4.35	-0.40	19.02	+0.06	120	2.67

Comments: 1225: Begin purge
1325: Sample MW-3S

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

**STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 1

Site: <u>A+P Whetstone</u>								Field Personnel: <u>B Blive</u>							
Date: <u>11/8/17</u>								Weather: <u>Cloudy 40's</u>							
Monitor Well #: <u>MW-3D</u>				Well Depth: <u>332</u>				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>5.58</u>				Make/ Model of Pump: <u>Peristaltic / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1110	X		7.15	NA	1374	NA	36.1	NA	0.24	NA	29.9	NA	18.06	NA	120	7.33
1115	X		7.14	-0.01	1388	+14	9.0	-27.1	0.22	-0.02	30.5	+1.6	17.97	-0.09	120	7.80
1120	X		7.13	-0.0	1387	-1	-30.3	-39.3	0.24	+0.02	31.2	+0.7	17.91	-0.06	120	7.92
1125	X		7.13	-	1457	+70	-30.9	-0.6	0.19	-0.05	24.4	-6.8	17.72	-0.19	120	8.03
1130	X		7.12	-0.01	1536	+79	-61.4	-25.5	0.17	-0.02	20.1	-4.3	17.74	+0.02	120	8.14
1135	X		7.12	-	1566	+30	-77.9	-16.5	0.16	-0.01	18.9	-0.2	17.78	+0.04	120	8.22
1140	X		7.13	+0.01	1564	-2	-82.9	-5.0	0.20	+0.04	16.5	-2.4	17.79	+0.01	120	8.25
1145	X		7.12	-0.01	1568	+4	-83.9	-1.0	0.15	-0.05	14.2	-2.3	17.75	-0.04	120	8.27
1150	X		7.13	+0.01	1568	-	-89.7	-5.8	0.17	+0.02	12.7	-1.5	17.73	-0.02	120	8.29
1155	X		7.14	+0.01	1570	+2	-92.6	-2.9	0.19	+0.02	11.3	-1.4	17.63	-0.10	120	8.29
1200	X		7.15	+0.01	1570	-	-94.6	-2.0	0.17	-0.02	9.92	-1.38	17.63	-	120	8.29
1205	X		7.15	-	1569	-1	-97.8	-3.2	0.17	-	10.4	+0.48	17.51	-0.12	120	8.29

Comments: 1100: Basin purge
1205: Sample MW-3D

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

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LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
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Sheet 1 of 1

Site: <u>A+P Whitestone</u>								Field Personnel: <u>B. B. De</u>							
Date: <u>11/7/17</u>								Weather: <u>Cloudy, 50° S</u>							
Monitor Well #: <u>MW - 101 S</u>				Well Depth: <u>21.1</u>				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>8.85</u>				Make/ Model of Pump: <u>Peristaltic / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1430	X		6.74	NA	4589	NA	72.8	NA	0.39	NA	22.1	NA	19.89	NA	200	10.00
1435	X		6.75	+0.01	4467	-122	74.7	+1.9	0.40	+0.01	7.90	-14.20	19.86	-0.03	200	9.91
1440	X		6.74	-0.01	4450	-17	73.9	-0.8	0.36	-0.04	5.10	-2.80	19.83	-0.03	200	9.91
1445	X		6.75	+0.01	4462	+12	76.1	+2.2	0.39	+0.03	3.98	-1.12	19.84	+0.01	200	9.91
1450	X	X	6.74	-0.01	4450	+18	74.4	-1.7	0.37	-0.02	3.82	-0.16	19.84	-	200	9.91

Comments: 1410 - Begm purge

1450: Sample MW-101 S

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

Adjust Flow ↓

STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET

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Sheet 1 of 1

Site: <u>A+P White stone</u>								Field Personnel: <u>B. Blue</u>							
Date: <u>11/7/17</u>								Weather: <u>Cloudy, 50's / showers</u>							
Monitor Well #: <u>MW-101 D</u>				Well Depth: _____				Screened/Open Interval: _____							
Well Permit #: _____				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC): _____							
				Depth to Water Before Pump Installation: <u>12.74</u>				Make/ Model of Pump: <u>Peristaltic / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1530	X		7.00	NA	1283	NA	-113.6	NA	0.05	NA	2.16	NA	17.69	NA	300	12.78
1535	X		7.00	-	1300	+17	-115.4	-18	0.02	-0.03	1.58	-0.58	17.60	-0.09	300	12.78
1540	X		7.00	-	1309	+9	-109.8	+5.6	0.02	-	2.27	+0.69	17.61	+0.01	300	12.78
1545	X		7.01	+0.01	1312	+3	-108.3	+1.5	0.02	-	2.69	+0.42	17.53	-0.08	300	12.78
1550	X		7.01	-	1312	-	-106.5	+1.8	0.03	+0.01	4.50	+1.81	17.47	-0.06	300	12.78
1555	X		7.00	-0.01	1313	+1	-97.5	+9.0	0.01	-0.02	5.44	+1.26	17.43	-0.04	300	12.78
1600	X		7.00	-	1339	+26	-87.4	+10.1	0.00	-0.01	5.24	-0.60	17.36	-0.07	300	12.78
1605	X		7.00	-	1332	-7	-103.4	-16.0	0.04	+0.04	4.80	-0.44	17.26	-0.10	300	12.78
1610	X		7.00	-	1328	-4	-106.3	-2.9	0.01	-0.03	3.30	-1.50	17.15	-0.09	300	12.78
1615	X		7.00	-	1321	-7	-111.1	-4.8	0.02	+0.01	2.96	-0.34	16.89	-0.26	300	12.78

Comments: 1520 - Begin purge

1615 : Sample MW-101D

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

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LOW FLOW SAMPLING DATA SHEET**

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Sheet 1 of 1

Site: <u>A+P Whitestone</u>								Field Personnel: <u>B. Blawie</u>							
Date: <u>11/9/17</u>								Weather: <u>Sunny 40's</u>							
Monitor Well #: <u>MW-102S</u>				Well Depth: <u>22.1</u>				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation:				Make/ Model of Pump: <u>Peristaltic/Gecump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0950	X		6.81	NA	1087	NA	-85.4	NA	0.17	NA	155	NA	16.66	NA	120	9.11
0955	X		6.81	-	1066	-21	-84.0	+1.4	0.11	-0.06	131	-24	16.72	+0.06	120	9.25
1005	X		6.80	-0.01	1049	-17	-81.9	+2.1	0.10	-0.01	117	-14	16.71	-0.01	120	9.38
1010	X		6.80	-	1033	-16	-79.8	+2.1	0.11	+0.01	122	+5	16.84	+0.13	120	9.52
1015	X		6.80	-	1004	-29	-78.4	+1.4	0.12	+0.01	105	-17	16.89	+0.05	120	9.60
1020	X		6.80	-	984	-20	-77.2	+1.2	0.14	+0.02	97.8	-7.2	16.84	-0.05	120	9.66
1025	X		6.80	-	967	-14	-76.9	+0.3	0.13	-0.01	83.2	-14.6	16.89	+0.05	120	9.73
1030	X		6.80	-	949	-18	-76.8	+0.1	0.16	+0.03	70.5	-12.7	16.88	-0.01	120	9.81
1035	X		6.80	-	935	-14	-76.9	-0.1	0.14	-0.02	68.5	-2.0	16.84	-0.04	120	9.87
1040	X	X	6.80	-	929	-6	-77.1	+0.2	0.14	-	67.5	-1.0	16.75	-0.09	120	9.93

Comments: 0945: Oxygen Purge
1040: Sample MW-102S

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

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LOW FLOW SAMPLING DATA SHEET**

YSI 556 Instrument Serial #
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Sheet 1 of 1

Site: <u>A+P Whitestone</u>								Field Personnel: <u>B. Blane</u>							
Date: <u>11/9/17</u>								Weather: <u>Sunny 40°S</u>							
Monitor Well #: <u>MW - 102D</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>11.76</u>				Make/ Model of Pump: <u>Peristaltic / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1115	X		6.76	NA	571	NA	40.8	NA	0.36	NA	22.9	NA	16.55	NA	160	12.53
1120	X		6.76	-	586	+15	49.7	+8.9	0.26	-0.10	11.4	-11.5	16.68	+0.13	160	12.57
1125	X		6.76	-	597	+11	54.0	+4.3	0.17	-0.09	9.91	-1.49	16.77	+0.09	160	12.58
1130	X		6.76	-	616	+19	36.2	-17.8	0.12	-0.05	8.27	-1.64	16.67	-0.10	160	12.58
1135	X		6.80	+0.04	686	+70	-72.8	-109.0	0.00	-0.12	59.3	151.03	16.62	-0.05	160	12.58
1140	X		6.88	+0.08	679	-7	-87.8	-12.0	0.00	-	73.5	144.2	16.60	-0.02	160	12.58
1145	X		6.94	+0.06	672	-7	-92.0	-4.2	0.00	-	67.4	-6.1	16.54	-0.06	160	12.56
1150	X		6.96	+0.02	664	-8	-87.9	+4.1	0.00	-	63.6	-3.8	16.50	-0.04	160	12.55
1155	X		6.98	+0.02	654	-10	-84.8	+3.1	0.00	-	62.1	-1.5	16.54	+0.04	160	12.54

Comments: 1105: Begin purge
1155: Sample MW - 102D

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET

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Sheet 1 of 2

Site: <u>At P Whitestone</u>								Field Personnel: <u>B Blive</u>							
Date: <u>11/9/17</u>								Weather: <u>Sunny 30's</u>							
Monitor Well #: <u>NW-105 D</u>				Well Depth: <u>37.2</u>				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>7.32</u>				Make/ Model of Pump: <u>Perista tie / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0725	X		7.27	NA	1642	NA	-135.7	NA	0.02	NA	255	NA	16.16	NA	200	7.45
0730	X		7.27	-	1629	-13	-136.0	-0.3	0.05	+0.03	302	+47	16.26	+0.10	200	7.45
0735	X		7.27	-	1629	-	-138.4	-2.4	0.00	-0.05	349	+47	16.02	-0.24	200	7.45
0740	X		7.26	-0.01	1607	-22	-136.8	+1.6	0.00	-	412	+63	16.05	+0.03	200	7.45
0745	X		7.18	-0.08	1529	-78	-131.7	+5.1	0.00	-	228	-184	15.29	-0.76	200	7.45
0750	X		7.19	+0.01	1455	-74	-126.1	+5.6	0.00	-	139	-89	14.54	-0.75	200	7.45
0755	X		7.14	-0.05	1419	-36	-123.6	+2.5	0.00	-	130	-9	16.04	+1.50	200	7.45
0800	X		7.13	-0.01	1314	-105	-113.6	+10.0	0.00	-	120	-10	16.12	-0.08	200	7.45
0805	X		7.14	+0.01	1281	-33	-110.2	+3.4	0.00	-	109	-11	16.16	+0.04	200	7.45
0810	X		7.11	-0.03	1270	-11	-107.1	+3.1	0.00	-	103	-6	16.13	-0.03	200	7.45
0815	X		7.06	-0.05	1238	-32	-101.6	+5.5	0.00	-	95.5	-7.5	16.11	-0.02	200	7.45
0820	X		7.02	-0.04	1189	-49	-100.6	+1.0	0.00	-	76.0	-19.5	16.09	-0.02	200	7.45

Comments: 0715: Begin purge

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET

YSI 556 Instrument Serial #
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Sheet 2 of 2

Site: <u>A+P Whitestone</u>								Field Personnel: <u>B. Blane</u>							
Date: <u>11/9/17</u>								Weather: <u>Sunny 40's</u>							
Monitor Well #: <u>MW-103 D</u>				Well Depth: <u>37.2</u>				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>7.32</u>				Make/ Model of Pump: <u>Peristaltic / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0820	X		7.02	NA	1189	NA	-100.6	NA	0.00	NA	76.0	NA	16.09	NA	200	7.45
0825	X		7.01	-0.01	1174	-15	-97.5	+3.1	0.00	-	70.8	-5.2	16.14	+0.05	200	7.45
0830	X		6.99	-0.02	1137	-37	-95.4	+2.1	0.00	-	70.3	-0.5	16.12	-0.02	200	7.45
0835	X		6.96	-0.03	1071	-66	-93.4	+2.0	0.00	-	57.6	-12.7	16.10	-0.02	200	7.45
0840	X		6.94	-0.02	1061	-10	-90.2	+3.2	0.00	-	46.2	-11.4	16.22	+0.12	200	7.45
0845	X		6.94	-	1041	-20	-86.1	+4.1	0.00	-	49.9	+3.7	16.27	+0.05	200	7.45
0850	X		6.93	-0.01	1010	-31	-86.7	-0.6	0.00	-	40.1	-9.8	16.35	+0.08	200	7.45
0855	X		6.91	-0.02	968	-42	-87.0	-0.3	0.00	-	31.5	-8.6	16.44	+0.09	200	7.45
0900	X		6.91	-	943	-25	-87.4	-0.4	0.00	-	28.7	-2.8	16.44	-	200	7.45
0905	X		6.89	-0.02	933	-10	-85.5	+1.9	0.00	-	27.4	-1.3	16.52	+0.08	200	7.45
0910	X	X	6.90	+0.01	921	-12	-79.5	+6.0	0.00	-	26.9	-0.5	16.42	-0.10	200	7.45

Comments: 0910 : Sample MW - 103 D

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 2

Site: <u>A+P Whitestone</u>								Field Personnel: <u>B. Blume</u>							
Date: <u>11/8/17</u>								Weather: <u>Cloudy 40's</u>							
Monitor Well #: <u>MW-201 S</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>12.94</u>				Make/ Model of Pump: <u>Peristaltic / Geopump</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0745	X		6.43	NA	4149	NA	5.1	NA	0.19	NA	28.4	NA	17.75	NA	125	13.19
0750	X		6.43	-	4150	+1	3.4	-1.7	0.14	-0.05	27.1	-1.3	17.83	+0.08	125	13.19
0755	X		6.43	-	4152	+2	3.0	-0.4	0.17	+0.03	22.9	-4.9	17.75	-0.08	125	13.19
0800	X		6.43	-	4160	+8	2.1	-0.9	0.15	-0.02	20.0	-2.9	17.75	-	125	13.19
0805	X		6.42	-0.01	4157	-3	1.2	-0.9	0.12	-0.03	19.5	-0.5	17.80	+0.05	125	13.19
0810	X		6.42	-	4161	+4	1.2	-	0.13	+0.01	16.5	-3.0	17.73	-0.07	125	13.19
0815	X		6.43	+0.01	4162	+1	1.3	+0.1	0.16	+0.03	15.5	-1.0	17.81	+0.08	125	13.19
0820	X		6.43	-	4159	-3	-0.7	-2.0	0.22	+0.06	17.8	+2.3	17.93	+0.12	125	13.19
0825	X		6.43	-	4164	+5	-1.1	-0.4	0.23	+0.01	13.9	-3.9	17.90	-0.03	125	13.19
0830	X		6.43	-	4171	+7	-1.5	-0.4	0.18	-0.05	10.8	-3.1	17.83	-0.07	125	13.19
0835	X		6.44	-0.01	4159	-12	3.4	+4.9	0.21	+0.03	12.0	+1.2	17.98	+0.15	125	13.19
0840	X		6.44	-	4167	+8	6.9	+3.5	0.23	+0.02	9.13	-2.87	17.93	-0.05	125	13.19

Comments: 0725: Begin pump

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

YSI 556 Instrument Serial #
Hach 2100Q Serial #

[illegible]

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

STANTEC CONSULTING SERVICES
LOW FLOW SAMPLING DATA SHEET

YSI 556 Instrument Serial #
Hach 2100Q Serial #

Sheet 1 of 2

Site: <u>A + P Whites tone</u>								Field Personnel: <u>B. B. L. ve</u>							
Date: <u>11/8/17</u>								Weather: <u>Cloudy 40's</u>							
Monitor Well #: <u>MW - 201 D</u>				Well Depth:				Screened/Open Interval:							
Well Permit #:				Well Diameter: <u>2"</u>				Pump Intake (feet below TOC):							
				Depth to Water Before Pump Installation: <u>12.98</u>				Make/ Model of Pump: <u>PERISTALTIC / GEOPUMP</u>							

TIME	PURGING	SAMPLING	pH (pH units)		Specific Conductivity (umhos/cm)		Redox Potential (mv)		Dissolved Oxygen (mg/l)		Turbidity (NTU)		Temperature ¹ (degrees centigrade)		Pumping Rate (ml/min)	Depth to Water (feet below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0925	X		7.00	NA	720	NA	-57.8	NA	0.16	NA	11.1	NA	16.38	NA	200	13.00
0930	X		7.00	-	726	+6	-52.3	+5.5	0.10	-0.06	10.7	-0.4	16.41	+0.03	200	13.00
0935	X		7.02	+0.02	733	+7	-79.7	-27.4	0.11	+0.01	6.05	-4.65	16.42	+0.01	200	13.00
0940	X		7.00	-0.02	737	+4	-75.6	+4.1	0.10	-0.01	3.80	-2.25	16.40	-0.02	200	13.00
0945	X		7.01	+0.01	741	+4	-68.5	+7.1	0.09	-0.01	2.47	-1.43	16.33	-0.07	200	13.00
0950	X		7.01	-	742	+1	-52.8	+5.7	0.06	-0.03	2.98	+0.51	16.43	+0.10	200	13.00
0955	X		7.01	-	744	+2	-53.1	-0.3	0.05	-0.01	2.28	-0.70	16.48	+0.05	200	13.00
1000	X		7.01	-	745	+1	-69.1	-16.0	0.03	-0.02	1.86	-0.42	16.41	-0.07	200	13.00
1005	X		7.01	-	749	+4	-80.4	-11.3	0.04	-0.01	1.59	-0.27	16.34	-0.07	200	13.00
1010	X		7.02	+0.01	749	-	-82.6	-2.2	0.08	+0.04	1.65	+0.06	16.43	+0.09	200	13.00
1015	X		7.01	-0.01	749	-	-69.8	+12.8	0.06	-0.02	1.59	-0.06	16.49	+0.06	200	13.00
1020	X		7.02	+0.01	749	-	-81.3	-11.5	0.09	+0.03	1.50	-0.09	16.56	+0.07	200	13.00

Comments: 0915: Began purge

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity

YSI 556 Instrument Serial #
Hach 2100Q Serial #

[illegible]

* Indicator parameters have stabilized when 3 consecutive readings are within: +/- 0.1 for pH; +/- 3% for specific conductivity and temperature; +/- 10 mv for Redox Potential; and +/- 10% for Dissolved Oxygen and Turbidity



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-13

Depth to Water: 5.35 ft TOIC

Date: 6/29/22

Total Well Depth: 17 ft TOIC

Purge Start Time: 1215

Depth to Pump: 15 ft TOIC

Purge End Time: 1245

Initial Pump Rate: 250 mL/min

Pump Type: peristaltic

adjusted to: 100 mL/min at 1220

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 1.90 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1215	0	7.26	52	0.720	22.36	0.24	244	5.92
1220	0.5	7.53	159	0.527	24.32	0.38	122	6.89
1225	0.75 1.0	7.48	158	0.511	22.98	0.5 0	57.5	8.42
1230	1.0	7.42	149	0.512	23.51	0	57.9	8.72
1235	1.25	7.42	143	0.501	23.43	0	40.8	9.05
1240	1.50	7.43	138	0.506	23.12	0	38.1	9.91
1245	1.75	7.45	133	0.521	22.98	0	28.7	10.32
Final Sample Data:		7.45	133	0.521	22.98	0	28.7	10.32

Sample ID(s): MW-13

Sample Time: 1250

Sampler(s): J Foley

Analyses:

- ☒ VOCs
☒ SVOCs
☒ PCBs
☒ Pesticides
☒ TAL Metals and Cyanide
☒ AAs
☒ Sulfate
☒ Nitrate

Dup? ☐ MS/MSD? ☐

Equipment: see field book

Comments: PID 0.0 ppm



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-1D

Depth to Water: 7.97 ft TOIC

Date: 6/29/22

Total Well Depth: 40 ft TOIC

Purge Start Time: 1025

Depth to Pump: 33 ft TOIC (screen from 30-35)

Purge End Time: 1125

Initial Pump Rate: 280 mL/min

Pump Type: peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 5.22 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1025	0	6.98	83	0.540	18.92	0.14	282	8.35
1030	0.5	7.48	145	0.474	20.08	0.35	238	8.36
1035	1.0	7.39	86	0.506	19.49	0.05	199	8.37
1040	1.5	7.11	-36	0.634	19.44	0	175	8.42
1045	1.75	7.07	-41	0.665	19.43	0	171	8.44
1050	2.25	7.04	-44	0.714	19.39	0	155	8.45
1055	2.75	7.02	-47	0.749	19.33	0	145	8.45
1100	3.25	6.97	-51	0.791	19.32	0.08	137	8.45
1105	3.50	6.98	-52	0.805	19.34	0.0	123	8.46
1110	4.0	6.98	-54	0.836	19.26	0	118	8.46
1115	4.25	6.97	-56	0.861	19.32	0	112	8.46
1120	4.5	6.97	-57	0.872	19.29	0	102	8.46
1125	5.0	6.96	-58	0.877	19.30	0	101	8.46
Final Sample Data:		6.96	-58	0.877	19.30	0	101	8.46

Sample ID(s): MW-1D

Sample Time: 1130

Sampler(s): J Foley

Analyses:

- ☒ VOCs
☒ SVOCs
☒ PCBs
☒ Pesticides
☒ TAL Metals and Cyanide

Dup? ☐ MS/MSD? ☐

- ☐ ☐
☐ ☐
☐ ☐
☐ ☐
☐ ☐

Equipment: See field book

Comments: PID 0.9 ppm

- ☒ PPHS
☒ Sulfate
☒ Nitrate



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-25

Depth to Water: 5.69 ft TOIC

Date: 6/29/22

Total Well Depth: 19 ft TOIC

Purge Start Time: 0730

Depth to Pump: 17 ft TOIC

Purge End Time: 0810

Initial Pump Rate: 200 mL/min

Pump Type: Peristaltic

adjusted to: 100 mL/min at 0755

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 2.17 gallons

Time	Purge Volume (gallons)	pH ^{±0.1} (s.u.)	ORP ^{±10} (mV)	Conductivity (mS/cm) ^{±5%}	Temp. (°C) ^{±0.3}	DO ^{±0.1} (mg/L)	Turbidity (NTU) ^{±10%}	Water Level (ft)
0730	0	8.34	194	0.658	20.08	8.38	-	6.12
0740	0.25	8.48	183	0.671	20.32	9.03	71.4	6.19
0745	0.5	8.55	182	0.657	19.67	8.10	58.1	6.53
0750	0.75	8.64	178	0.631	18.76	7.11	37.5	6.86
0755	1.0	8.66	175	0.632	18.41	6.85	36.6	7.05
0800	1.25	8.68	171	0.624	18.52	6.37	25.2	7.47
0805	1.50	8.63	173	0.626	18.55	6.22	28.3	7.92
0810	1.75	8.54	174	0.635	18.65	5.92	26.7	8.31
Final Sample Data:		8.54	174	0.635	18.65	5.92	26.7	8.31

Sample ID(s): MW-25, DUP

Sample Time: 0815, 1200

Sampler(s): J Foley

Analyses:

- ☒ VOCs
- ☒ SVOCs
- ☒ PCBs
- ☒ Pesticides
- ☒ TAL Metals and Cyanide
- ☒ PPAS
- ☒ Sulfate
- ☒ Nitrate

Dup?

- ☒
- ☒
- ☒
- ☒
- ☒
- ☒
- ☒
- ☒

MS/MSD?

- ☐
- ☐
- ☐
- ☐
- ☐

Equipment: See field book

Comments: P10 5.5 ppm

purging paused between 730 and 740
to replace batteries in Horiba

Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-2D

Depth to Water: 7.78 ft TOIC

Date: 6/29/22

Total Well Depth: 40 ft TOIC

Purge Start Time: 0912

Depth to Pump: 32 ft TOIC

Purge End Time: 0947

Initial Pump Rate: 250 mL/min

Pump Type: Peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 5.25 gallons

Time	Purge Volume (gallons)	pH _{±0.1} (s.u.)	ORP _{±10} (mV)	Conductivity _{±3%} (mS/cm)	Temp. _{±0.1} (°C)	DO _{±0.2} (mg/L)	Turbidity _{±0.2} (NTU)	Water Level (ft)
0912	0	7.95	85	0.603	19.33	3.66	193	7.90
0917	0.5	7.21	4	0.569	19.00	1.17	57.5	7.94
0922	1.0	6.70	14	0.594	18.08	0.06	32.1	7.99
0927	1.5	6.60	17	0.642	18.03	0	14.5	7.99
0932	1.75	6.60	18	0.643	18.05	0	12.2	7.99
0937	2.0	6.59	16	0.648	18.06	0	10.2	7.99
0942	2.5	6.60	12	0.655	17.90	0	5.42	7.99
0947	3	6.62	8	0.663	17.57	0	4.61	7.99
Final Sample Data:		6.62	8	0.663	17.57	0	4.61	7.99

Sample ID(s): MW-2D

Sample Time: 0950

Sampler(s): J Foley
Analyses:

Dup? MS/MSD?

Equipment: see field book
☒ VOCs

☐ ☐
☒ SVOCs

☐ ☐
☒ PCBs

☐ ☐
☒ Pesticides

☐ ☐
☒ TAL Metals and Cyanide

☐ ☐
☒ PFAS

Comments: PID 0.6 ppm
☒ sulfate

☒ Nitrate



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-35

Depth to Water: 2.0 ft TOIC

Date: 6/30/22

Total Well Depth: 17 ft TOIC

Purge Start Time: 0940

Depth to Pump: 14 ft TOIC

Purge End Time: 1025

Initial Pump Rate: 150 mL/min

Pump Type: peristaltic

adjusted to: 250 mL/min at 0955

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 2.44 gallons

Time	Purge Volume (gallons)	pH _{±.1} (s.u.)	ORP _{±10} (mV)	Conductivity _{±3%} (mS/cm)	Temp. _{±.5°F} (°C)	DO _{±10%} (mg/L)	Turbidity _{±10%} (NTU)	Water Level (ft)
0940	0	7.11	-54	2.12	23.56	0.86	68.8	3.03
0945	0.5	7.11	-83	2.56	22.24	0	56.4	3.48
0950	0.75	7.12	-89	2.57	22.37	0	50.3	3.59
0955	1.0	7.23	-83	2.48	22.92	9.06	44.8	3.38
1000	1.25	7.18	-85	2.28	22.57	8.76	38.8	3.72
1005	1.50	7.19	-90	2.13	22.70	8.31	35.8	3.88
1010	2.0	7.17	-93	2.16	22.95	7.84	35.3	3.93
1015	2.5	7.17	-97	2.26	23.13	7.26	29.2	3.95
1020	3.0	7.18	-98	2.26	23.21	6.99	28.2	3.96
1025	3.5	7.18	-100	2.26	23.37	6.57	26.1	3.97
Final Sample Data:		7.18	-100	2.26	23.37	6.57	26.1	3.97

Sample ID(s): MW-35

Sample Time: 1030

Sampler(s): J Foley

Analyses:

- ☒ VOCs
☐ SVOCs
☐ PCBs
☐ Pesticides
☐ TAL Metals and Cyanide
☒ Nitrate
☒ Sulfate

Dup? ☐ MS/MSD? ☐

- ☐ ☐
☐ ☐
☐ ☐
☐ ☐
☐ ☐

Equipment: see field book

Comments: PID 0.0 pprv

pump temporarily stopped between 0950 and 0955

Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-3D

Depth to Water: 5.38 ft TOIC

Date: 10/30/22

Total Well Depth: 35 ft TOIC

Purge Start Time: 1050

Depth to Pump: 33 ft TOIC

Purge End Time: 1115

Initial Pump Rate: 250 mL/min

Pump Type: Peristaltic

adjusted to: 200 mL/min at 1054

Well Diameter: 2 inches

adjusted to: mL/min at

Well Volume: 4.82 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1050	0	7.22	-101	2.12	18.42	0.46	47.0	7.12
1055	0.5	7.19	-100	2.13	18.46	0	130	8.03
1100	0.5 0.5	7.14	-101	2.11	18.83	0	197	8.85
1105	1.0	7.14	-102	2.11	18.81	0	82.3	9.12
1110	1.25	7.15	-103	2.09	18.78	0	74.2	9.44
1115	1.50	7.16	-105	2.06	18.66	0	74.7	9.59
Final Sample Data:		7.16	-105	2.06	18.66	0	74.7	9.59

Sample ID(s): MW-3D

Sample Time: ~~1115~~ 1120

Sampler(s): J Foley

Analyses:

Dup?

MS/MSD?

Equipment: See fieldbook

☒ VOCs

□

☐

- SVOCs

9

- PCBs

☐☐☐ Pesticides

9

☐☐ TAL Metals and Cyanide

9

☐

is Nitrate

☒ sulfate

Comments: PID 0.0 ppm



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-1015

Depth to Water: 8.28 ft TOIC

Date: 6/18/22

Total Well Depth: 21 ft TOIC

Purge Start Time: 1030

Depth to Pump: 17 ft TOIC

Purge End Time: 1115

Initial Pump Rate: 200 mL/min

Pump Type: Peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 2.07 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1030	0	6.91	152	5.78	22.02	2.08	135	9.01
1035	0.75	6.90	129	5.91	18.40	0.0	109	9.72
1040	1.25	6.89	131	5.99	18.55	0	91.8	9.73
1045	1.50	6.89	126	6.00	18.78	0	58.0	9.75
1050	1.75	6.89	117	5.97	18.97	0	35.4	9.81
1055	2.0	6.89	112	6.04	19.16	0	27.4	9.88
1100	2.5	6.89	103	6.04	19.16	0	25.6	9.94
1105	2.75	6.89	101	6.07	19.18	0	18.2	10.0
1110	3.0	6.89	100	6.08	19.21	0	17.8	10.05
1115	3.5	6.89	100	6.08	19.26	0	17.5	10.06
Final Sample Data:		6.89	100	6.08	19.26	0	17.5	10.06

Sample ID(s): MW-1015

Sample Time: 1120

Sampler(s): J Foley

Analyses:

- ☒ VOCs
- ☒ SVOCs
- ☒ PCBs
- ☒ Pesticides
- ☒ TAL Metals and Cyanide
- ☒ PPAs
- ☒ Sulfate
- ☒ Nitrate

Dup?

MS/MSD?

- ☐
- ☐
- ☐
- ☐
- ☐

Equipment: see field book

Comments: PID 0.0 ppm



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-101D

Depth to Water: 12.33 ft TOIC

Date: 6/28/22

Total Well Depth: 48 ft TOIC

Purge Start Time: 1215

Depth to Pump: 43 ft TOIC

Purge End Time: 1305

Initial Pump Rate: 250 mL/min

Pump Type: Peristaltic

adjusted to: 200 mL/min at 1220

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 5.8 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1215	0	6.96	-4	3.80	21.03	0.24	1000	12.37
1220	0.25	7.01	-101	1.41	22.62	0.18	1000	12.37
1225	0.5 0.50	6.99	-105	1.44	21.01	0.45	615	12.37
1230	0.75 0.75	6.99	-106	1.45	20.14	0.02	367	12.38
1235	1.0 1.0	6.99	-107	1.45	20.25	0	275	12.38
1240	1.25 1.25	6.99	-107	1.44	20.57	0	279	12.39
1245	1.5 1.5	7.00	-108	1.44	20.68	0	213	12.39
1250	1.75	7.01	-109	1.44	20.74	0	186	12.39
1255	2.0	7.02	-110	1.46	20.56	0	157	12.39
1300	2.25	7.02	-110	1.46	20.67	0	141	12.39
1305	2.5	7.02	-109	1.46	20.72	0	128	12.39
Final Sample Data:		7.02	-109	1.46	20.72	0	128	12.39

Sample ID(s): MW-101D, MS, MSD

Sample Time: 1300

Sampler(s): J Foley

Analyses:

- ☒ VOCs
☒ SVOCs
☒ PCBs
☒ Pesticides
☒ TAL Metals and Cyanide

Dup? ☐ MS/MSD? ☐

- ☐ ☐
☐ ☐
☐ ☐
☐ ☐
☐ ☐

Equipment: see field book

Comments: PID 0.0 ppm

☒ PPA

☒ Sulfate

☒ Nitrate

- ☒
☒
☒



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW1025

Depth to Water: 16.82 ft TOIC

Date: 6/27/22

Total Well Depth: 25 ft TOIC

Purge Start Time: 1435

Depth to Pump: 15 ft TOIC

Purge End Time: 1515

Initial Pump Rate: 200 mL/min

Pump Type: Peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 2.96 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1435	0	7.07	-74	0.874	18.11	0	759	8.57
1440	0.5	7.02	-57	0.997	19.14	0.60	711	10.15
1445	0.75	7.03	-61	0.998	18.95	0.60	549	10.45
1450	1.0	6.95	-71	1.23	18.09	0	386	11.00
1455	1.5	6.96	-69	1.17	18.06	0.05	295	11.05
1500	1.75	6.96	-68	1.20	18.26	0.0	222	9.50
1505	2.0	6.97	-69	1.19	18.48	0	260	9.75
1510	2.5	6.98	-67	1.14	18.67	0	335	9.76
1515	3.0	7.00	-68	1.15	18.68	0	340	9.78
Final Sample Data:		7.08	-68	1.15	18.68	0	340	9.78

Sample ID(s): MW-1025

Sample Time: 1520

Sampler(s): J Foley

Analyses:

- ☒ VOCs
☐ SVOCs
☐ PCBs
☐ Pesticides
☐ TAL Metals and Cyanide

Dup?

- ☐
☐
☐
☐
☐

MS/MSD?

- ☐
☐
☐
☐
☐

Equipment:

see field book

Comments:

PID 0.0 ppm

- ☒ Sulfate
☒ Nitrate

Water from basin

Monitoring Well Purging and Sampling Record

Site Name: Whitestone Well ID: MW-102D
 Depth to Water: 11.57 ft TOIC Date: 6/27/22
 Total Well Depth: 54.35 ft TOIC depth to screen 30'
 Depth to Pump: 52.33 ft TOIC
 Initial Pump Rate: 200 mL/min
 adjusted to: _____ mL/min at _____
 adjusted to: _____ mL/min at _____
 Purge Start Time: 1140
 Purge End Time: 1335
 Pump Type: Peristaltic
 Well Diameter: 2 inches
 Well Volume: 3.81 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1140	0	7.05	-88	0.741	19.16	6.46	1000	12.21
1145	0.5	7.08	-85	0.711	19.36	5.48	1000	12.25
1150	1.0	7.11	-67	0.727	18.08	4.65	1000	12.26
1155	1.25	7.11	-62	0.731	18.00	4.15	1000	12.28
1200	1.5	7.13	-60	0.741	17.88	3.01	1000	12.28
1205	Purging paused to clean sensors and recalibrate for turbidity							
1235	Resumed purging							
1235	2.55	6.56	-7	0.774	18.45	0.09	43.2	12.57
1240	3	6.66	-29	0.774	18.19	0	1000	12.32
1245	3.25	7.08	-66	0.759	18.06	0	1000	12.30
1250	3.5	7.04	-65	0.762	18.05	0	1000	12.29
1255	4.0	7.03	-64	0.778	17.79	0	659	12.28
1300	4.25	7.01	-64	0.781	17.75	0	584	12.32
1305	4.5	6.96	-66	0.791	17.68	0	465	12.32
1310	4.75	6.96	-69	0.794	17.63	0	374	12.32
Final Sample Data:				See next page				

Sample ID(s): MW-102D

Sample Time: _____

Sampler(s): J Foley
Analyses:

- ☒ VOCs
☐ SVOCs
☐ PCBs
☐ Pesticides
☐ TAL Metals and Cyanide
☒ Sulfate, Nitrate

Dup? _____ MS/MSD? _____

- ☐
☐
☐
☐
☐
☐

Equipment: see field book

Comments: PID 0.0 ppm



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MTV 102D

Depth to Water: _____ ft TOIC

Date: 6/27/22

Total Well Depth: _____ ft TOIC

Purge Start Time: _____

Depth to Pump: _____ ft TOIC

Purge End Time: _____

Initial Pump Rate: _____ mL/min

Pump Type: _____

adjusted to: _____ mL/min at _____

Well Diameter: _____ inches

adjusted to: _____ mL/min at _____

Well Volume: _____ gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1315	5.0	6.94	-73	0.799	17.58	0	306	12.32
1320	5.5	6.99	-78	0.798	17.58	0	310	12.32
1325	5.75	7.03	-80	0.793	17.55	0	350	12.32
1330	6.0	7.06	-81	0.784	17.76	0	412	12.34
1335	6.25	7.08	-80	0.771	17.72	0	472	12.34
Final Sample Data:		7.08	-80	0.771	17.72	0	472	12.34

Sample ID(s): MW-102D

Sample Time: 1340

Sampler(s): _____

Analyses:

- ☐ VOCs
- ☐ SVOCs
- ☐ PCBs
- ☐ Pesticides
- ☐ TAL Metals and Cyanide

Dup?

- ☐
- ☐
- ☐
- ☐
- ☐

MS/MSD?

- ☐
- ☐
- ☐
- ☐
- ☐

Equipment: _____

Comments: _____

Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-103D

Depth to Water: 6.93 ft TOIC

Date: 6/30/22

Total Well Depth: 40 ft TOIC

Purge Start Time: 1200

Depth to Pump: 35 ft TOIC

Purge End Time: 1225

Initial Pump Rate: 250 mL/min

Pump Type: Peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 5.39 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1200	0	6.89	-88	1.12	18.36	0.17	123	7.08
1205	0.5	6.81	-87	1.07	17.89	0	98.3	7.10
1210	0.75	6.79	-87	1.06	17.85	0	133	7.12
1215	1.25	6.68	-82	1.07	17.59	0	109	7.12
1220	1.5	6.62	-82	1.07	17.50	0	117	7.12
1225	2.0	6.58	-82	1.07	17.34	0	112	7.12
Final Sample Data:		6.58	-82	1.07	17.34	0	112	7.12

Sample ID(s): MW-103D

Sample Time: 1230

Sampler(s): J Foley
Analyses:

- ☒ VOCs
☐ SVOCs
☐ PCBs
☐ Pesticides
☐ TAL Metals and Cyanide

Dup?

- ☐
☐
☐
☐
☐

MS/MSD?

- ☐
☐
☐
☐
☐

Equipment:

see field book

Comments: PID 0.4 ppm

☒ Sulfate
☒ Nitrate



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-1135

Depth to Water: 9.38 ft TOIC

Date: 6/29/22

Total Well Depth: 20 ft TOIC

Purge Start Time: 1405

Depth to Pump: 10.5 ft TOIC

Purge End Time: 1505

Initial Pump Rate: 200 mL/min

Pump Type: peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 1.89 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1405	0	7.70	218	0.344	28.90	9.12	28.7	8.58
1410	0.5	7.21	148	0.350	24.76	7.33	-	8.72
1430	0.5	6.76	150	0.373	24.33	15.07	66.6	8.77
1435	0.75	6.82	124	0.379	20.52	7.84	62.4	8.78
1440	1.0	6.76	111	0.387	19.31	7.85	55.1	8.81
1445	1.5	6.73	110	0.388	19.27	7.93	51.8	8.83
1450	1.75	6.62	76	0.391	18.65	7.62	54.5	8.85
1455	2.0	6.60	112	0.394	18.13	7.30	53.2	8.86
1500	2.5	6.62	113	0.396	17.94	7.12	53.9	8.86
1505	3.25	6.66	110	0.399	17.69	7.04	48.9	8.86
Final Sample Data:		6.66	110	0.399	17.69	7.04	48.9	8.86

Sample ID(s): MW-113

Sample Time: 1510

Sampler(s): J Foley

Analyses:

☒ VOCs

Dup? ☐

MS/MSD? ☐

Equipment: see field book

☒ SVOCs

☐

☐

☒ PCBs

☐

☐

☒ Pesticides

☐

☐

Comments: PID 0.0 ppm

☒ TAL Metals and Cyanide

☐

☐

☒ PFAS

☒ Sulfate

☒ Nitrate

purging paused at 1410 to replace
Arriba batteries



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW13D

Depth to Water: 8.55 ft TOIC

Date: 6/29/22

Total Well Depth: 20 ft TOIC

Purge Start Time: 1545

Depth to Pump: 17.5 ft TOIC

Purge End Time: 1630

Initial Pump Rate: 200 mL/min

Pump Type: Peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 1.86 gallons

Time	Purge Volume (gallons)	pH ^{±0.1} (s.u.)	ORP ^{±10} (mV)	Conductivity ^{±3%} (mS/cm)	Temp. ^{±0.5} (°C)	DO ^{±0.1} (mg/L)	Turbidity ^{±10%} (NTU)	Water Level (ft)
1545	0	7.29	189	0.386	17.88	11.13	44.1	8.78
1550	0.5	7.27	185	0.392	18.05	10.09	36.1	8.84
1555	1.0	7.15	163	0.401	17.49	10.02	26.2	8.85
1600	1.25	7.15	160	0.401	17.48	9.48	22.2	8.85
1605	1.5	7.14	116	0.402	17.45	9.25	20.5	8.85
1610	1.75	7.14	105	0.402	17.43	8.93	19.3	8.85
1615	2.25	7.14	96	0.403	17.40	8.33	14.0	8.90
1620	2.50	7.14	91	0.403	17.39	7.71	10.8	8.89
1625	3.00	7.15	83	0.403	17.38	7.69	87.2	8.89
1630	3.5	7.15	82	0.403	17.37	7.22	74.5	8.89
Final Sample Data:		7.15	82	0.403	17.37	7.22	74.5	8.89

Sample ID(s): MW-113D

Sample Time: 1635

Sampler(s): J Foley

Analyses:

- ☒ VOCs
- ☒ SVOCs
- ☒ PCBs
- ☒ Pesticides
- ☒ TAL Metals and Cyanide
- ☒ PPTS
- ☒ Sulfate
- ☒ Nitrate

Dup? ☐

MS/MSD? ☐

Equipment: See field book

Comments: PID 0.0ppm



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-201S

Depth to Water: 12.64 ft TOIC

Date: 8-30-2022

Total Well Depth: 19.80 ft TOIC

Purge Start Time: 1048

Depth to Pump: 17.50 ft TOIC

Purge End Time: 1159

Initial Pump Rate: 300 mL/min

Pump Type: Peristaltic

adjusted to: 60 mL/min at 1050

Well Diameter: 2 inches

adjusted to: 125 mL/min at 1100

Well Volume: 1.17 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1048	—	7.82	-39	5.49	20.93	1.50	271	12.90
1053	~0.6	7.94	-54	5.43	21.29	0.36	102	12.73
1058	~0.9	7.87	-51	5.43	21.79	0.27	70.2	12.74
1104	1.10	7.81	-47	5.41	22.27	0.13	67.6	12.71
1109	1.25	7.83	-48	5.42	21.07	0.03	57.6	12.75
1114	1.55	7.84	-49	5.42	20.88	0.00	45.3	12.75
1119	1.8	7.80	-49	5.41	20.74	0.00	31.8	12.75
1124	2.2	7.76	-50	5.41	20.62	0.00	25.5	12.77
1129	2.5	7.68	-49	5.41	20.70	0.00	19.8	12.76
1134	2.75	7.64	-49	5.41	20.79	0.00	17.6	12.76
1139	3	7.60	-49	5.40	20.68	0.00	15.9	12.78
1144	3.35	7.54	-50	5.37	20.85	0.00	11.4	12.75
1149	3.6	7.49	-43	5.39	20.78	0.00	8.5	12.77
1154	3.8	7.46	-50	5.39	20.63	0.00	7.9	12.77
1159	4.1	7.44	-41	5.39	20.59	0.00	6.8	12.78
Final Sample Data:		7.44	-41	5.39	20.59	0.00	6.8	12.78

Sample ID(s): MW-201S

Sample Time: 1205

Sampler(s): M. Bredehoeft

Analyses:

- ☒ VOCs
☒ SVOCs
☒ PCBs
☒ Pesticides
☒ TAL Metals and Cyanide
☒ Sulfate
☒ Nitrate
☒ PFAS

Dup? ☐ MS/MSD? ☐

Equipment: Peristaltic pump, Horiba U52

Solinist Interface Meter

Comments: PID 0.0ppm

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity



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Monitoring Well Purging and Sampling Record

Site Name: Whitestone

Well ID: MW-20D

Depth to Water: 2512.59 ft TOIC

Date: 6/30/22

Total Well Depth: 40 ft TOIC

Purge Start Time: 0717

Depth to Pump: 37 ft TOIC

Purge End Time: 0817

Initial Pump Rate: 200 mL/min

Pump Type: Peristaltic

adjusted to: _____ mL/min at _____

Well Diameter: 2 inches

adjusted to: _____ mL/min at _____

Well Volume: 4.46 gallons

Time	Purge Volume (gallons)	pH ^{+0.1} (s.u.)	ORP ⁺¹⁰ (mV)	Conductivity ^{+3%} (mS/cm)	Temp. (°C) ^{+3%}	DO ^{+10%} (mg/L)	Turbidity (NTU)	Water Level (ft)
0717	0	6.11	193	0.760	19.75	4.87	201	12.65
0722	0.5	6.83	-32	0.789	17.63	3.12	66.6	12.67
0727	1.0	6.27	-26	0.796	17.31	3.39	33.3	12.67
0732	1.25	6.92	-57	0.796	17.35	3.34	29.3	12.67
0737	1.5	6.92	-61	0.797	17.19	3.19	27.1	12.67
0742	1.75	6.94	-66	0.797	17.11	1.56	15.5	12.67
0747	2.25	6.96	-70	0.797	17.17	1.37	13.4	12.67
0752	2.5	6.97	-73	0.797	17.17	1.30	9.71	12.67
0757	3.0	6.99	-76	0.797	17.30	0.97	6.09	12.67
0802	3.25	7.04	-80	0.798	17.30	0.82	5.27	12.67
0807	3.75	7.07	-82	0.800	17.32	0.65	4.73	12.67
0812	4.0	7.03	-81	0.801	17.36	0.60	3.64	12.67
0817	4.25	7.11	-86	0.803	17.33	0.57	4.57	12.67
Final Sample Data:		7.11	-86	0.803	17.33	0.57	4.57	12.67

Sample ID(s): MW-20D

Sample Time: 0820

Sampler(s): J Foley

Analyses:

- ☒ VOCs
- ☒ SVOCs
- ☒ PCBs
- ☒ Pesticides
- ☒ TAL Metals and Cyanide
- ☒ Nitrate
- ☒ Sulfate
- ☒ PFAS

Dup? ☐ MS/MSD? ☐

Equipment: See field notes

Comments: PLD 0.0 ppm

Needs new J Purg - replaced 7/1/22

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u> DATE: <u>9/4/25</u> WEATHER: <u>71°F, Sunny</u>	CONSULTING FIRM: <u>Starter</u> FIELD PERSONNEL: <u>J. Nair</u>
---	--

MONITOR WELL #: <u>MW-15</u>	WELL DEPTH: <u>15.6</u>	SCREENED/OPEN INTERVAL: <u>2 to 17 ft</u>
WELL PERMIT #:	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>	PUMP INTAKE DEPTH: <u>13</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>6.79</u> ft below TOC
---	--

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0922	X		7.46	NA	0.864	NA	39	NA	0.32	NA	350	NA	22.85	NA	—	7.98
0927	X		7.47	+0.01	0.858	-0.006	30	-9	0.25	-0.07	250	-100	23.30	+0.45	—	9.60
0932	X		7.47	—	0.848	-0.010	26	-4	0.18	-0.07	217	-33	23.60	+0.30	—	10.43
0937	X		7.48	+0.01	0.845	-0.003	25	-1	0.22	+0.04	194	-23	23.73	+0.13	—	11.35
0942	X		7.48	—	0.848	+0.003	27	+2	0.34	+0.12	158	-36	23.42	-0.31	—	11.73
0947	X		7.50	+0.02	0.852	+0.004	31	+4	0.71	+0.37	148	-10	23.27	-0.15	—	12.01
0952	X		7.50	—	0.855	+0.003	35	+4	0.97	+0.26	138	-10	23.12	-0.15	—	12.27
0957	X		7.50	—	0.858	+0.003	39	+4	0.94	-0.03	134	-4	23.00	-0.12	—	12.42
1002	X		7.51	+0.01	0.860	+0.002	43	+4	0.86	-0.08	126	-8	22.85	-0.15	—	

COMMENTS: <u>Sample Time: 1007</u>	<u>~3 gallons purged</u>
------------------------------------	--------------------------

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1X

SITE: <u>Whitestone</u> DATE: <u>9/4/25</u> WEATHER: <u>74°F, Sunny</u>	CONSULTING FIRM: <u>Stantec</u> FIELD PERSONNEL: <u>J. Nair</u>
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MONITOR WELL #: <u>MW-1D</u>	WELL DEPTH: <u>34.5</u>	SCREENED/OPEN INTERVAL: <u>30 to 35 ft</u>
WELL PERMIT #:	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>	PUMP INTAKE DEPTH: <u>32</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>8.44</u> ft below TOC
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TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1031	X		7.52	NA	0.973	NA	-59	NA	0.76	NA	82.0	NA	20.22	NA	—	9.04
1036	X		7.34	-0.18	0.987	+0.014	-72	-13	0.04	-0.72	59.8	-22.2	19.58	-0.64	—	9.06
1041	X		7.25	-0.09	0.992	+0.005	-76	-4	0.00	-0.04	13.5	-46.3	19.42	-0.16	—	9.08
1046	X		7.21	-0.04	0.995	+0.003	-78	-2	0.00	—	8.6	-4.9	19.33	-0.09	—	9.06
1051	X		7.18	-0.03	0.997	+0.002	-80	-2	0.00	—	7.0	-1.6	19.24	-0.09	—	9.08
1056	X		7.16	-0.02	0.998	+0.001	-80	—	0.00	—	7.2	+0.2	19.18	-0.06	—	9.06
1101	X		7.15	-0.01	0.999	+0.001	-80	—	0.00	—	7.1	-0.1	19.14	-0.04	—	9.08

COMMENTS: Sample Time: 1106

~3.5 gallons
purged

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u>				CONSULTING FIRM: <u>Stantec</u>			
DATE: <u>9/3/25</u>				FIELD PERSONNEL: <u>J. Nair</u>			
WEATHER: <u>76°F</u>							
MONITOR WELL #: <u>MW-25</u>		WELL DEPTH: <u>13.06</u>		SCREENED/OPEN INTERVAL: <u>4 to 19</u>			
WELL PERMIT #:		WELL DIAMETER: <u>2</u> inches		<u>16</u>			
PID/FID READINGS (ppm):				PUMP INTAKE DEPTH: <u>16</u> ft below TOC			
BACKGROUND: <u>—</u>				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>6.84</u> ft below TOC			
BENEATH OUTER CAP: <u>—</u>							
BENEATH INNER CAP: <u>—</u>							

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1340	X		7.25	NA	1.04	NA	38	NA	0.72	NA	23.8	NA	23.90	NA	—	7.38
1345	X		7.22	-0.03	1.08	+0.04	34	-4	0.42	-0.3	14.6	-9.2	22.93	-0.97	—	8.65
1350	X		7.20	-0.02	1.09	+0.01	38	+4	0.56	+0.14	3.2	-11.4	23.37	+0.44	—	9.80
1355	X		7.20	—	1.05	-0.04	39	+1	0.35	-0.21	5.5	+2.3	23.77	+0.40	—	10.82
1400	X		7.21	+0.01	1.00	-0.05	34	-5	0.38	+0.03	7.5	+2.0	23.77	—	—	12.02
1405	X		7.21	—	0.986	-0.014	29	-5	0.52	+0.14	7.1	-0.4	23.55	-0.22	—	12.95
1410	X		7.23	+0.02	0.999	+0.013	25	-4	1.05	+0.53	10.3	+3.2	23.29	-0.26	—	13.95
1415	X		7.24	+0.01	0.102	+0.021	24	-1	1.71	+0.66	12.9	+2.6	22.97	-0.34	—	15.38
1420	X		7.25	+0.01	1.05	+0.03	24	—	1.79	+0.08	11.9	-1.0	22.92	-0.05	—	15.75
1425	X		7.27	+0.02	1.11	+0.06	20	-4	2.00	+0.21	10.8	-1.3	22.28	-0.64	—	—

COMMENTS: Sample Time: 1430 Duplicate ~ 4 gallons purged

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature;
± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

* Flow rate reduced

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u>				CONSULTING FIRM: <u>Stantec</u>			
DATE: <u>9/3/25</u>				FIELD PERSONNEL: <u>J. Nair</u>			
WEATHER: <u>76°F, Sunny</u>							
MONITOR WELL #: <u>MW-2D</u>		WELL DEPTH: <u>34.90</u>		SCREENED/OPEN INTERVAL: <u>30 to 35 ft</u>			
WELL PERMIT #:		WELL DIAMETER: <u>2</u> inches					
PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>				PUMP INTAKE DEPTH: <u>32</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>8.34</u> ft below TOC			

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1448	X		7.14	NA	0.490	NA	-34	NA	0.73	NA	10.3	NA	24.50	NA	—	8.50
1453	X		6.92	-0.22	0.632	+0.142	-42	-8	0.15	-0.58	7.7	-2.6	22.17	-2.30	—	8.55
1458	X		6.86	-0.08	0.683	+0.051	-43	-1	0.00	-0.15	7.5	-0.2	21.71	-0.46	—	8.56
1503	X		6.83	-0.03	0.689	+0.006	-41	+2	0.00	—	7.6	+0.1	21.68	-0.03	—	—
1508	X		6.82	-0.01	0.691	+0.002	-40	+1	0.00	—	6.5	-1.1	21.18	-0.50	—	8.54
1513	X		6.81	-0.01	0.687	-0.004	-40	—	0.00	—	5.9	-0.6	21.21	+0.03	—	—
1518	X		6.81	—	0.690	+0.003	-40	—	0.00	—	5.5	-0.4	21.38	+0.17	—	8.58

COMMENTS: Sample Time: 1523

EB-20250903 @ 1535
Equipment Blank

~3 gallons purged

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature;
± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u> DATE: <u>9/3/25</u> WEATHER: <u>62°F, Sunny</u>	CONSULTING FIRM: <u>Stantec</u> FIELD PERSONNEL: <u>J. Nair</u>
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MONITOR WELL #: <u>MW-35</u>	WELL DEPTH: <u>14.50</u>	SCREENED/OPEN INTERVAL: <u>2 to 17 ft</u>
WELL PERMIT #:	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>	PUMP INTAKE DEPTH: <u>9</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>2.35</u> ft below TOC
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TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0803	X		7.28	NA	1.09	NA	-21	NA	0.96	NA	18.1	NA	25.67	NA	—	3.21
0808	X		7.16	-0.12	1.09	—	-60	-39	0.28	-0.68	13.1	-5	25.93	+0.26	—	3.43
0813	X		7.17	+0.01	1.09	—	-73	-13	0.17	-0.11	11.0	-2.1	26.16	+0.23	—	3.62
0818	X		7.17	—	1.09	—	-80	-7	0.11	-0.06	9.4	-1.6	26.29	+0.13	—	—
0823	X		7.17	—	1.09	—	-85	-5	0.07	-0.04	7.8	-1.6	26.58	+0.09	—	3.72
0828	X		7.17	—	1.09	—	-88	-3	0.04	-0.03	6.1	-1.7	26.41	+0.03	—	—
0833	X		7.17	—	1.08	-0.01	-92	-4	0.03	-0.01	5.8	-0.3	26.49	+0.08	—	3.70
0838	X		7.17	—	1.08	—	-94	-2	0.00	-0.03	5.4	-0.4	26.48	-0.01	—	—

COMMENTS:

Sample Time: 0843

~3 gallons purged

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u> DATE: <u>9/3/25</u> WEATHER: <u>67°F, Sunny</u>	CONSULTING FIRM: <u>Stantec</u> FIELD PERSONNEL: <u>J. Nair</u>
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MONITOR WELL #: <u>MW-3D</u>	WELL DEPTH: <u>33.50</u>	SCREENED/OPEN INTERVAL: <u>30 to 35 ft</u>
WELL PERMIT #:	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>	PUMP INTAKE DEPTH: <u>32</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>5.70</u> ft below TOC
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TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0901	X		7.34	NA	1.26	NA	-48	NA	0.79	NA	5.1	NA	23.15	NA	—	7.93
0906	X		7.32	-0.02	1.32	+0.06	-68	-20	0.19	-0.6	1.7	-3.4	20.34	-2.81	—	9.07
0911	X		7.35	-0.03	1.30	-0.02	-79	-11	0.03	-0.16	1.6	-0.1	20.35	+0.01	—	10.30
0916	X		7.36	+0.01	1.29	-0.01	-85	-6	0.00	-0.03	11.3	+9.7	20.25	-0.1	—	11.42
0921	X		7.37	+0.01	1.25	-0.04	-92	-7	0.00	—	30.3	+19	20.13	+0.12	—	12.13
0926	X		7.36	-0.01	1.23	-0.02	-95	-3	0.00	—	22.8	-7.5	20.03	-0.1	—	12.53
0931	X		7.36	—	1.21	-0.02	-97	-2	0.00	—	25.5	+2.7	19.81	-0.16	—	13.02
0936	X		7.36	—	1.20	-0.01	-100	-3	0.00	—	19.8	-5.7	19.79	-0.02	—	13.45
0941	X		7.37	+0.01	1.19	-0.01	-102	-2	0.00	—	16.2	-3.6	19.78	-0.01	—	13.89
0946	X		7.37	—	1.18	-0.01	-103	-1	0.00	—	17.1	+0.9	19.58	-0.2	—	14.18
0951	X		7.37	—	1.17	-0.01	-104	-1	0.00	—	17.0	-0.1	19.51	-0.7	—	—

COMMENTS: <u>Sample Time: 0956</u>	<u>~5 gallons purged</u>
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*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u> DATE: <u>9/3/25</u> WEATHER: <u>69°F, Sunny</u>	CONSULTING FIRM: <u>stantec</u> FIELD PERSONNEL: <u>J. Nair</u>
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MONITOR WELL #: <u>MW-1015</u>	WELL DEPTH: <u>21.13</u>	SCREENED/OPEN INTERVAL: <u>11 to 21 ft</u>
WELL PERMIT #: _____	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>	PUMP INTAKE DEPTH: <u>16</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>10.36</u> ft below TOC
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TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1039	X		7.13	NA	2.65	NA	59	NA	7.84	NA	14.5	NA	22.19	NA	—	11.68
1044	X		7.09	-0.04	2.60	-0.05	55	-4	2.47	-5.37	6.6	-7.9	22.03	-0.16	—	12.88
1049	X		7.08	-0.01	2.51	-0.09	53	-2	2.47	—	3.1	-3.5	22.04	+0.01	—	13.17
1054	X		7.09	+0.01	2.58	+0.07	52	-1	2.38	-0.09	1.0	-2.1	21.89	-0.15	—	12.30
1059	X		7.10	+0.01	2.62	+0.04	52	—	2.33	-0.05	0.6	-0.4	21.77	-0.12	—	12.75
1104	X		7.10	—	2.62	—	52	—	2.26	-0.07	0.4	-0.2	21.74	-0.03	—	12.89
1109	X		7.11	+0.01	2.62	—	54	+2	2.43	+0.17	0.7	+0.3	21.73	-0.01	—	—

COMMENTS: <u>Sample Time: 1114</u>	<u>~ 3 gallons purged</u>
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*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u>	CONSULTING FIRM: <u>Stantec</u>
DATE: <u>9/3/25</u>	FIELD PERSONNEL: <u>J. Nair</u>
WEATHER: <u>72°F Mostly Sunny</u>	

MONITOR WELL #: <u>MW-101B</u>	WELL DEPTH: <u>46.10</u>	SCREENED/OPEN INTERVAL: <u>40 to 45 ft</u>
WELL PERMIT #:	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm):	BACKGROUND: <u>—</u>	PUMP INTAKE DEPTH: <u>43</u> ft below TOC
	BENEATH OUTER CAP: <u>—</u>	DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>12.91</u> ft below TOC
	BENEATH INNER CAP: <u>—</u>	

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1122	X		7.11	NA	1.20	NA	-23	NA	2.92	NA	32.5	NA	21.33	NA	—	12.95
1127	X		7.15	+0.04	1.16	+0.04	-66	-43	2.14	-0.68	27.0	-5.5	20.86	-0.47	—	12.98
1132	X		7.17	+0.02	1.15	-0.01	-82	-16	1.91	-0.23	31.4	+4.4	20.53	-0.32	—	—
1137	X		7.16	-0.01	1.14	-0.01	-89	-7	1.71	-0.20	20.3	-11.1	20.52	-0.01	—	13.02
1142	X		7.16	—	1.14	—	-92	-3	1.59	-0.12	15.0	-5.3	20.48	-0.04	—	—
1147	X		7.16	—	1.13	-0.01	-95	-3	1.44	-0.15	14.7	-0.3	20.44	-0.04	—	12.98
1152			7.16	—	1.13	—	-97	-2	1.30	-0.14	14.0	-0.7	20.41	-0.03	—	—

COMMENTS: Sample Time: 1157

~ 4 gallons
purged

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature;
± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone (Queens, NY)</u> DATE: <u>9/2/25</u> WEATHER: <u>73°F, Mostly Sunny</u>	CONSULTING FIRM: <u>Stantec</u> FIELD PERSONNEL: <u>J. Nair</u>
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MONITOR WELL #: <u>MW-1025</u>	WELL DEPTH: <u>21.68</u>	SCREENED/OPEN INTERVAL: <u>11 to 21 ft</u>
WELL PERMIT #: _____	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>	PUMP INTAKE DEPTH: <u>16</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>8.10</u> ft below TOC
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TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		* PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1200	X		7.10	NA	126 0.844	NA	126	NA	1.33	NA	63.1	NA	21.52	NA	—	10.58
1205	X		7.00	-0.10	0.832	-0.012	120	-6	0.71	-0.62	42.0	-21.1	21.44	-0.08	—	11.04
1210	X		7.04	+0.04	0.800	-0.032	105	-15	0.90	+0.19	40.0	-2.0	21.39	-0.05	—	11.42
1215	X		7.02	-0.02	0.803	+0.003	79	-26	1.02	+0.12	43.4	+3.4	21.29	-0.10	—	11.75
1220	X		7.00	-0.02	0.844	+0.041	60	-19	0.87	-0.15	35.7	-7.7	20.82	-0.47	—	12.02
1225	X		6.97	-0.03	0.903	+0.059	47	-13	0.71	-0.16	32.3	-3.4	20.74	-0.08	—	12.18
1230	X		6.96	-0.01	0.925	+0.022	41	-6	0.67	-0.04	33.5	+1.2	20.66	-0.08	—	12.42
1235	X		6.95	-0.01	0.939	+0.014	36	-5	0.62	-0.05	33.3	-0.2	20.56	-0.08	—	—

COMMENTS: Sample Time: 1240 * ~ 1/4 gallon every ~ 5 minutes

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: 9/2/25 Whitestone
DATE: Whitestone
WEATHER: 75°F Mostly Sunny
CONSULTING FIRM: Stantec
FIELD PERSONNEL: J. Nair

MONITOR WELL #: MW-102D WELL DEPTH: 34.3 SCREENED/OPEN INTERVAL: 30 to 35
WELL PERMIT #: WELL DIAMETER: 2 inches 33

PID/FID READINGS (ppm): BACKGROUND: PUMP INTAKE DEPTH: 34.3 ft below TOC
BENEATH OUTER CAP: DEPTH TO WATER BEFORE PUMP INSTALLATION: 12.28 ft below TOC
BENEATH INNER CAP:

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1252	X		7.09	NA	0.838	NA	-58	NA	1.12	NA	0.0*	NA	21.13	NA	—	12.99
1257	X		7.22	+0.13	0.744	-0.094	-64	-6	0.04	-1.08	0.0*	—	19.01	-2.12	—	12.91
1302	X		7.31	+0.09	0.715	-0.029	-61	+3	0.00	-0.04	0.0*	—	18.85	-0.16	—	12.94
1315 1340	X		7.08	-0.23	0.854	-0.139	-38	+23	1.09	+1.09	393	+393	19.66	+0.81	—	—
1320	X		7.00	-0.08	0.780	-0.074	-73	-35	0.05	-1.04	0.0*	—	18.99	-0.77	—	12.89
1325	X		7.35	+0.35	0.729	-0.051	-74	-1	0.00	-0.05	0.0*	—	18.81	-0.18	—	—
1330	X		7.38	+0.03	0.727	+0.002	-69	+5	0.00	—	0.0*	—	18.75	-0.06	—	12.95
1335	X		7.38	—	0.733	+0.006	-66	+3	0.00	—	0.0*	—	18.70	-0.05	—	—

COMMENTS: Sample Time: 1340 * GW is visibly brown (muddy/silty) may have overwhelmed the sensor

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

Note: unable to reach the tubing in the well → used new tubing and worked around the old

@1306 stop to clean out Horiba and raise tubing about 1ft out of mud

water is visibly less silty but sensor is still overwhelmed at this point

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 2

SITE: <u>Whitestone</u> DATE: <u>9/2/25</u> WEATHER: <u>75°F, Sunny</u>	CONSULTING FIRM: <u>Stantec</u> FIELD PERSONNEL: <u>J. Nair</u>
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MONITOR WELL #: <u>MW-103D</u>	WELL DEPTH: <u>36.80</u>	SCREENED/OPEN INTERVAL: <u>33 to 38</u>
WELL PERMIT #:	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: <u>—</u> BENEATH OUTER CAP: <u>—</u> BENEATH INNER CAP: <u>—</u>	PUMP INTAKE DEPTH: <u>35.5</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>7.49</u> ft below TOC
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TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1431	X		7.12	NA	0.628	NA	-70	NA	2.00	NA	0.0*	NA	19.61	NA	—	7.72
1436	X		6.94	-0.18	0.762	+0.134	-75	-5	1.30	-0.70	488	—	18.68	-0.93	—	7.76
1441	X		6.96	+0.02	0.802	+0.040	-81	-6	1.66	+0.36	263	-225	18.48	-0.20	—	—
1446	X		6.94	-0.02	0.845	+0.043	-85	-4	0.92	-0.74	191	-72	18.31	-0.17	—	7.76
1451	X		6.93	-0.01	0.884	+0.039	-88	-3	0.80	-0.12	123	-68	18.24	-0.07	—	—
1456	X		6.93	—	0.911	+0.027	-89	-1	0.72	-0.08	127	+4	18.22	-0.02	—	7.78
1501	X		6.92	-0.01	0.921	+0.010	-91	-2	0.57	-0.15	47.4	-79.6	18.17	-0.05	—	—
1506	X		6.93	+0.01	0.933	+0.012	-92	-1	0.47	-0.1	32.5	-14.9	18.07	-0.10	—	7.79
1511	X		6.92	-0.01	0.942	+0.009	-93	-1	0.27	-0.2	28.1	-4.4	18.06	-0.01	—	—
1516	X		6.95	+0.03	0.958	+0.016	-96	-3	0.13	-0.14	21.6	-6.5	17.96	-0.10	—	7.80
1521	X		6.95	—	0.959	+0.001	-97	-1	0.00	-0.13	19.7	-1.9	17.95	-0.01	—	—

COMMENTS: Sample Time: 1541

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

* Sensor may have been overwhelmed (Horiba was cleaned prior to start)

LOW FLOW SAMPLING DATA SHEET

SHEET 2 OF 2

SITE: Whitestone CONSULTING FIRM: Stantec
DATE: 9/2/25 FIELD PERSONNEL: J. Nair
WEATHER: Sunny, 75°F

MONITOR WELL #: MW-103D WELL DEPTH: 36.80 SCREENED/OPEN INTERVAL: _____
WELL PERMIT #: _____ WELL DIAMETER: _____ inches

PID/FID READINGS (ppm): BACKGROUND: — PUMP INTAKE DEPTH: 35.5 ft below TOC
BENEATH OUTER CAP: — DEPTH TO WATER BEFORE PUMP INSTALLATION: 7.49 ft below TOC
BENEATH INNER CAP: —

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1521	X		6.95	NA	0.959	NA	-97	NA	0.000	NA	19.7	NA	17.95	NA	—	—
1526	X		6.95	—	0.964	+0.005	-98	-1	0.00	—	10.8	-8.9	17.97	+0.02	—	7.78
1531	X		6.95	—	0.968	+0.004	-99	-1	0.00	—	10.3	-0.05	17.95	-0.02	—	—
1536	X		6.95	—	0.971	+0.003	-99	—	0.00	—	10.1	-0.02	17.93	-0.02	—	7.76

COMMENTS: Sample Time: 1541 ~ 6 gallons purged total

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u>				CONSULTING FIRM: <u>Stantec</u>			
DATE: <u>9/4/25</u>				FIELD PERSONNEL: <u>J. Nair</u>			
WEATHER: <u>76°F, Sunny</u>							
MONITOR WELL #: <u>MW-1135</u>		WELL DEPTH: <u>19.72</u>		SCREENED/OPEN INTERVAL: <u>5 to 20 ft</u>			
WELL PERMIT #:		WELL DIAMETER: <u>2</u> inches					
PID/FID READINGS (ppm):				PUMP INTAKE DEPTH: <u>10.5</u> ft below TOC			
BACKGROUND: <u>—</u>				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>8.91</u> ft below TOC			
BENEATH OUTER CAP: <u>—</u>							
BENEATH INNER CAP: <u>—</u>							

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1136	X		7.84	NA	0.377	NA	37	NA	5.33	NA	219	NA	21.93	NA	—	9.55
1141	X		7.36	-0.48	0.380	+0.003	65	+28	4.16	-1.17	133	-36	20.87	-1.06	—	9.56
1146	X		7.23	-0.13	0.390	+0.010	74	+9	2.99	-1.17	96.2	-36.8	20.52	-0.35	—	9.58
1151	X		7.15	-0.08	0.403	+0.013	79	+5	2.19	-0.80	83.6	-12.6	20.28	-0.24	—	9.64
1156	X		7.10	-0.05	0.418	+0.015	82	+3	1.63	-0.56	68.6	-15	20.19	-0.09	—	9.66
1201	X		7.05	-0.05	0.438	+0.020	84	+2	1.25	-0.38	50.6	-18	20.13	-0.06	—	9.65
1206	X		7.02	-0.03	0.463	+0.025	86	+2	0.91	-0.34	32.5	-17.8	20.07	-0.06	—	9.68
1211	X		7.01	-0.01	0.480	+0.17	87	+1	0.76	-0.15	28.6	-3.9	20.07	—	—	9.75
1216	X		7.00	-0.01	0.489	+0.09	88	+1	0.69	-0.07	25.0	-3.6	20.07	—	—	9.70
1221	X		6.99	-0.01	0.497	+0.08	89	+1	0.66	-0.03	22.8	-2.2	20.07	—	—	9.74
1226	X		6.98	-0.01	0.507	+0.10	89	—	0.61	-0.05	20.8	-2.0	20.03	—	—	9.75

COMMENTS: sample Time: 1231 ~4 gallons purged

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature;
± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: <u>Whitestone</u> DATE: <u>9/4/25</u> WEATHER: <u>MW 77°F, Sunny</u>	CONSULTING FIRM: <u>Stantec</u> FIELD PERSONNEL: <u>J. Naif</u>
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MONITOR WELL #: <u>MW-113D</u>	WELL DEPTH: <u>19.72</u>	SCREENED/OPEN INTERVAL: _____
WELL PERMIT #: _____	WELL DIAMETER: <u>2</u> inches	

PID/FID READINGS (ppm): BACKGROUND: _____ BENEATH OUTER CAP: _____ BENEATH INNER CAP: _____	PUMP INTAKE DEPTH: <u>17.5</u> ft below TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>8.91</u> ft below TOC
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TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1252	X		7.07	NA	0.559	NA	119	NA	0.57 92.9	NA	92.9	NA	20.16	NA	—	9.37
1257	X		6.99	-0.08	0.554	-0.005	122	+3	0.27	-0.3	85.6	-7.3	19.97	-0.19	—	9.05
1302	X		6.98	-0.01	0.556	+0.002	120	-2	0.16	-0.11	77.4	-8.2	20.02	+0.05	—	—
1307	X		6.96	-0.02	0.564	+0.008	119	-1	0.13	-0.03	72.5	-4.9	20.01	-0.01	—	9.81
1312	X		6.94	-0.02	0.571	+0.007	118	-1	0.15	+0.02	67.8	-4.7	20.05	+0.04	—	9.91
1317	X		6.94	—	0.574	+0.003	118	—	0.14	-0.01	40.3	-17.5	20.03	-0.02	—	9.85
1322	X		6.93	-0.01	0.581	+0.007	118	—	0.11	-0.03	56.5	+16.2	19.98	-0.05	—	9.90
1327	X		6.93	—	0.588	+0.007	117	-1	0.09	-0.02	26.1	-30.4	20.00	+0.02	—	9.90
1332	X		6.93	—	0.597	+0.009	117	—	0.07	-0.02	33.3	+7.2	20.06	+0.06	—	9.88
1337	X		6.92	-0.01	0.603	+0.006	117	—	0.06	-0.01	31.1	-2.2	20.04	+0.02	—	9.89
1342			6.92	—	0.606	+0.003	117	—	0.05	-0.01	28.1	-3.0	20.04	—	—	9.90

COMMENTS: <u>Sample Time = 1347</u>	<u>~6 gallons purged</u>
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*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; $\pm 3\%$ for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and $\pm 10\%$ for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: Whitestone CONSULTING FIRM: Stantec
DATE: 9/4/25 FIELD PERSONNEL: J. Nair
WEATHER: 65°F, Sunny

MONITOR WELL #: MW-201D WELL DEPTH: 39.75 SCREENED/OPEN INTERVAL: 34-39ft
WELL PERMIT #: _____ WELL DIAMETER: 2 inches

PID/FID READINGS (ppm): BACKGROUND: _____ PUMP INTAKE DEPTH: 36 ft below TOC
BENEATH OUTER CAP: _____ DEPTH TO WATER BEFORE PUMP INSTALLATION: 13.13 ft below TOC
BENEATH INNER CAP: _____

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0810	X		7.15	NA	0.921	NA	8	NA	1.82	NA	9.9	NA	20.99	NA	—	13.24
0815	X		7.10	-0.05	0.990	+0.069	-32	-40	0.44	-1.38	10.0	+0.1	20.01	-0.98	—	13.30
0820	X		7.10	—	1.01	+0.02	-43	-11	0.21	-0.23	10.5	+0.5	19.65	-0.36	—	13.26
0825	X		7.10	—	1.02	+0.01	-51	-8	0.07	-0.14	12.5	+2.0	19.48	-0.17	—	13.24
0830	X		7.10	—	1.02	—	-55	-4	0.00	-0.07	11.9	-0.6	19.38	-0.10	—	13.24
0835	X		7.10	—	1.03	+0.01	-59	-4	0.38	+0.38	11.2	-0.7	19.28	-0.10	—	13.24
0840	X		7.10	—	1.03	—	-61	-2	0.35	-0.03	11.6	-0.4	19.22	-0.06	—	—
0845	X		7.11	+0.01	1.04	+0.01	-64	-3	0.32	-0.02	10.6	-1	19.08	-0.14	—	13.26

COMMENTS: Sample Time: 0850

~4 gallons purged

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

Unable to reach old tubing in well (slipped too far down pvc casing)