2840 ATLANTIC AVENUE SITE
2840 ATLANTIC AVENUE
BROOKLYN, NEW YORK 11207
NYSDEC BCP NUMBER: C224255

PERIODIC REVIEW REPORT
JANUARY 2023 – JUNE 2024

PREPARED FOR:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 11218

PREPARED ON BEHALF OF:

Empire State Dairy LLC
3611 14th Avenue
Brooklyn, New York 11218

PREPARED BY:

P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, New York 11716
Phone: 631-589-6353

Ryan Morley, PG, Project Manager — RyanM@PWGrosser.com
Erik Dee-Olsen, PE, Remedial Engineer — EDeeOlsen@PWGrosser.com

PWGC Project Number: ZDG2402

SEPTEMBER 2024

SEPTEMBER 2024 PERIODIC REVIEW REPORT
2840 ATLANTIC AVENUE, BROOKLYN, NEW YORK 11207

TABLE OF CONTENTS PAGE

FIGURES

TABLES

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

APPENDICES

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

1.0 INTRODUCTION AND SITE HISTORY

P.W. Grosser Consulting Engineer & Hydrogeologist, PC (PWGC) has prepared the following Periodic Review Report (PRR) to document compliance with engineering controls/institutional controls (EC/ICs) as specified in the New York State Department of Environmental Conservation's (NYSDEC) approved December 2022 Site Management Plan (SMP) for the 2840 Atlantic Avenue Site, site located at 2840 Atlantic Avenue in Brooklyn, New York (hereinafter referred to as the "Site"). This PRR documents groundwater sampling, Light Non-Aqueous Phase Liquid (LNAPL) removal events, and inspection events from January 1, 2023, to June 30, 2024. The Site is currently listed in the NYSDEC's Brownfield Cleanup Program (BCP) as Site No. 224255.

1.1. Site Description and History

The 1.0009-acres Site is located in the East New York neighborhood of Brooklyn, New York and is identified as Block 3964 and Lot 8 on the New York City Tax Map. A Site location map is included as **Figure 1**. The property is currently under construction to complete a redevelopment of the landmarked Empire State Dairy Factory building on Atlantic Avenue into both a school/commercial building with three above-ground floors and one partial basement level, and a 12-story multi-family residential building with two basement-levels used for parking set back from Atlantic Avenue with frontage on Schenck Avenue and Barbey Street. A Site Plan is included as **Figure 2.**

The former Empire State Dairy Site was previously utilized as a lumber yard, a dairy and food products manufacturing facility from 1908 until the mid to late 1970s, and a plastics and floor tile products manufacturing facility from the 1980s to 2016. Environmental investigations conducted in 2018 and 2019 identified subsurface impact at the site consisting of the following:

- Impacted soil across the site from grade to a depth of five feet below grade associated with historical site usage.
- #4 fuel oil impacted soil and groundwater on the eastern side of the site associated with the presence of a 20,000-gallon fuel oil underground storage tank (UST).
- Impacts to soil vapor beneath the landmark building stemming from an unidentified off-site source.

Remedial activities performed in 2021 and 2022 as part of the Site's enrollment into the BCP included the removal of impacted soils, removal of USTs, installation of a network of recovery wells to facilitate the removal of free product (aka: LNAPL) from the groundwater, the construction of a cover system, and the installation of the subterranean components of a sub-slab depressurization system (SSDS) beneath the landmark building.

A Track 1 cleanup was accomplished across the majority of the site where no engineering controls and institutional controls are assigned, with the exception of the SSDS beneath the landmark building. The activation of this SSDS is pending a soil vapor intrusion assessment. A Track 4 cleanup was accomplished on a portion of the eastern side of the site where remaining contamination is present. Engineering controls and institutional controls have been applied to this "Track 4" area to address the remaining contamination. A site plan that illustrates the locations of the cleanup tracks achieved at the site is included as **Figure 3.**

For a detailed description of historic environmental Site activities, please refer to the Final Engineering Report dated December 2022 prepared by PWGC and approved by NYSDEC. The December 2022 SMP, prepared by PWGC and approved by NYSDEC, is the current governing document assigned to the Site to address Remaining Contamination. This Periodic Review Report was prepared in accordance with the December 2022 SMP.

2.0 ENGINEERING/INSTITUTIONAL CONTROLS AND REMAINING CONTAMINATON

2.1. Engineering Controls

The three engineering controls which have been assigned to the Site are as follows:

1. Cover system in the "Track 4" area.
2. Network of four recovery wells, RW-1. RW-2. RW-3, and RW-4, in the "Track 4" area which will service Light Non-Aqueous Phase Liquid (LNAPL) removal methods.

   There is also a network of three monitoring wells, MW-1 and MW-2 which are located downgradient of the "Track 4" area, and MW-3 which is located upgradient of the "Track 4" area. MW-3 was installed as a post-remedial requirement of the December 2022 SMP on May 1, 2023. MW-1 and MW-2 were installed during the remedial phase of the project along with the recovery wells.

3. SSDS below the landmark building. Activation of the SSDS is to be determined after soil vapor evaluation, tentatively scheduled to be performed in December 2024.

The locations of the recovery wells and monitoring wells are illustrated on **Figure 4** and "Track 4" area cover system and SSDS piping layout is illustrated on **Figure 5.** The construction logs for the recovery wells and monitoring wells are included as **Appendix A**. The professional engineer certified as-builts for the cover system and SSDS are included in **Appendix B**.

2.2. Institutional Controls

The primary institutional control for the Site is that the "Track 4" area is limited to restricted-residential, commercial, and/or industrial purposes. Further details regarding the institutional controls assigned to the Site by NYSDEC are included in the Environmental Easement which is included as an attachment in the December 2022 SMP.

2.3. Remaining Contamination

2.3.1. Soil/Fill

Following remedial activities, end-point sample results demonstrated that soils at the Site meet Unrestricted Use Soil Cleanup Objectives, including within the "Track 4" area beneath the former fuel oil UST. The soils at the terminal excavation depth of 25 feet below grade in the former UST area contained petroleum odors and photoionization detector (PID) readings ranging from 2 parts-per-million (ppm) to approximately 12 ppm.

The Site cover system in place in the "Track 4" area prevents direct contact with soils with petroleum odors. The location of the 'Track 4" area is illustrated on **Figure 3**.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

2.3.2. *Groundwater*

Groundwater impact at the Site is concentrated to the "Track 4" area on the eastern portion of the Site where the former 20,000-gallon fuel oil UST was located. Impact to groundwater consists of the presence of LNAPL and to a lesser extent dissolved phase petroleum VOCs. This residual groundwater impact is being addressed via LNAPL recovery from the four recovery wells. The extent and potential of migration of LNAPL in the groundwater is monitored via the network of three monitoring wells. The locations of the recovery wells and monitoring wells are illustrated on **Figure 4**. The construction logs for the recovery wells and monitoring wells are included as **Appendix A**.

Outside of the "Track 4" area, groundwater impact consisted of low-level concentrations of SVOCs, metals, PCBs greater than ambient groundwater quality standards (AWQS) and PFAS at concentrations greater than the United States Environmental Protection Agency (USEPA) drinking water advisory level and State Drinking Water Maximum Contaminant Levels (MCLs), which is typical for groundwater quality in an urban area such as Brooklyn and are not indicative of an on-site point source of impact at levels which requires remediation.

2.3.3. *Soil Vapor*

During the subsurface investigations in 2019, elevated concentrations of PCE and TCE were detected in sub-slab soil vapor samples beneath the landmark building on the northern portion of the property. TCE and PCE were not identified in soil samples or groundwater samples collected from the site and the subject property is unlikely to have been the source of the PCE/TCE soil vapor impact. The presence of PCE and TCE in soil vapor is likely emanating from an off-Site source. To mitigate against soil vapor intrusion, a vapor barrier system was installed beneath the landmark building and under the foundations of the new building, as well as SSDS piping beneath the landmark building which can be activated based on future indoor air sampling results. The SSDS, if activated, will be considered an engineering control for the site to mitigate vapor intrusion from unidentified off-site sources. The vapor barrier which has been installed beneath the site is considered a best construction practice and resiliency measure and not an engineering control.

The activation of the SSDS is contingent on the results of a soil vapor intrusion survey, the protocols of which are detailed in the December 2022 SMP. As of the date of this report, the soil vapor intrusion survey has not been conducted as construction of the building has yet to be completed and the survey is to be performed during the "heating season" as per New York State Department of Health guidance. The soil vapor intrusion survey is anticipated to be conducted in December 2024.

The site cover system and SSDS piping layout is illustrated on **Figure 5,** and the As-Built drawings for the SSDS and site cover system is included in **Appendix B**.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

3.0 GROUNDWATER MONTIORING AND SAMPLING

Groundwater monitoring and gauging was conducted on a monthly basis during this reporting period for each of the recovery wells and monitoring wells on site and quarterly groundwater sampling was conducted in July 2023, September 2023, December 2023, March 2024, and June 2024.

The monitoring wells and recovery wells at the site are itemized below:

- Monitoring Wells:
  - MW-1: Located downgradient of the "Track 4" area in the basement level of the site. This well screened at a depth of 10 to 20 feet below basement grade, approximately 30-40 feet below ground level.
  - MW-2: Located downgradient of the "Track 4" area in the basement level of the site. This well screened at a depth of 10 to 20 feet below basement grade, approximately 30-40 feet below ground level.
  - MW-3: Located upgradient of the "Track 4" on the eastern sidewalk along Barbey Street. This well is screened at a depth of 30 to 40 feet below grade.

- Recovery Wells:
  - RW-1, RW-2, RW-3, and RW-4 are located within the "Track 4" area in the basement level of the site. These wells are screened at a depth of 10 to 20 feet below basement level, approximately 30 to 40 feet below ground level.

Each of the monitoring wells are two-inch diameter and each of the recovery wells are six-inch diameter. Each of the monitoring wells and recovery wells are screened at a depth of intersecting the typical water table depth of approximately 34 feet below grade. A site plan illustrating the location of the monitoring wells and recovery wells is included as **Figure 4**.

3.1. Monitoring Well and Recovery Well Gauging

Groundwater monitoring consisted of measuring depth to water and depth to product (LNAPL) measurements, if observed, for the monitoring wells and recovery wells at the site. Monitoring wells were gauged on a monthly basis and recovery wells were gauged during vacuum enhanced fluid recovery (VEFR) events. Groundwater monitoring data is summarized on **Table 1**, and recovery well monitoring data is summarized on **Table 2**. Water levels were collected using a Solinst Oil / Water Interface Probe. Groundwater sampling was performed in accordance with the site-specific SMP. As of the date of this report, the onsite wells have yet to be measured for casing elevations due to the ongoing construction activity. Based on previous environmental assessments performed at the site, groundwater flows in a south-southwesterly direction.

Based on gauging readings recorded during this reporting period, LNAPL was observed in the four recovery wells during each of the 47 recovery well gauging events. LNAPL thickness was typically unable to be accurately recorded due to the viscous texture of the #4 oil. However, when thickness is able to be recorded, it typically ranges from 0.5 to 1.5 feet in each well. LNAPL has not been observed in the three monitoring wells since gauging activities have begun indicating that the extent of LNAPL in the groundwater is confined to the "Track 4" area.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

3.2. Monitoring Well Sampling

3.2.1. *Monitoring Well Sampling Protocol*

The three monitoring wells at the site, MW-1, MW-2, and MW-3, were sampled on July 21, 2023; September 29, 2023; December 1, 2023; March 29, 2024; and June 25, 2024. Samples were collected utilizing low flow purging and sampling procedures outlined in the United States Environmental Protection Agency (USEPA) Standard Operating Procedures (SOP) EQASOP-GW001. These monitoring wells were purged using a Peristaltic pump and disposable polyethylene tubing which was replaced prior to sampling each well. During purging, the groundwater parameters pH, temperature, conductivity, oxygen reduction potential, turbidity, and dissolved oxygen were monitored every five minutes with a Horiba U52 water quality instrument. When measurements stabilized in accordance with the USEPA standard operating procedure EQASOP-GW001, purging was completed, and the Horiba was disconnected. The groundwater samples were then collected directly from the tubing and placed in pre-cleaned laboratory-supplied glassware and packed in a cooler on ice. Monitoring well sampling logs are included as **Appendix C.**

Samples were shipped under proper chain-of-custody procedures to York Analytical Laboratories, Inc. (York) or Alpha Analytical Laboratories, Inc., New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratories. The samples were analyzed for the presence of:

- Volatile Organic Compounds (VOCs) by USEPA method 8260, CP-51 List
- Semivolatile Organic Compounds (SVOCs) by USEPA Method 8270, CP-51 List.

Non-disposable sampling equipment (i.e. oil / water interface probe) was decontaminated prior to and between each well by using a distilled water and non-phosphate detergent wash followed by a distilled water rinse. Purged groundwater generated from the monitoring well sampling was temporarily placed in a 55-gallon drum on site and then emptied during the following VEFR events at Advanced Waste and Water Technology in Farmingdale, New York.

3.2.2. *Monitoring Well Sampling Results*

Analytical results for samples collected from the monitoring wells were compared to NYSDEC Ambient Water Quality Standards (AWQS). Analytical results for each of the five sampling events did not yield concentrations of VOCs greater than AQWS at each of the three monitoring wells. Analytical results for July 21, 2023; December 1, 2023; March 29, 2024; and June 25, 2024 did not yield concentrations of SVOCs greater than AWQS at each of the three monitoring wells. Analytical results for MW-2 on September 29, 2023, yielded concentrators of SVOCs benzo(a)anthracene, benzo(a)pyrene, and chrysene greater than AWQS. However, these SVOC compounds are most likely attributable to regional conditions due to the extensive presence of historic fill material in the area and not from petroleum impacts emanating from the "Track 4" area. Analytical results for SVOCs on September 29, 2023, at MW-1 and MW-3 did not yield concentrations of SVOCs greater than AWQS.

Based on these results, it does not appear that petroleum impacts are migrating outside of the "Track 4" area.

Analytical results are summarized on **Tables 3, 4 and 5**. The complete analytical data reports are included as **Appendix D**.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

3.2.3. *Quality Assurance / Quality Control*

QA/QC for the groundwater sampling event included the following ASP-B protocols, including the analysis of a trip blank, the collection and analysis of a blind duplicate, a field blank, a matrix spike sample, and a matrix spike duplicate. The accuracy, precision, and completeness requirements were addressed by the laboratory for the data generated. York indicated in an analytical narrative report of the sampling that the samples were received in accordance with the chain of custody and no significant deviations were encountered during the preparation or analysis.

The sampling results were submitted to Laboratory Data Consultants (LDC), Inc of Carlsbad, California for a third-party quality assurance evaluation. The data is currently being validated and will be included as **Appendix E** of this report once available.

4.0 LNAPL RECOVERY AND REMOVAL

Continued remedial efforts are required as part of the SMP in order to recover released oil in the groundwater within the "Track 4" area. These efforts included weekly to bi-weekly vacuum enhanced fluid recovery (VEFR) events at the four recovery wells. Brookside Environmental of Copiague, New York was contracted by the property owner to provide vacuum truck and waste transportation services for the VEFR events.

A total of 47 VEFR events were conducted during this reporting period. During each event, LNAPL within the four recovery wells was skimmed as the hose connected to the vacuum truck was slowly lowered into the well. After the LNAPL was skimmed, the hose was lowered into the well to create a drawdown of oil and water around the well to promote the flow of LNAPL towards the screen of the well. A total of 11,746 gallons of LNAPL and oily water was removed from the site during this reporting period. Recovered LNAPL and oily water was disposed of at Advanced Waste and Water Technology, Inc. in Farmingdale, New York.

A table summarizing the gauging data and VEFR's liquid removal volumes for each event is included as **Table 2**. Copies of the liquid disposal manifests for each event are included in **Appendix F**.

5.0 SUB-SLAB DEPRESSUIZATION SYSTEM

As per the requirements of the SMP and decision document issued by NYSDEC, the subterranean components for a Sub-Slab Depressurization System (SSDS) were installed beneath the landmark building. This SSDS may be activated pending the results of a soil vapor intrusion assessment, which has yet to be performed. It is anticipated that the soil vapor intrusion assessment will be conducted in December 2024 in accordance with the protocols outlined in the December 2022 SMP. The results of this assessment will be documented in a Soil Vapor Intrusion Assessment Report which will be provided to NYSDEC for review.

6.0 "TRACK 4" AREA COVER SYSTEM

Direct contact with remaining contamination is prevented with the placement of a cover system in the "Track 4" area of the site. This cover system is composed of concrete building foundations underlain by a waterproof membrane. An inspection of the cover system is required annually as per the December 2022 SMP.

The cover system was inspected during each VEFR event during this reporting period. The cover system appeared to be in good condition and no cracks, gouges, or other indications of damage were observed upon inspection.

7.0 INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS CERTIFACTION

As per the requirements of the December 2022 SMP, compliance with the applicable Institutional Controls (ICs) and Engineering Controls (ECs) has been certified by the remedial engineer and the owner of the site. The certified IC/EC form is included as **Appendix G**.

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1. Conclusions

Based on the findings of the sampling events, VEFR events, and inspection events performed at the site during this reporting period, the following is concluded:

- The cover system in the "Track 4" area remains in good condition as a barrier to prevent direct contact with remaining contamination.
- LNAPL remains present in each of the four recovery wells within the 'Track 4" area.
- The installation of a third, upgradient monitoring well (MW-3) which was issued as a requirement of the December 2022 SMP, was conducted on May 1, 2023.
- Fuel oil impacts are not observed in the three monitoring wells located upgradient and downgradient of the "Track 4" area, indicating that the extent of fuel oil impacts and LNAPL in groundwater is confined to the "Track 4" area.
- The soil vapor intrusion assessment at the landmark building has yet to be conducted. As such, the activation of the SSDS at the landmark building remains pending.

8.2. Recommendations

Based on the findings of this Periodic Review Report, the following recommendations are offered:

- Reduce VEFR events to bi-weekly (every other week).
- Reduce groundwater sampling from quarterly to annually.
- Perform soil vapor intrusion assessment at the landmark building during the upcoming heating season to determine if the SSDS requires activation.
- Perform annual inspection of cover system in "Track 4" area.

The next PRR will document the events from July 1, 2024, to June 30, 2025.

9.0 REFERENCES

6NYCRR Part 375, Environmental Remediation Programs. December 14, 2006.

NYSDEC DER-10 – "Technical Guidance for Site Investigation and Remediation".

NYSDEC, 1998. Ambient Water Quality Standards and Guidance Values and Groundwater

1.1.1. June 1998 (April 2000 addendum).

NYSDEC – MARCH 2021 Decision Document for 2840 Atlantic Avenue – C224255

AMC Engineering, PLLC – March 2020 (Revised January 2021) Remedial Action Work Plan

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

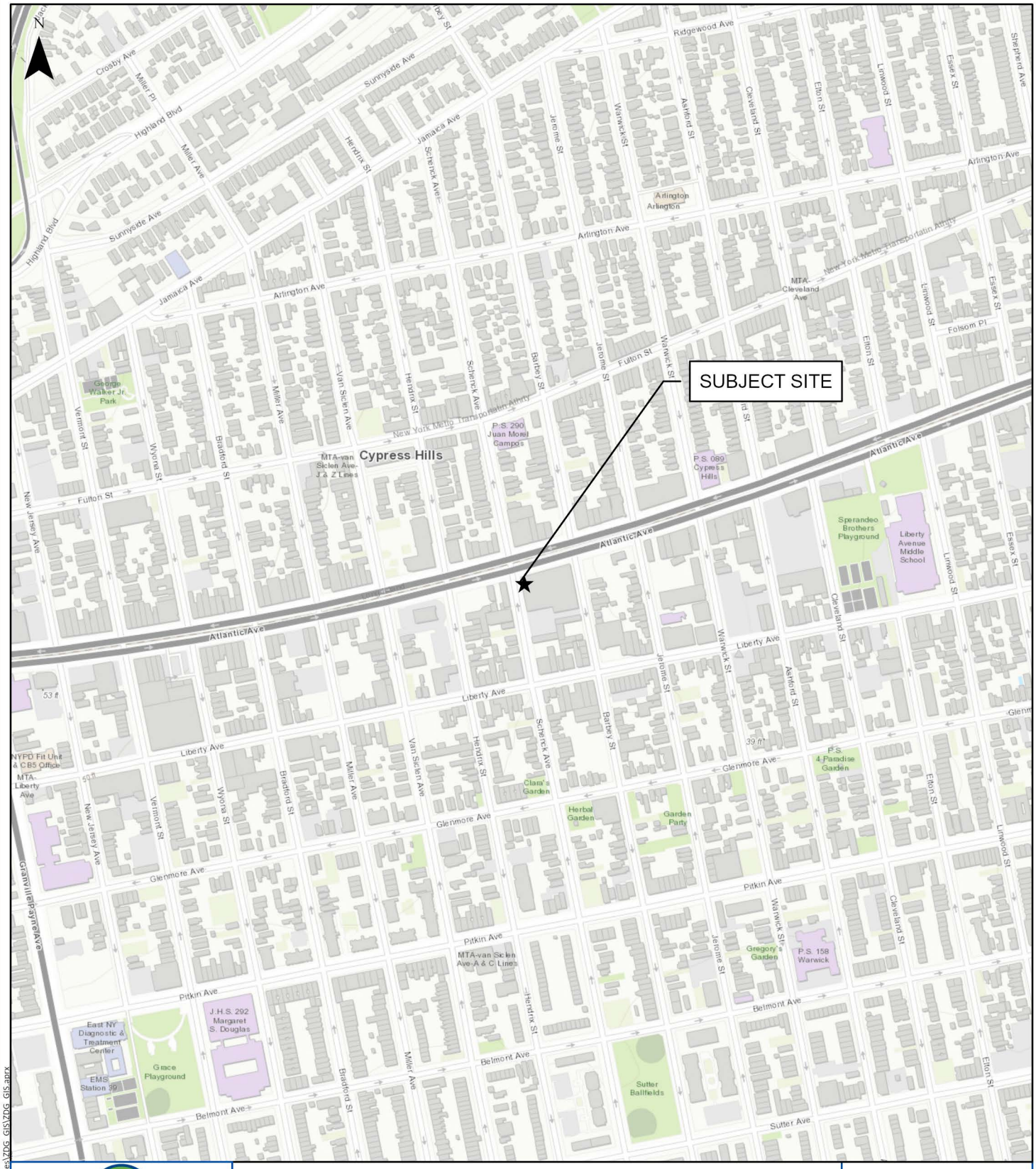
PWGC – December 2022 Final Engineering Report

PWGC – December 2022 Site Management Plan

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

FIGURES

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT



SITE LOCATION

2840 Atlantic Avenue
Brooklyn, NY 11207

0 — ¼ Miles

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

Project:	ZDG2402
Date:	9/6/2024
Designed by:	JP
Drawn by:	AM
Approved by:	JP
Figure No:	1

Document Path: W:\Projects\S-Z\ZDG\2402\map files\ZDG_GIS\ZDG_GIS.aprx

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	ZDG2402	Designed by:	RM
Date:	9/6/2024	Drawn by:	UC
Scale:	AS SHOWN	Approved by:	RM

SITE PLAN

2840 Atlantic Ave,
Brooklyn, NY

FIGURE NO:

2

Document Path: W:\Projects\S-Z\ZDG\2402\map files\ZDG2402.aprx

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	ZDG2402	Designed by:	RM
Date:	9/6/2024	Drawn by:	FT
Scale:	AS SHOWN	Approved by:	RM

SITE PLAN WITH CLEANUP TRACKS

2840 Atlantic Ave,
Brooklyn, NY

FIGURE NO:

3

Document Path: W:\Projects\S-Z\ZDG\2402\map files\ZDG_GIS\ArcProProject\ArcProProject\Excavation Depths.aprx

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	ZDG2402	Designed by:	RM
Date:	9/6/2024	Drawn by:	OA
Scale:	AS SHOWN	Approved by:	RM

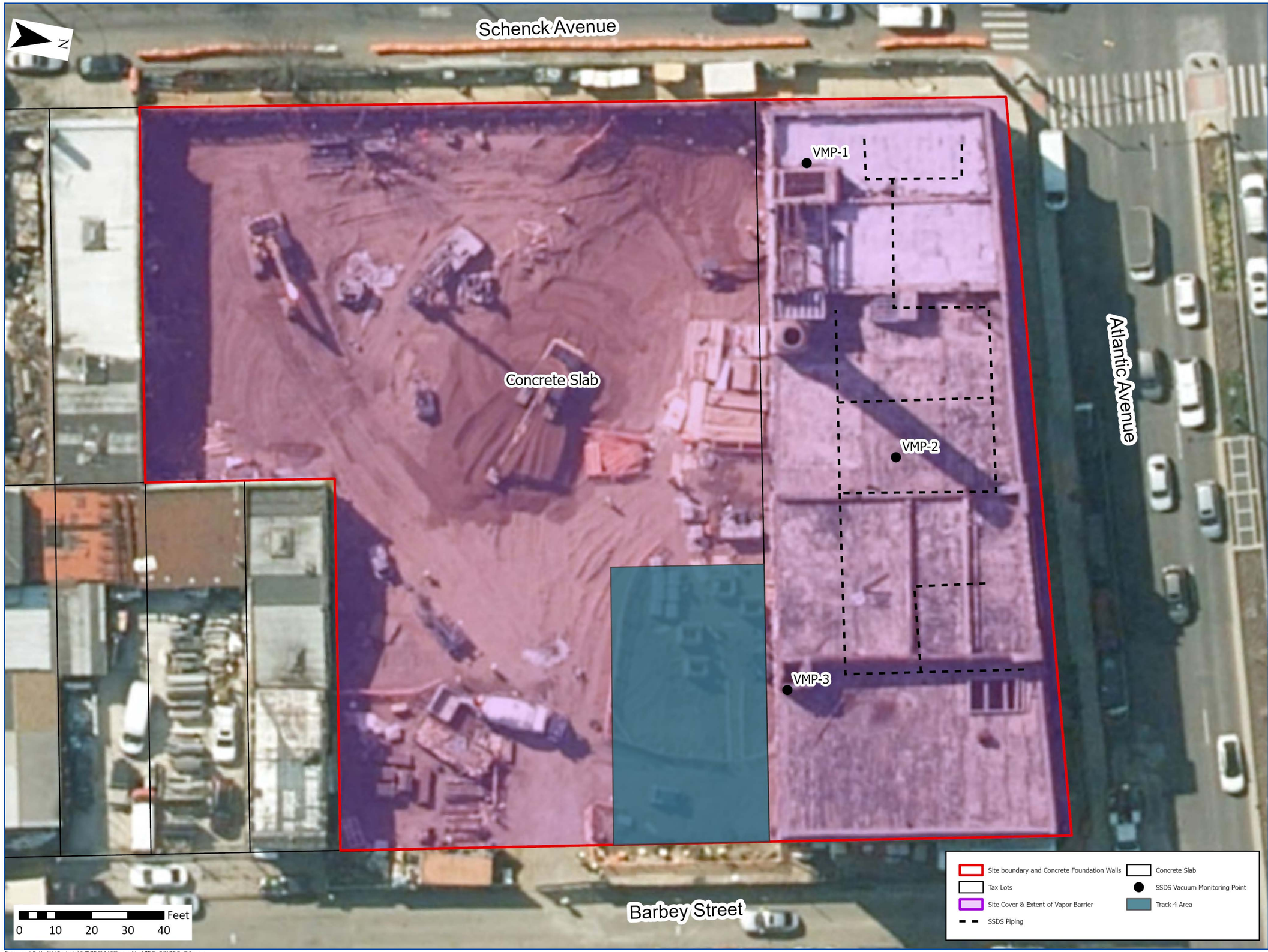
Recovery & Monitoring Well Locations

2840 Atlantic Ave,
Brooklyn, NY

FIGURE NO:

4

Document Path: W:\Projects\S-Z\ZDG\2402\map files\ZDG_GIS\ArcProProject\ArcProProject\ArcProProject.aprx



PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	ZDG2402	Designed by:	JP
Date:	9/6/2024	Drawn by:	AM
Scale:	AS SHOWN	Approved by:	JP

SSDS and Site Cover

2840 Atlantic Avenue
Brooklyn, NY 11207

FIGURE NO:

5

Document Path: W:\Projects\S-Z\ZDG\2402\map files\ZDG_GIS\ZDG_GIS.aprx

TABLES

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

TABLE 1

2840 Atlantic Avenue, Brooklyn, New York

January 2023 to June 2024 Monitoring Well Gauging Data

	MW-1		MW-2		MW-3	
Date	DTP	DTW	DTP	DTW	DTP	DTW
1/4/2023	NO	12.85	NO	12.94	NA	
2/3/2023	NO	12.93	NO	12.99	NA	
3/3/2023	NO	12.73	NO	12.81	NA	
4/14/2023	NO	12.71	NO	12.75	NA	
5/5/2023	NO	12.51	NO	12.63	NO	32.58
6/2/2023	NO	12.57	NO	12.68	NO	32.64
7/21/2023	NO	12.49	NO	12.57	NO	32.51
8/11/2023	Blocked		NO	12.38	NO	32.42
9/29/2023	Blocked		NO	12.31	NO	32.33
10/13/2023	Blocked		NO	12.44	NO	32.58
11/10/2023	NO	12.24	NO	12.37	NO	32.39
12/1/2023	NO	12.19	NO	12.3	NO	32.28
1/5/2024	NO	12.13	NO	12.24	NO	32.21
2/16/2024	NO	11.98	NO	12.14	NO	32.07
3/22/2024	NO	11.91	NO	11.54	NO	31.36
4/5/2024	NO	11.84	NO	11.49	NO	31.31
5/10/2024	NO	12.03	NO	12.16	NO	31.57
6/8/2024	NO	12.08	NO	12.22	NO	31.71

DTP - Depth to Product
DTW - Depth to Water
NA - Not available
NO - Not observed

TABLE 2
2840 Atlantic Avenue, Brooklyn, New York
January 2023 to June 2024 Recovery Well Gauging Data and Product Removal Volumes

	RW-1			RW-2			RW-3			RW-4			VEFR Duration Per Well	Gallons Removed
Date	DTP	DTW	Thickness	DTP	DTW	Thickness	DTP	DTW	Thickness	DTP	DTW	Thickness		
1/4/2023	15.01	16.3	1.29	14.47	20	5.53	14.61	20	5.39	14.26	20	5.74	20 Minues	163
1/13/2023	14.57	17.4	2.83	13.3	20	6.7	13.48	20	6.52	13.96	20	6.04	20 Minues	171
1/20/2023	14.5	14.8	0.3	13.34	13.5	0.16	13.44	13.5	0.06	14.1	14.5	0.4	20 Minues	260
1/27/2023	14.4	20	5.6	13.6	20	6.4	13.2	13.4	0.2	13.93	14.1	0.17	20 Minues	135
2/3/2023	14.3	14.6	0.3	13.08	20	6.92	13.3	13.5	0.2	14	14.3	0.3	20 Minues	110
2/10/2023	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	140
2/17/2023	14.32	20	5.68	13.1	13.4	0.3	13.3	13.65	0.35	13.8	14.4	0.6	20 Minues	115
3/3/2023	14.37	20	5.63	13.05	13.24	0.19	13.35	13.41	0.06	14.02	14.12	0.1	20 Minues	90
3/10/2023	11.75	20	8.25	12.08	20	7.92	13.42	20	6.58	14	20	6	20 Minues	229
3/17/2023	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	218
3/24/2023	14.3	14.6	0.3	13.05	20	6.95	13.62	20	6.38	14.3	20	5.7	20 Minues	248
3/31/2023	14.39	14.74	0.35	13.22	20	6.78	13.78	20	6.22	14.52	20	5.48	20 Minues	236
4/14/2023	14.73	15.93	1.2	13.53	20	6.47	13.95	20	6.05	14.7	20	5.3	20 Minues	167
4/21/2023	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	170
5/5/2023	14.77	20	5.23	13.65	20	6.35	14.02	20	5.98	14.77	20	5.23	20 Minues	150
5/12/2023	14.34	20	5.66	13.15	20	6.85	13.68	20	6.32	14.39	20	5.61	20 Minues	166
5/19/2023	14.25	20	5.75	13	20	7	13.25	20	6.75	13.67	20	6.33	20 Minues	284
6/2/2023	14.32	20	5.68	13.14	20	6.86	13.39	20	6.61	13.82	20	6.18	20 Minues	171
6/9/2023	13.17	14	0.83	13	13.75	0.75	13	13.58	0.58	13.17	13.75	0.58	20 Minues	201
6/23/2023	14.1	20	5.9	13.13	20	6.87	13.28	20	6.72	13.87	20	6.13	20 Minues	292
7/7/2023	14.16	20	5.84	13.22	20	6.78	13.39	20	6.61	14.01	20	5.99	20 Minues	355
7/14/2023	14.24	20	5.76	13.16	20	6.84	13.29	20	6.71	13.85	20	6.15	20 Minues	335
7/21/2023	14.31	20	5.69	13.22	20	6.78	13.36	20	6.64	13.92	20	6.08	20 Minues	175
7/28/2023	14.2	20	5.8	13.02	20	6.98	13.27	20	6.73	14.57	20	5.43	20 Minues	235
8/11/2023	14.31	20	5.69	13.15	20	6.85	13.29	20	6.71	14.62	20	5.38	20 Minues	176
8/18/2023	14.22	20	5.78	13.09	20	6.91	13.17	20	6.83	14.55	20	5.45	20 Minues	326
8/25/2023	14.15	20	5.85	12.97	20	7.03	13.1	20	6.9	13.89	20	6.11	20 Minues	230
9/15/2023	14.02	20	5.98	13.42	20	6.58	13.25	20	6.75	14.11	20	5.89	20 Minues	210
9/22/2023	14.06	20	5.94	13.36	20	6.64	13.33	20	6.67	14.19	20	5.81	20 Minues	180
10/13/2023	13.5	20	6.5	12.8	17	4.2	13	20	7	13.4	17.6	4.2	20 Minues	160
10/27/2023	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	230
11/10/2023	13.86	20	6.14	12.63	20	7.37	12.98	20	7.02	13.61	20	6.39	20 Minues	155
12/8/2023	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	160
12/15/2023	13.9	20	6.1	12.5	20	7.5	13	20	7	13.5	20	6.5	20 Minues	185
12/22/2023	13.83	20	6.17	12.55	20	7.45	12.88	20	7.12	14.18	20	5.82	20 Minues	260
1/5/2024	14	20	6	12.8	20	7.2	13	20	7	13.4	20	6.6	20 Minues	121
1/26/2024	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	135
2/16/2024	13.91	20	6.09	13.74	20	6.26	12.91	20	7.09	12.93	20	7.07	20 Minues	326
3/1/2024	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	396
3/22/2024	14.05	14.95	0.9	12.25	12.3	0.05	12.47	12.95	0.48	13.08	13.95	0.87	20 Minues	630
3/29/2024	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20 Minues	396
4/5/2024	14.11	20	5.89	13.88	20	6.12	14.15	20	5.85	14.34	20	5.66	20 Minues	624
4/12/2024	13.07	20	6.93	11.45	20	8.55	12.09	20	7.91	12.67	20	7.33	20 Minues	385
4/19/2024	12.98	20	7.02	11.26	20	8.74	12.41	20	7.59	12.22	20	7.78	20 Minues	520
5/10/2024	13.24	20	6.76	11.48	20	8.52	12.56	20	7.44	12.49	20	7.51	20 Minues	250
6/7/2024	13.11	20	6.89	11.94	20	8.06	13.04	20	6.96	12.85	20	7.15	20 Minues	445
6/28/2024	13.43	20	6.57	12.31	20	7.69	12.88	20	7.12	13.01	20	6.99	20 Minues	430
													Total Gallons Removed	**11,746**

DTP - Depth to Product
DTW - Depth to Water
NA - Not available
NO - Not observed
DTW of 20 feet indicates oil was detected to the bottom of the well (#4 Oil is viscus and clogs sensors of interface probes)
NM - Not measured

Table 3
Post Remedial Groundwater Analytical Data - VOCs and SVOCs
2840 Atlantic Avenue, Brooklyn, New York
MW-1

Sample ID:	NYSDEC AWQS[1]	MW-1									
Sampling Date:		7/21/2023		9/29/2023	12/1/2023		3/29/2024		6/25/2024	
Lab Sample ID:		23G1333-01			23L0081-03		24C1942-01		24F1731-03	
CP-51 List Volatile Organic Compounds by USEPA Method 8260 in ug/L										
1,2,4-Trimethylbenzene	5	0.31	U	NS	0.31	U	0.31	U	0.31	U
1,3,5-Trimethylbenzene	5	0.35	U	NS	0.347	U	0.347	U	0.347	U
Benzene	1	0.28	U	NS	0.279	U	0.42	J	0.279	U
Ethyl Benzene	5	0.29	U	NS	0.29	U	0.29	U	0.29	U
Isopropylbenzene	5	0.41	U	NS	0.405	U	0.405	U	0.405	U
Methyl tert-butyl ether (MTBE)	10	0.24	U	NS	0.244	U	0.244	U	0.244	U
Naphthalene	10	0.21	U	NS	0.212	U	0.68	J	0.212	U
n-Butylbenzene	5	0.40	U	NS	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.38	U	NS	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.26	U	NS	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	NS	0.58	U	NS	0.578	U	0.578	U	0.578	U
p-Isopropyltoluene	5	0.38	U	NS	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.44	U	NS	0.444	U	0.58		0.444	U
tert-Butylbenzene	5	0.37	U	NS	0.367	U	0.367	U	0.367	U
Toluene	5	0.35	U	NS	0.346	U	0.346	U	0.346	U
Xylenes, Total	5	0.84	U	NS	0.836	U	0.839	U	0.839	U
CP-51 List Semivolatile Organic Compounds by USEPA Method 8270 in ug/L										
2-Methylnapthalene	NS	2.50	U	NS	2.5		2.5	U	2.5	U
Acenaphthene	20	0.05	U	NS	0.05	U	0.05	U	0.05	U
Acenaphthylene	NS	0.05	U	NS	0.05	U	0.05	U	0.05	U
Anthracene	50	0.05	U	NS	0.05	U	0.07		0.05	U
Benzo(a)anthracene	0.002	0.05	U	NS	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	0.002	0.05	U	NS	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	0.002	0.05	U	NS	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	NS	0.05	U	NS	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	0.002	0.05	U	NS	0.05	U	0.05	U	0.05	U
Chrysene	0.002	0.05	U	NS	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	NS	0.05	U	NS	0.05	U	0.05	U	0.05	U
Fluoranthene	50	0.05	U	NS	0.05	U	0.05	U	0.05	U
Fluorene	50	0.05	U	NS	0.05	U	0.05		0.05	U
Indeno(1,2,3-cd)pyrene	0.002	0.05	U	NS	0.05	U	0.05	U	0.05	U
Naphthalene	10	0.10	B	NS	0.05	U	0.1	B	0.95	
Phenanthrene	50	0.08		NS	0.05	U	0.05	U	0.05	U
Pyrene	50	0.05	U	NS	0.05	U	0.17		0.09	

Notes:
[1] New York DEC TOGS - Ambient Water Quality Standards (AWQS)
NA- Not Analyzed
NS- No Standard
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.
Highlighted text denotes concentrations exceeding the NYSDEC AWQS.

TABLE 4
Post Remedial Groundwter Analytical Data - VOCs and SVOCs
2840 Atlantic Avenue, Brooklyn, New York
MW-2

Sample ID:	NYSDEC AWQS[1]	MW-2									
Sampling Date:		7/21/2023		9/29/2023		12/1/2023		3/29/2024		6/25/2024	
Lab Sample ID:		23G1333-01		L2357484-02		23L0081-02		24C1942-02		24F1731-04	
CP-51 List Volatile Organic Compounds by USEPA Method 8260 in ug/L											
1,2,4-Trimethylbenzene	5	0.31	U	2.50	U	0.31	U	0.31	U	0.31	U
1,3,5-Trimethylbenzene	5	0.35	U	2.50	U	0.347	U	0.347	U	0.347	U
Benzene	1	0.28	U	0.50	U	0.279	U	0.279	U	0.279	U
Ethyl Benzene	5	0.29	U	2.50	U	0.29	U	0.29	U	0.31	J
Isopropylbenzene	5	0.41	U	2.50	U	0.405	U	0.405	U	0.405	U
Methyl tert-butyl ether (MTBE)	10	0.24	U	2.50	U	0.244	U	0.244	U	0.244	U
Naphthalene	10	0.21	U	2.50	U	0.212	U	0.212	U	0.212	U
n-Butylbenzene	5	0.40	U	2.50	U	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.38	U	2.50	U	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.26	U	2.50	U	0.261	U	0.261	U	0.27	J
p- & m- Xylenes	NS	0.58	U	2.50	U	0.578	U	0.578	U	1.43	
p-Isopropyltoluene	5	0.38	U	2.50	U	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.44	U	2.50	U	0.63		0.444	U	0.444	U
tert-Butylbenzene	5	0.37	U	2.50	U	0.367	U	0.367	U	0.367	U
Toluene	5	0.35	U	2.50	U	0.346	U	0.346	U	1.14	
Xylenes, Total	5	0.84	U	2.50	U	0.836	U	0.839	U	1.7	
CP-51 List Semivolatile Organic Compounds by USEPA Method 8270 in ug/L											
2-Methylnapthalene	NS	2.50	U	NA		2.5	U	2.5	U	2.5	U
Acenaphthene	20	0.05		0.10	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	NS	0.05	U	0.10	U	0.05	U	0.05	U	0.05	U
Anthracene	50	0.05	U	0.14		0.05	U	0.05	U	0.05	U
Benzo(a)anthracene	0.002	0.05	U	0.05	J	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	0.002	0.05	U	0.02	J	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	0.002	0.05	U	0.10	U	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	NS	0.05	U	0.02	J	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	0.002	0.05	U	0.10	U	0.05	U	0.05	U	0.05	U
Chrysene	0.002	0.05	U	0.03	J	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	NS	0.05	U	0.10	U	0.05	U	0.05	U	0.05	U
Fluoranthene	50	0.05		0.10	U	0.05	U	0.05	U	0.05	U
Fluorene	50	0.05		0.03	J	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	0.002	0.05	U	0.10	U	0.05	U	0.05	U	0.05	U
Naphthalene	10	0.46	B	NA		0.06		0.05	U	0.47	
Phenanthrene	50	0.05	U	0.05	J	0.05	U	0.05	U	0.07	
Pyrene	50	0.16		0.22		0.05	U	0.05	U	0.05	U

Notes:

[1] New York DEC TOGS - Ambient Water Quality Standards (AWQS)

NA- Not Analyzed

NS- No Standard

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.

Highlighted text denotes concentrations exceeding the NYSDEC AWQS.

Table 5
Post Remedial Groundwater Analytical Data - VOCs and SVOCs
2840 Atlantic Avenue, Brooklyn, New York
MW-3

Sample ID:	NYSDEC AWQS[1]	MW-3				
Sampling Date:		7/21/2023	9/29/2023	12/1/2023	3/29/2024	6/25/2024
Lab Sample ID:		23G1333-01	23J0403-03	23L0081-01	24C1942-03	24F1946-03
CP-51 List Volatile Organic Compounds by USEPA Method 8260 in ug/L						
1,2,4-Trimethylbenzene	5	0.31 U	2.50 U	0.31 U	0.31 U	0.31 U
1,3,5-Trimethylbenzene	5	0.35 U	2.50 U	0.347 U	0.347 U	0.347 U
Benzene	1	0.28 U	0.50 U	0.279 U	0.279 U	0.279 U
Ethyl Benzene	5	0.29 U	2.50 U	0.29 U	0.29 U	0.29 U
Isopropylbenzene	5	0.41 U	2.50 U	0.405 U	0.405 U	0.405 U
Methyl tert-butyl ether (MTBE)	10	0.24 U	2.50 U	0.244 U	0.244 U	0.244 U
Naphthalene	10	0.21 U	2.50 U	0.212 U	0.212 U	0.212 U
n-Butylbenzene	5	0.40 U	2.50 U	0.399 U	0.399 U	0.399 U
n-Propylbenzene	5	0.38 U	2.50 U	0.384 U	0.384 U	0.384 U
o-Xylene	5	0.26 U	2.50 U	0.261 U	0.34 J	0.261 U
p- & m- Xylenes	NS	0.58 U	2.50 U	0.578 U	0.77 J	0.578 U
p-Isopropyltoluene	5	0.38 U	2.50 U	0.377 U	0.377 U	0.377 U
sec-Butylbenzene	5	0.44 U	2.50 U	0.444 U	0.444 U	0.444 U
tert-Butylbenzene	5	0.37 U	2.50 U	0.367 U	0.367 U	0.367 U
Toluene	5	0.35 U	2.50 U	0.346 U	1.13	0.346 U
Xylenes, Total	5	0.84 U	2.50 U	0.836 U	1.11 J	0.839 U
CP-51 List Semivolatile Organic Compounds by USEPA Method 8270 in ug/L						
2-Methylnapthalene	NS	2.50 U	0.10 U	2.5 U	2.5 U	2.5 U
Acenaphthene	20	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Acenaphthylene	NS	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Anthracene	50	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Benzo(a)anthracene	0.002	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Benzo(a)pyrene	0.002	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Benzo(g,h,i)perylene	NS	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Chrysene	0.002	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	NS	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Fluoranthene	50	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Fluorene	50	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Naphthalene	10	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Phenanthrene	50	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U
Pyrene	50	0.05 U	0.10 U	0.05 U	0.05 U	0.05 U

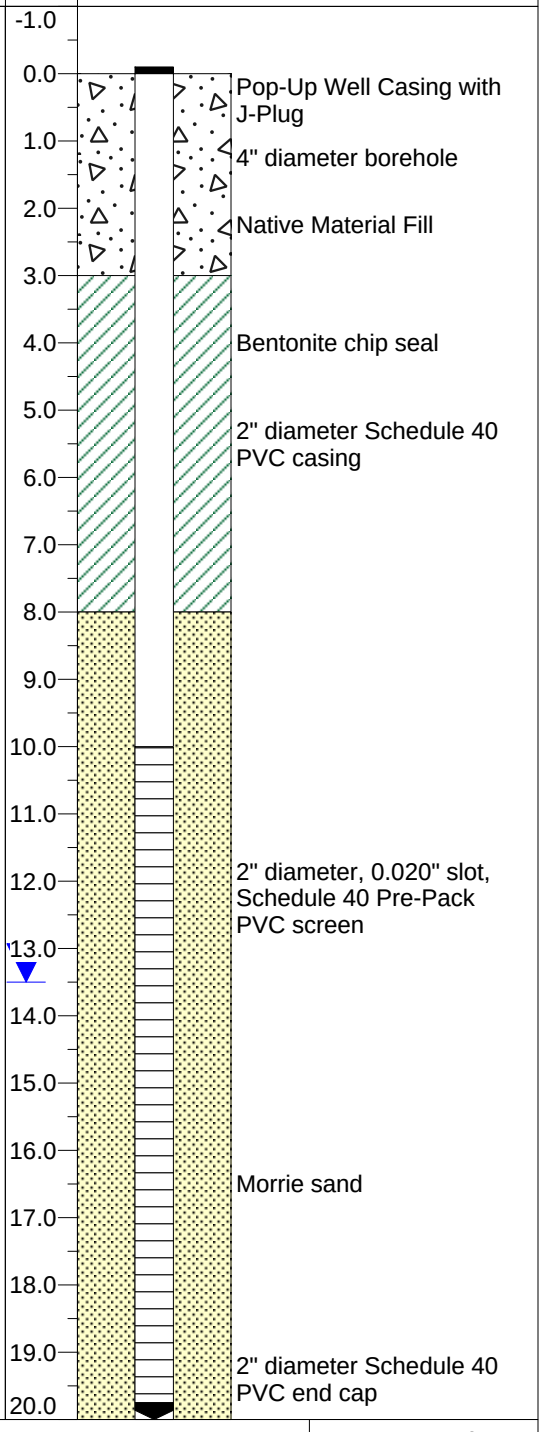
Notes:
[1] New York DEC TOGS - Ambient Water Quality Standards (AWQS)
NA- Not Analyzed
NS- No Standard
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.
Highlighted text denotes concentrations exceeding the NYSDEC AWQS.

APPENDIX A

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

PROJECT #:	ZDG2101		
SITE ADDRESS:	2840 Atlantic Ave. Brooklyn, NY		
BORING ID:	MW-1	BORING DEPTH (FT): 20	CORE LENGTH (FT): NA
WELL ID:	MW-1	BORING DIAMETER (IN): 4	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 06/30/2022	DATE FINISHED: 06/30/2022
DRILLING METHOD:	Auger Drilling	TIME STARTED: NA	TIME FINISHED: NA
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	NA	PROJECT MANAGER: Ryan Morley	LOGGED BY: David Victome

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)

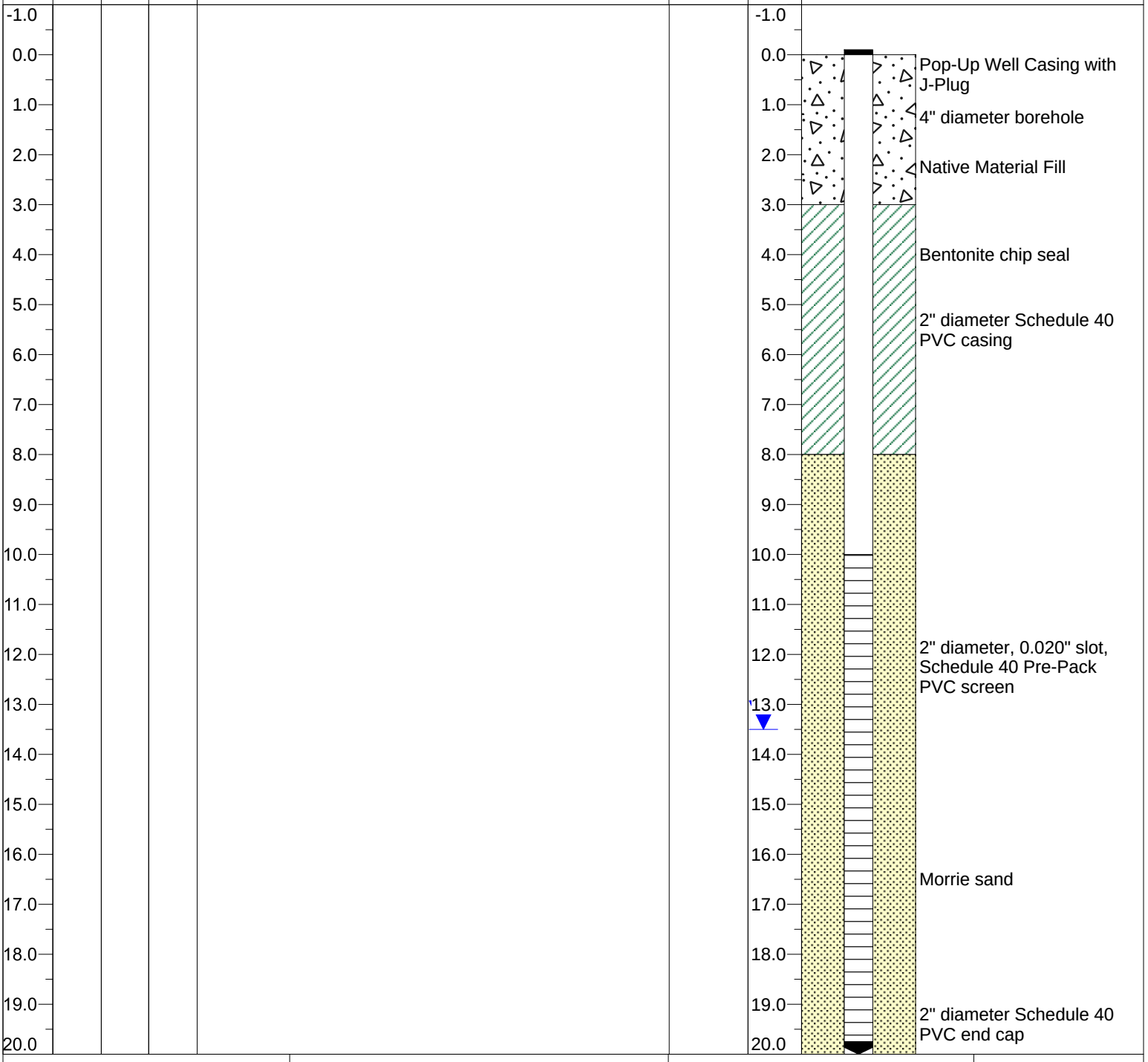


PROJECT #:	ZDG2101
SITE ADDRESS:	2840 Atlantic Ave. Brooklyn, NY
BORING ID:	MW-2
WELL ID:	MW-2
DRILLING CONTRACTOR:	Associated Environmental
DRILLING METHOD:	Auger Drilling
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	NA

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 4	WELL DIAMETER (IN): 2
DATE STARTED: 06/30/2022	DATE FINISHED: 06/30/2022
TIME STARTED: NA	TIME FINISHED: NA
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Ryan Morley	LOGGED BY: David Victome

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)



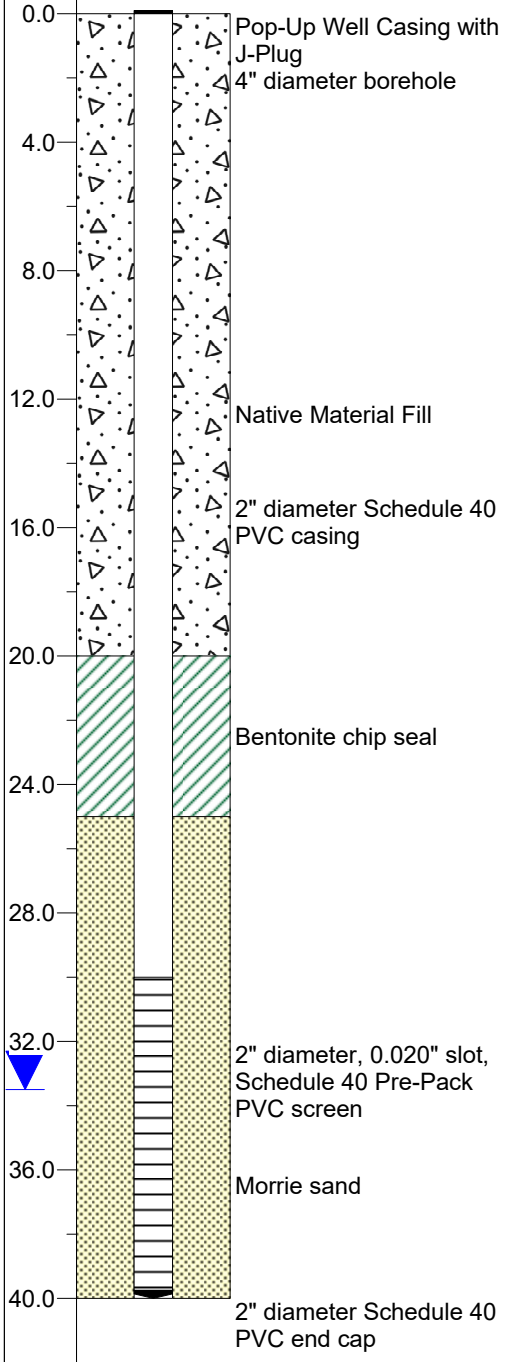
P.W. Grosser Consulting	**End of Boring Depth (feet):** 20	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	ZDG2101
SITE ADDRESS:	2840 Atlantic Ave. Brooklyn, NY
BORING ID:	MW-3
WELL ID:	MW-3
DRILLING CONTRACTOR:	Associated Environmental
DRILLING METHOD:	Auger Drilling
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	NA

PWGC

BORING DEPTH (FT): 40	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 4	WELL DIAMETER (IN): 2
DATE STARTED: 05/01/2023	DATE FINISHED: 05/01/2023
TIME STARTED: NA	TIME FINISHED: NA
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Ryan Morley	LOGGED BY: Matt Sanchez

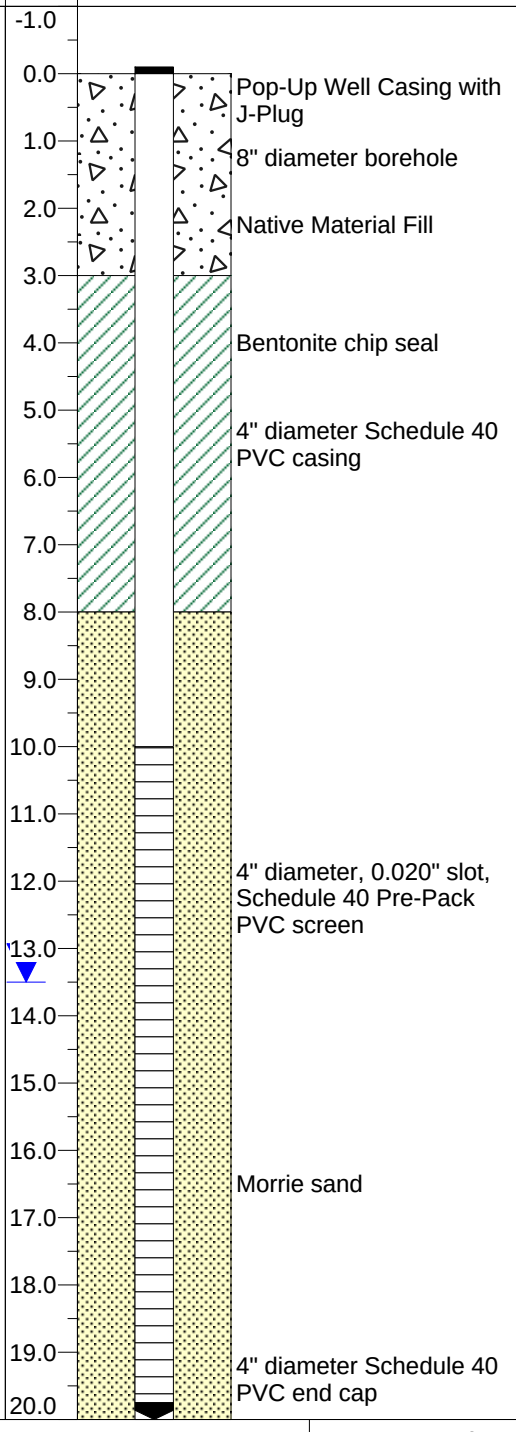
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)



P.W. Grosser Consulting	**End of Boring Depth (feet):** 40	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	ZDG2101		
SITE ADDRESS:	2840 Atlantic Ave. Brooklyn, NY		
BORING ID:	RW-1	BORING DEPTH (FT): 20	CORE LENGTH (FT): NA
WELL ID:	RW-1	BORING DIAMETER (IN): 8	WELL DIAMETER (IN): 4
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 06/30/2022	DATE FINISHED: 06/30/2022
DRILLING METHOD:	Auger Drilling	TIME STARTED: NA	TIME FINISHED: NA
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	NA	PROJECT MANAGER: Ryan Morley	LOGGED BY: David Victome

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
-1.0 to 20.0					



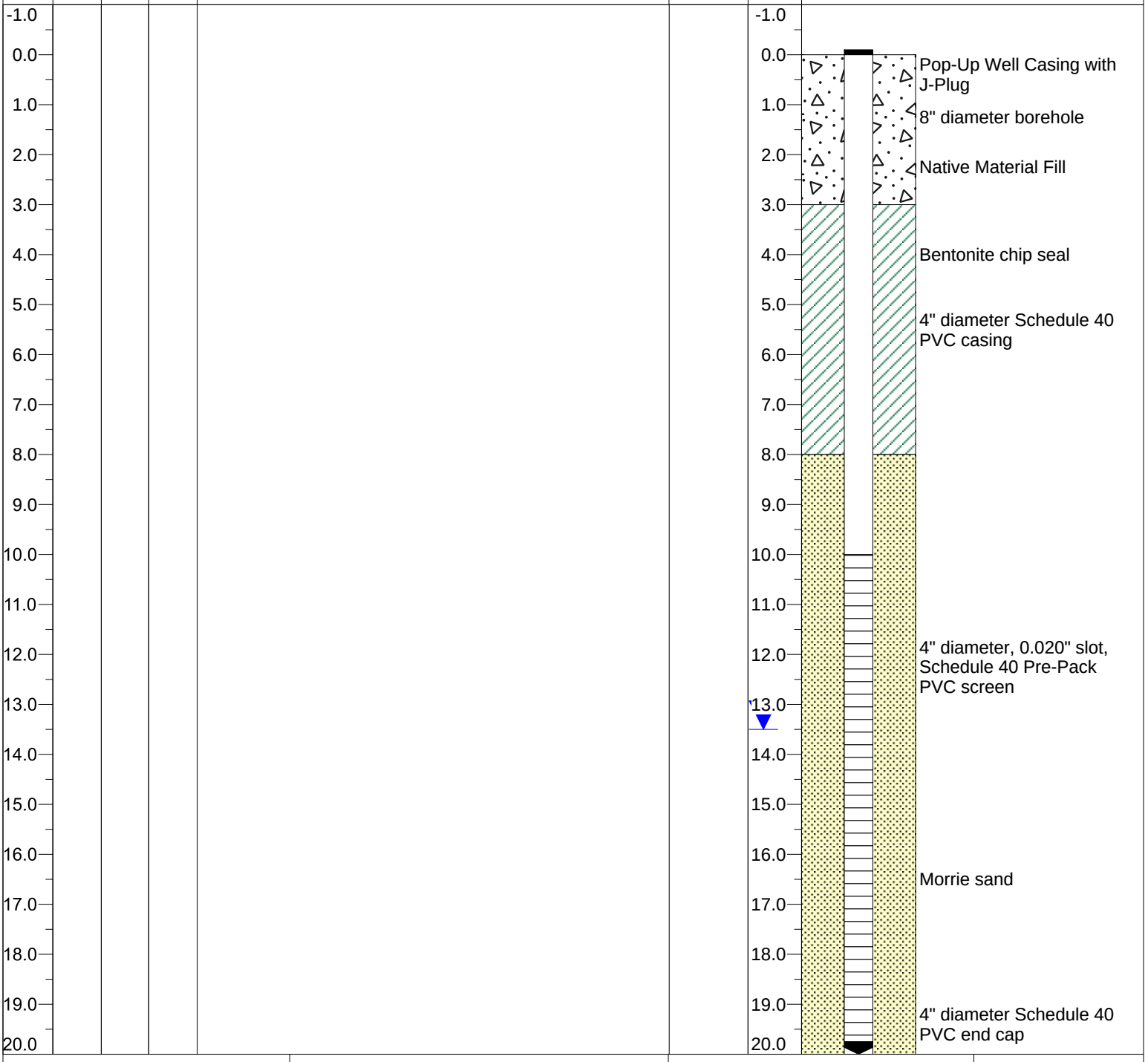
WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

PROJECT #:	ZDG2101
SITE ADDRESS:	2840 Atlantic Ave. Brooklyn, NY
BORING ID:	RW-2
WELL ID:	RW-2
DRILLING CONTRACTOR:	Associated Environmental
DRILLING METHOD:	Auger Drilling
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	NA

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 8	WELL DIAMETER (IN): 4
DATE STARTED: 06/30/2022	DATE FINISHED: 06/30/2022
TIME STARTED: NA	TIME FINISHED: NA
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Ryan Morley	LOGGED BY: David Victome

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)



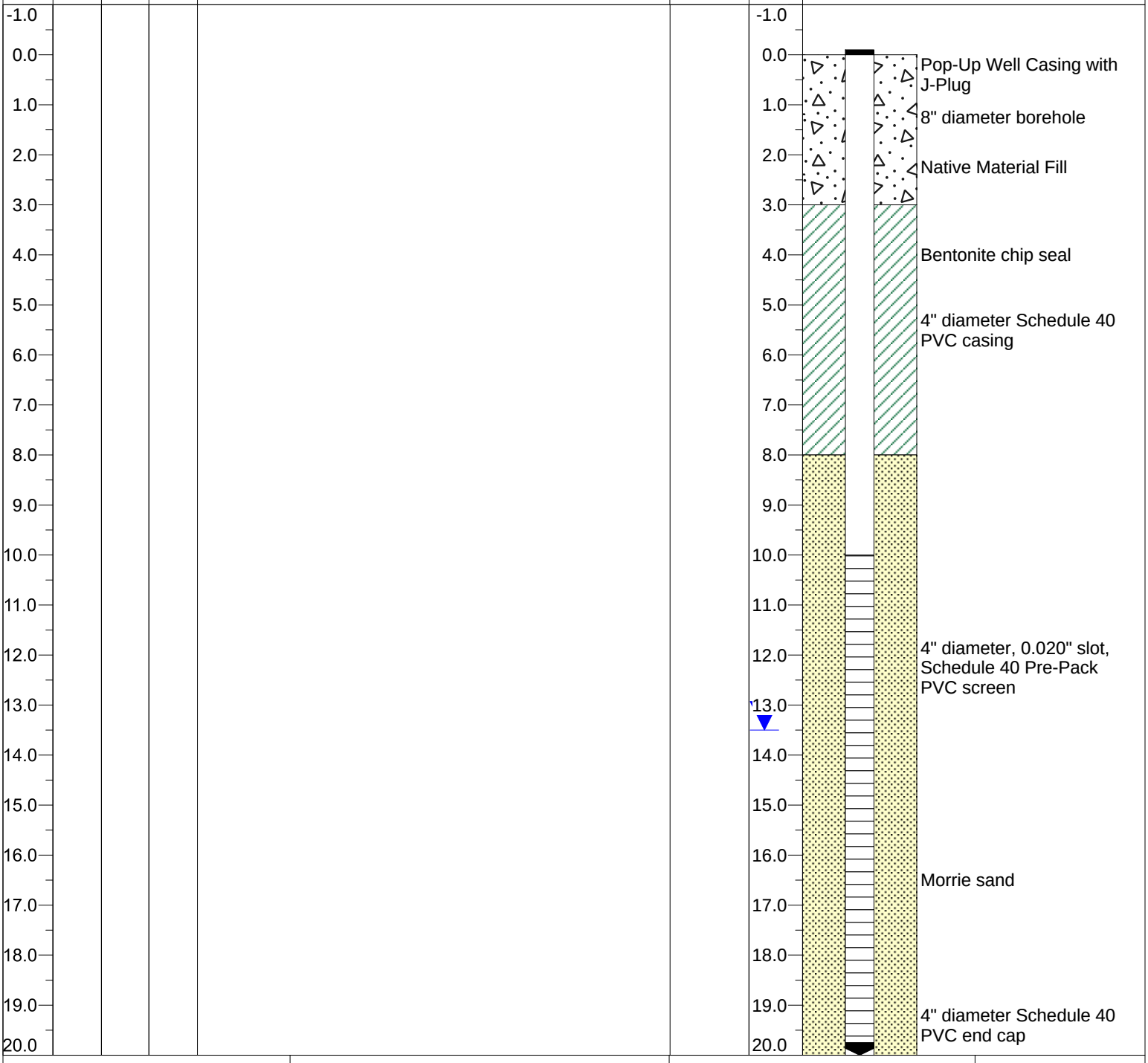
P.W. Grosser Consulting	**End of Boring Depth (feet):** 20	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	ZDG2101
SITE ADDRESS:	2840 Atlantic Ave. Brooklyn, NY
BORING ID:	RW-3
WELL ID:	RW-3
DRILLING CONTRACTOR:	Associated Environmental
DRILLING METHOD:	Auger Drilling
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	NA

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 8	WELL DIAMETER (IN): 4
DATE STARTED: 06/30/2022	DATE FINISHED: 06/30/2022
TIME STARTED: NA	TIME FINISHED: NA
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Ryan Morley	LOGGED BY: David Victome

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)



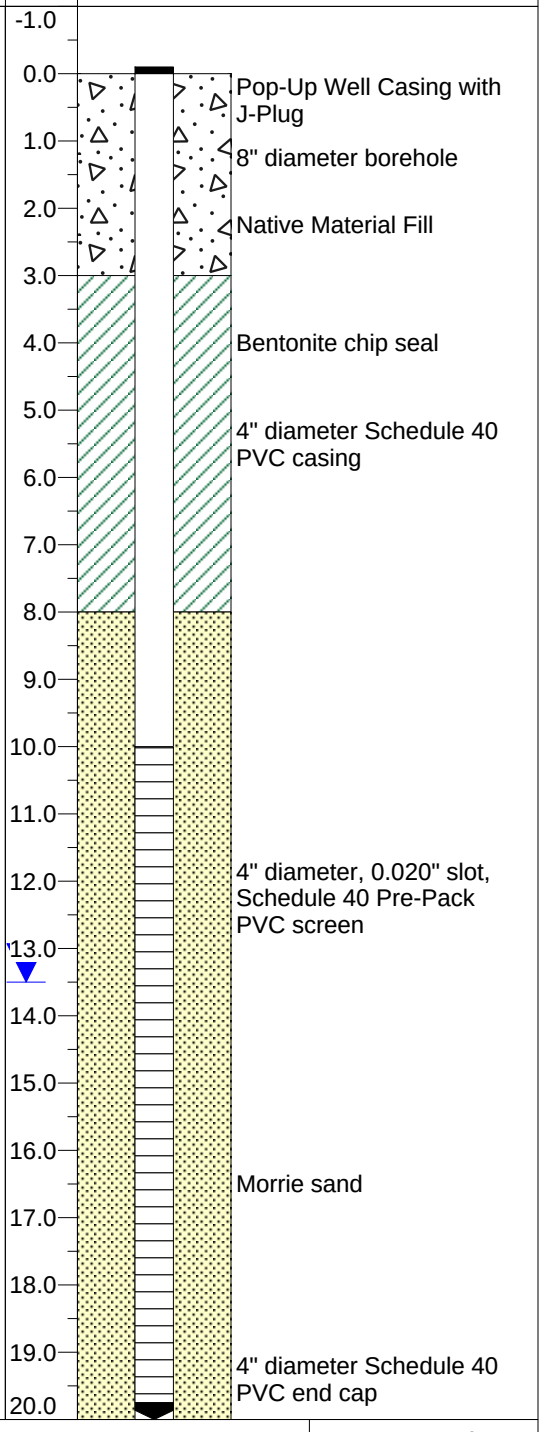
P.W. Grosser Consulting	**End of Boring Depth (feet):** 20	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	ZDG2101
SITE ADDRESS:	2840 Atlantic Ave. Brooklyn, NY
BORING ID:	RW-4
WELL ID:	RW-4
DRILLING CONTRACTOR:	Associated Environmental
DRILLING METHOD:	Auger Drilling
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	NA

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 8	WELL DIAMETER (IN): 4
DATE STARTED: 06/30/2022	DATE FINISHED: 06/30/2022
TIME STARTED: NA	TIME FINISHED: NA
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Ryan Morley	LOGGED BY: David Victome

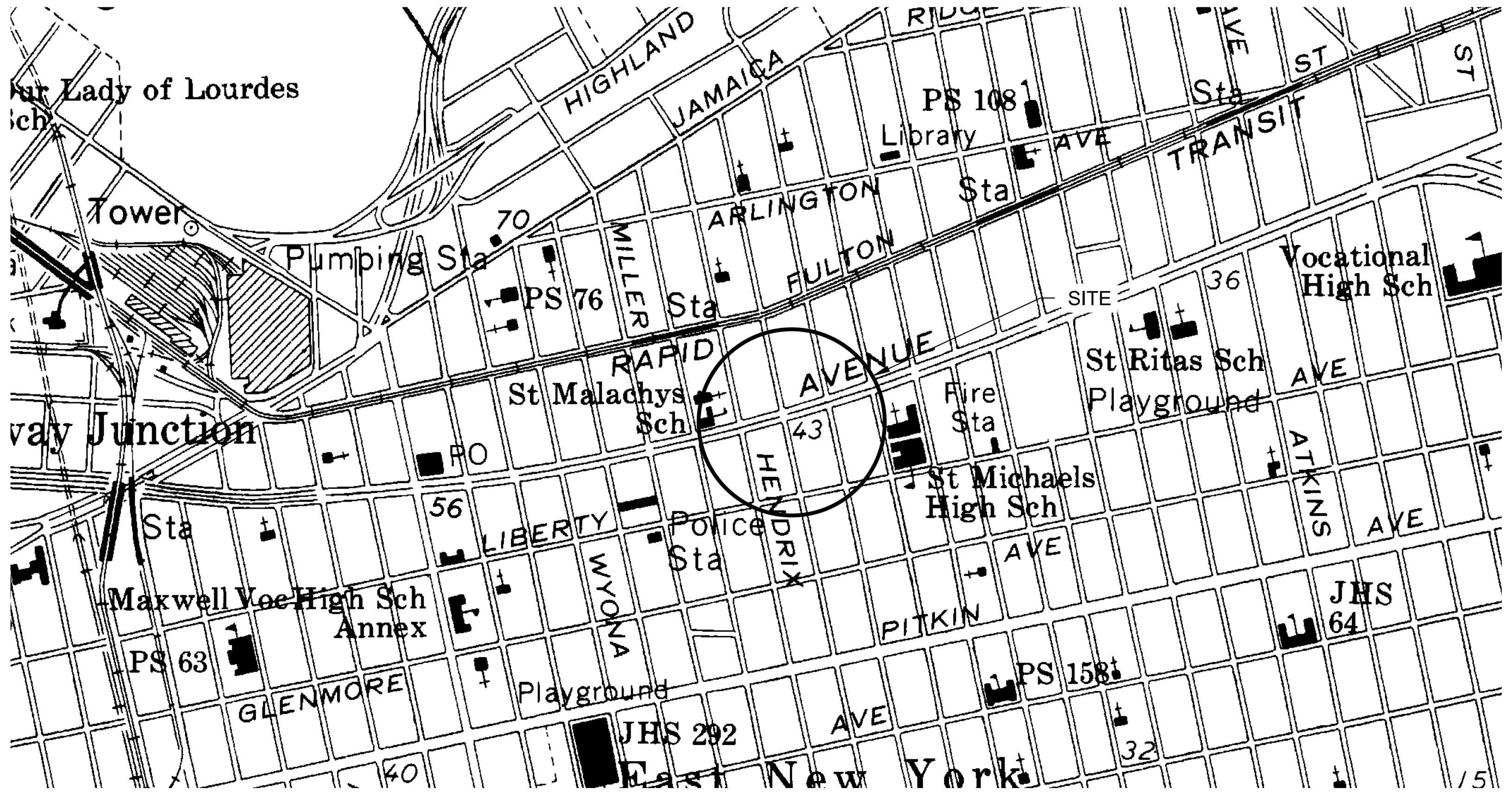
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)



P.W. Grosser Consulting	**End of Boring Depth (feet):** 20	**Water Table Symbol:** ▼	Page 1 of 1

APPENDIX B

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT



BASEMAP REFERENCE: NYC GIS

VICINITY MAP

N.T.S.

Scope of Work

INSTALLATION OF PASSIVE SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) AT 2840 ATLANTIC AVENUE, BROOKLYN NEW YORK AS SHOWN ON THESE PLANS. THE BUILDING IS APPROXIMATELY 19,000 SF.

THE WORK INCLUDES:

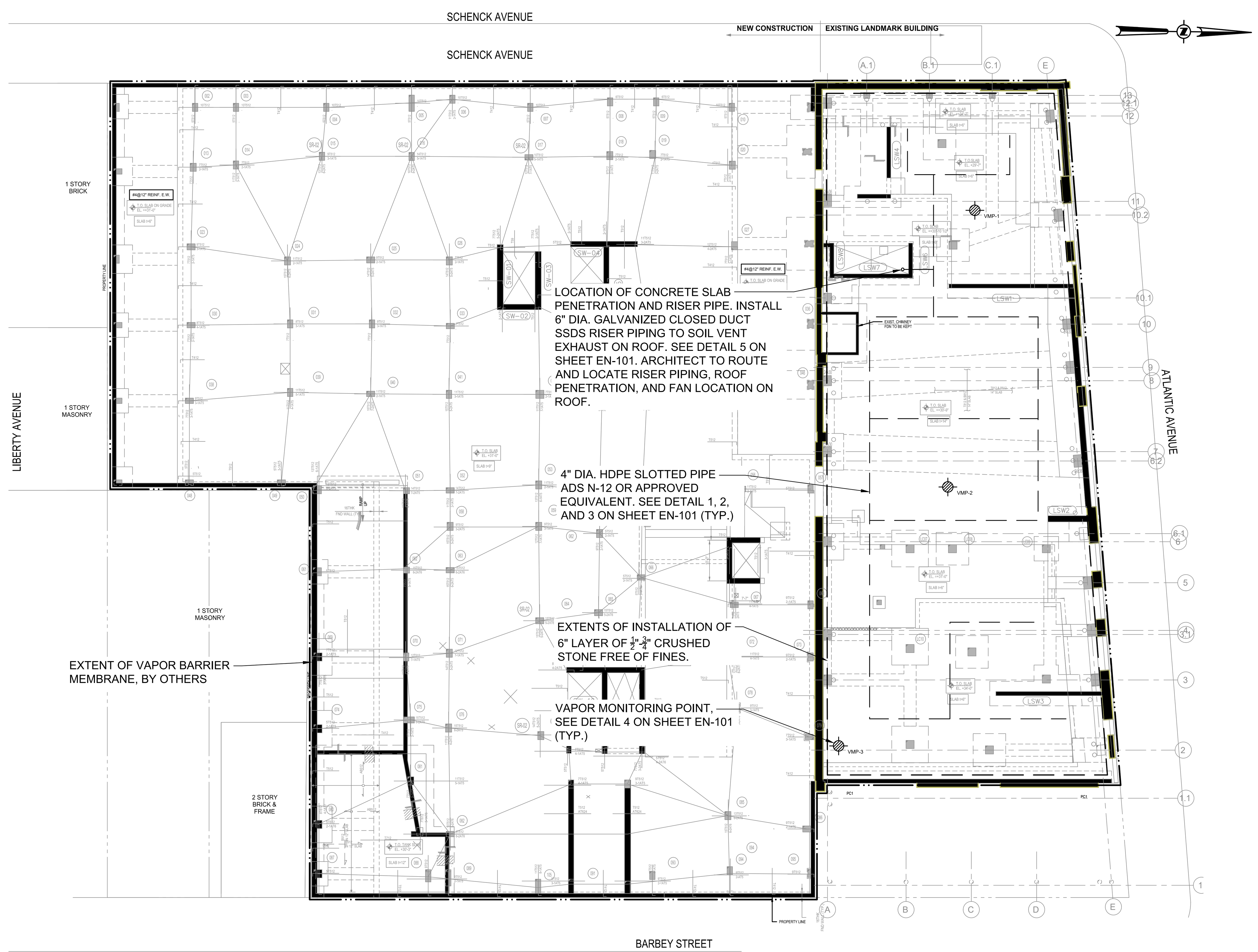
1. INSTALLATION OF PERFORATED PIPING
2. INSTALLATION OF RISER PIPING AND EQUIPMENT

Legend

— — — — —	SLOTTED HDPE PIPING
—— - - ——	VAPOR BARRIER MEMBRANE EXTENTS
⊘ VMP-#	VAPOR MONITORING POINT

General Notes

1. DRAWING NOT TO BE USED FOR STRUCTURAL, ARCHITECTURAL OR OTHER REFERENCE EXPECT FOR SUB-SLAB DEPRESSURIZATION SYSTEM AND GAS VAPOR BARRIER.
2. COORDINATE ALL WORK FOR SUB-SLAB DEPRESSURIZATION SYSTEM, GAS VAPOR BARRIER AND ROOF PENETRATION WITH OTHER TRADES PRIOR TO INSTALLATION.
3. COORDINATE LOCATION OF RISER WITH ARCHITECT.
4. FIELD CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO ANY WORK.
5. SLOPE SOLID PIPING DOWNWARD TOWARDS SSDS SLOTTED PIPING AT 1/8" PER FT OF PIPING.
6. ALL DUCTING TO BE CLOSED DUCTING NORDFAB OR APPROVED EQUIVALENT.
7. ALL DUCTING TO BE CONNECTED UTILIZING AIR TIGHT QUICK FIT COUPLINGS. NORDFAB OR APPROVED EQUIVALENT.
8. TOP OF EFFLUENT STACK AT LEAST 10' FROM ANY WINDOWS, DOORS OR OTHER BUILDING OPENINGS, OR FROM ANY WINDOWS OR OTHER OPENINGS IN ADJACENT BUILDINGS, INCLUDING AIR INTAKES, LOUVERS, VENTS, ETC.
9. ALL ELECTRICAL TO BE INSTALLED BY LICENSED ELECTRICIAN.
10. PROVIDE DESIGNATED CIRCUIT FOR BLOWER.
11. PROVIDE MINIMUM NEMA 3R PANELS FOR EXTERIOR ELECTRICAL COMPONENTS.
12. ALL EXTERIOR PENETRATIONS FOR ELECTRICAL TO BE BOOTED AND WATER TIGHT.
13. ALL CONCRETE PENETRATIONS SHALL BE SEALED WITH LIQUID BOOT TROWEL GRADE OR ENGINEER APPROVED EQUAL.
14. COMPACT CRUSHED STONE PER GEOTECHNICAL REQUIREMENTS.
15. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ENGINEERS APPROVAL, INCLUDING BUT NOT LIMITED TO;
    - 15.1. PIPING MATERIALS AND FITTINGS
    - 15.2. FAN MAKE AND MANUFACTURER
    - 15.3. VACUUM MONITORING POINT & FITTINGS
    - 15.4. DUCT SUPPORTS



REFERENCE:
1. STRUCTURAL PLANS BY WSP USA DATED 09/24/2020 - CELLAR LEVEL AND FOUNDATION REINF. PLAN - F0-301.00

SUB-SLAB DEPRESSURIZATION SITE PLAN

SCALE: 1" = 20'

0 20 40
SCALE: 1" = 20'

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. GROSSER CONSULTING INC.
630 Johnson Avenue. • Suite 7
Bohemia • NY • 11716-2618
Phone: (631) 589-6353 • Fax: (631) 589-8705
E-mail: INFO@PWGROSSER.COM

CONSULTANTS

Number	Revision Description	Revision Date
7		
6		
5		
4		
3		
2		
1	CONSTRUCTION DOCUMENTS	2022-06-06

Designed By	WSH	Date Submitted	
Drawn By	WSH	Date Created	6/6/2022
Approved By	MS	Scale	AS NOTED

Client:
2840 ATLANTIC HOLDINGS, LLC
777 LAKE ZURICH ROAD, #195
BARRINGTON, ILLINOIS 60010

Project:
PASSIVE SSDS AND VAPOR BARRIER

Project Address:
2840 ATLANTIC AVENUE
BROOKLYN, NY 11207

County Tax Map Number:
Contract Number:
Regulatory Reference Number:

Title of Drawing:
SSDS AND VAPOR BARRIER SITE PLAN

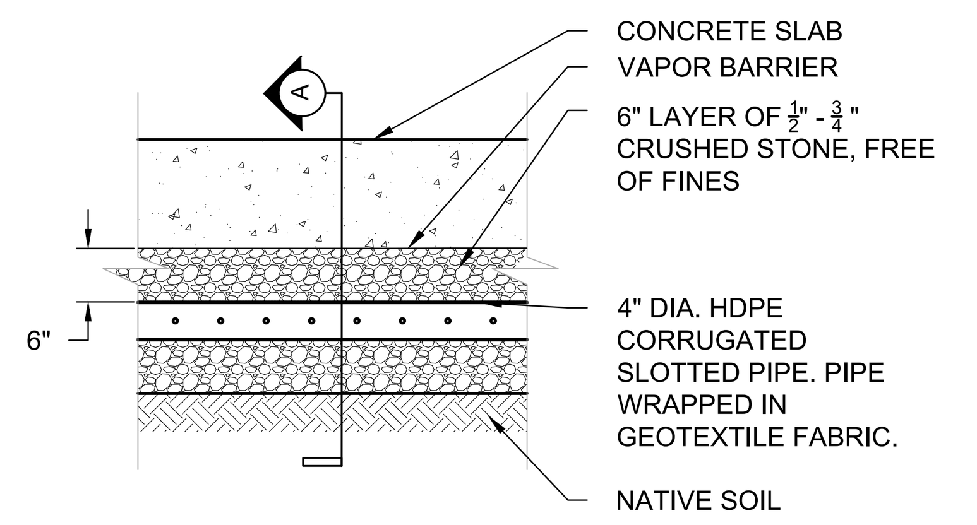
STATE OF NEW YORK · MICHAEL SCANLON · 103321 · LICENSED PROFESSIONAL ENGINEER

Drawing Number: **EN-100**

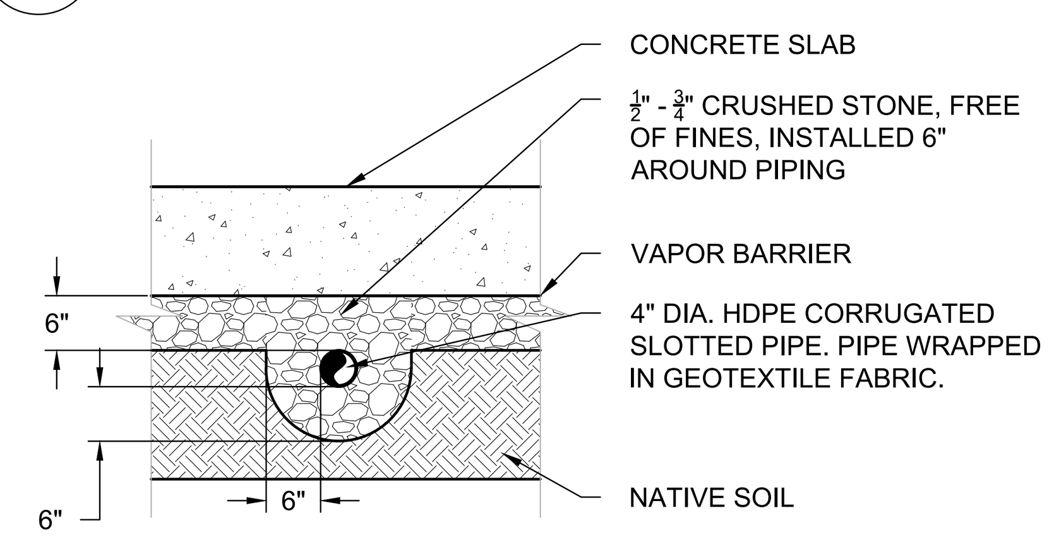
Sheet 1 of 2

PWGC Project Number: **ZDG2101**

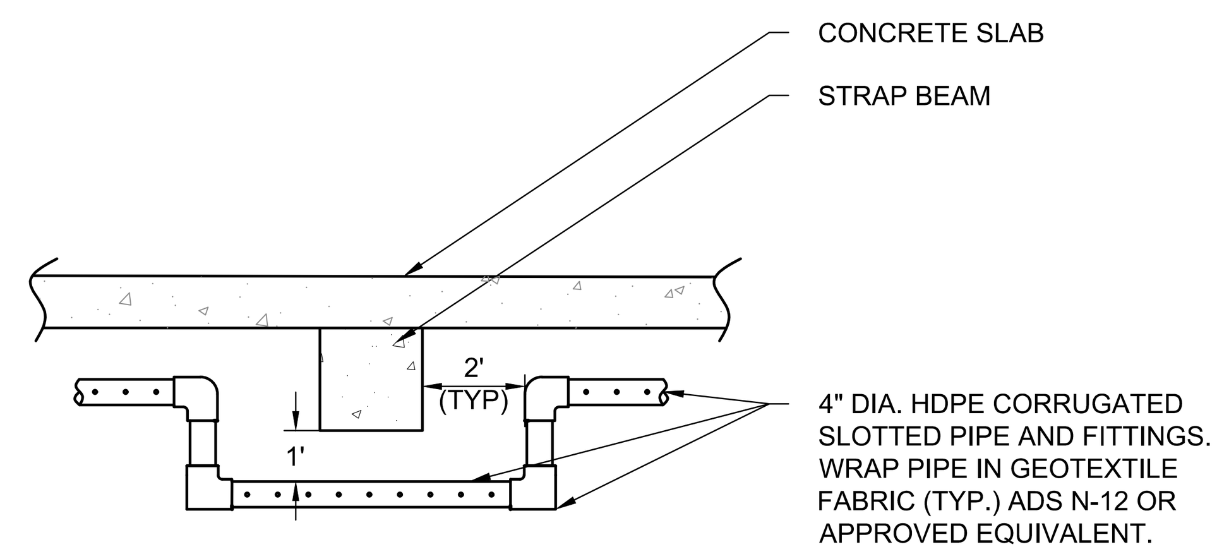
PWGC FILE NAME: J:\Projects S-Z\ZDG - ZDG Construction\2101 - 2840 Atlantic Ave BCP\SSDS Design\CAD\2022.02.19_ZDG2101_SSDS Design _D2.dwg (EN-100)
PLOT DATE/TIME: Jun 06, 2022-11:48pm By: scanlon



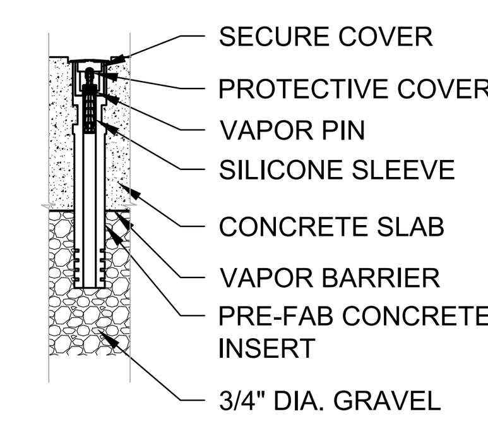
1 PERFORATED PIPE DETAIL
N.T.S.



2 PERFORATED PIPE SECTION A
N.T.S.

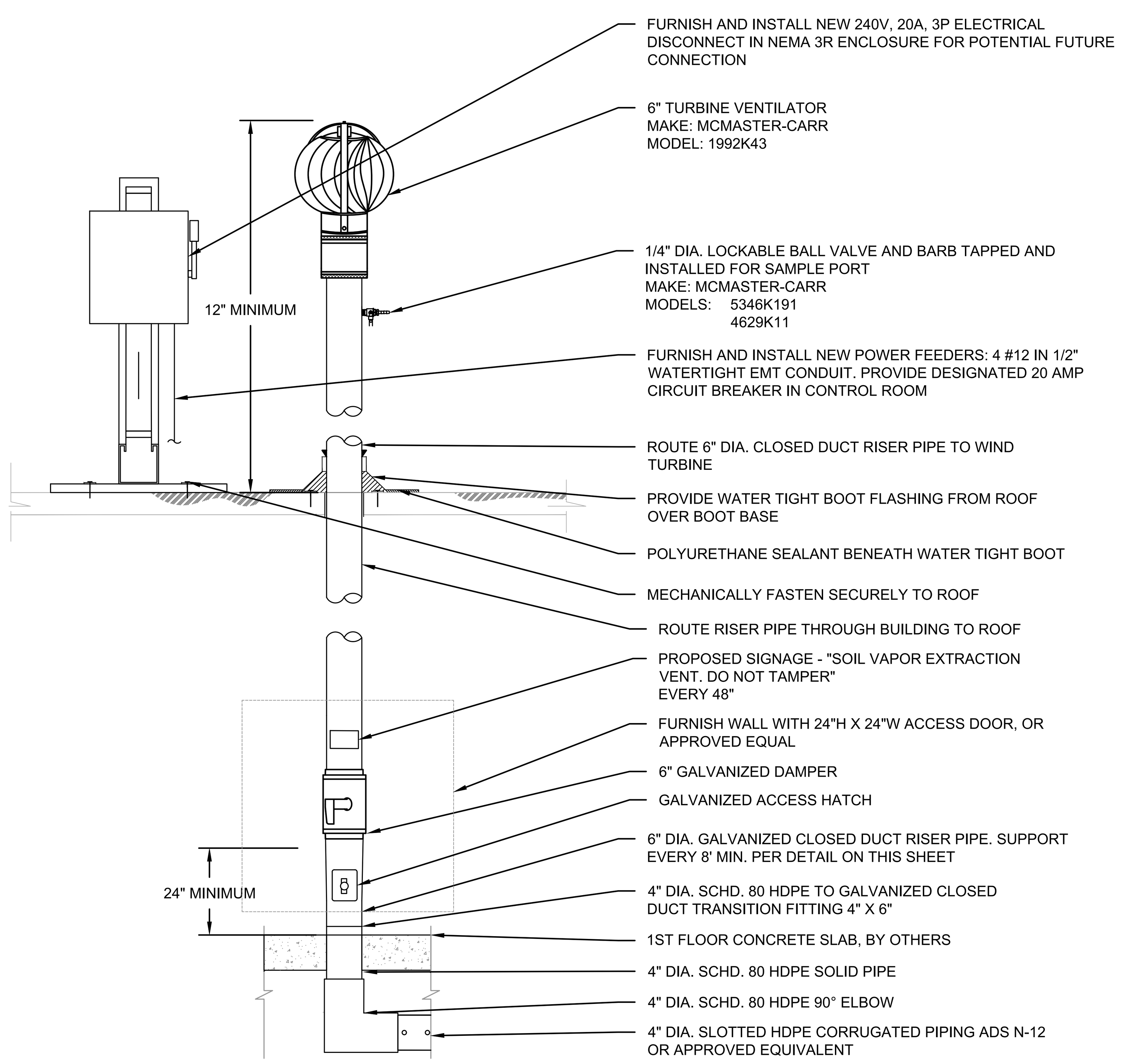


3 SSDS STRAP BEAM DETAIL
SCALE: NOT TO SCALE

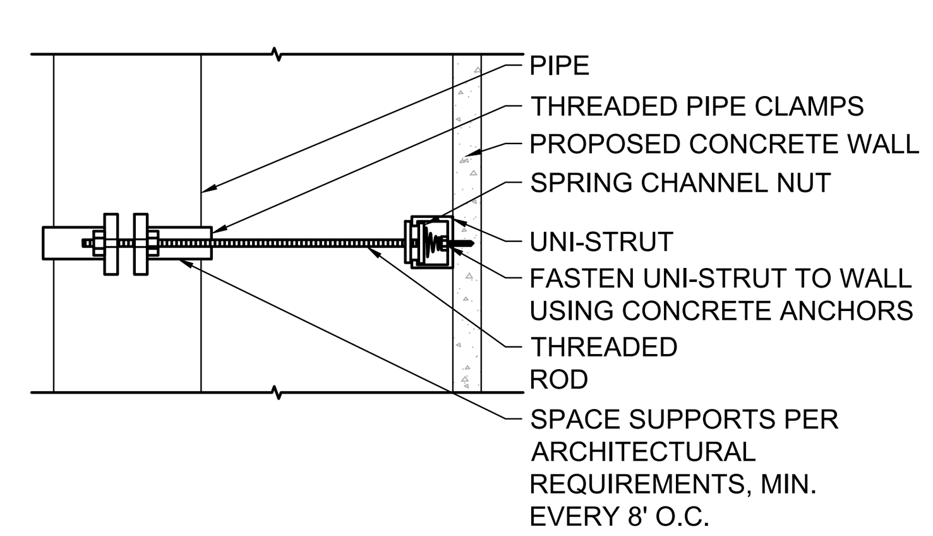


NOTES:
1. BASIS OF DETAIL
   MAKE: VAPOR PIN ENTERPRISES, INC
   MODEL: VAPOR PIN
2. INSTALL VAPOR VIN PER MANUFACTURER'S INSTRUCTIONS

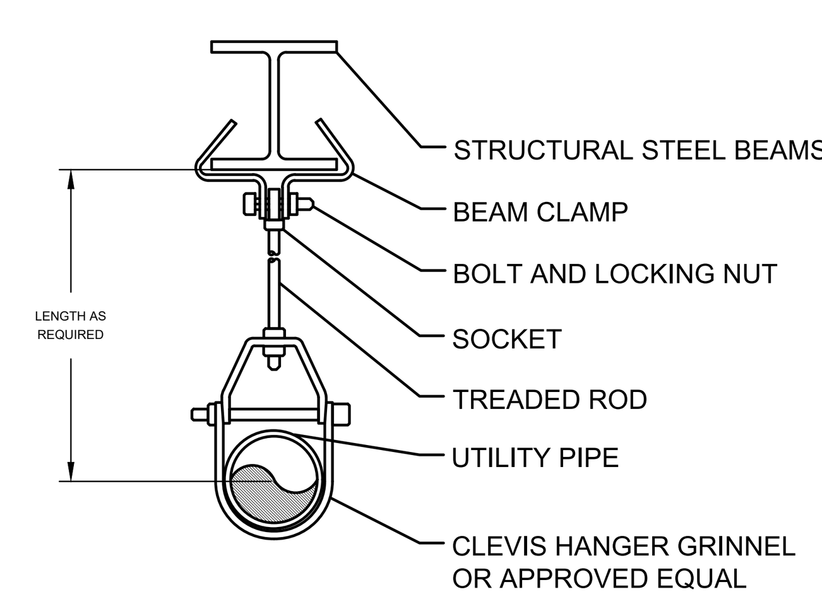
4 TYPICAL MONITORING POINT DETAIL
SCALE: NOT TO SCALE



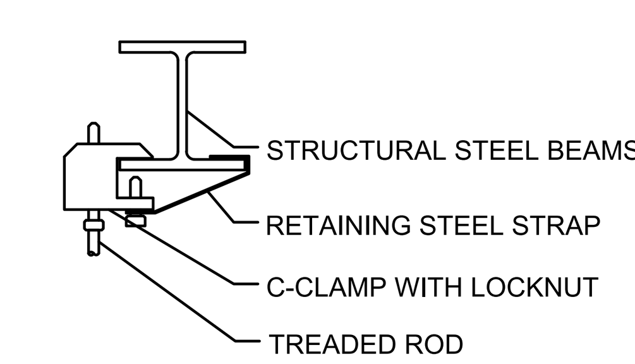
5 RISER DETAIL
SCALE: NOT TO SCALE



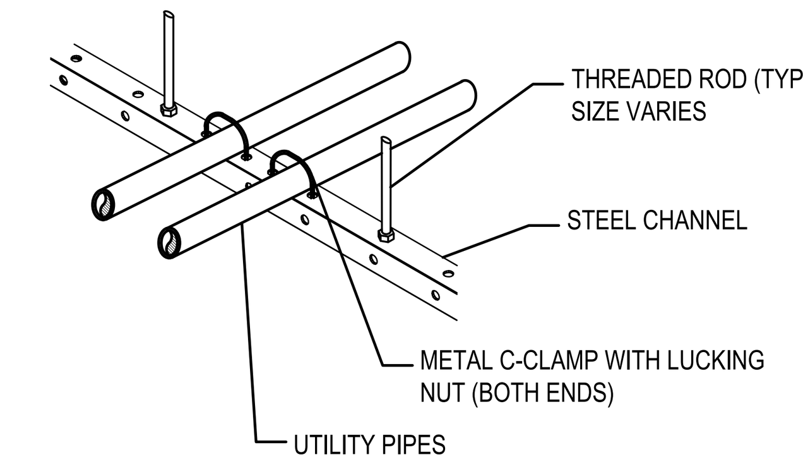
VERTICAL PIPE SUPPORT DETAIL



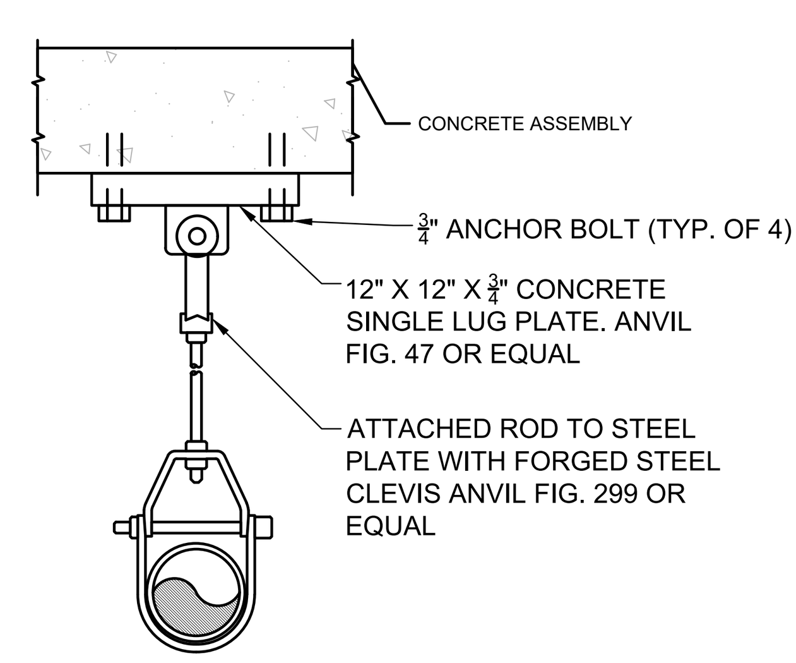
BEAM - HANGER DETAIL



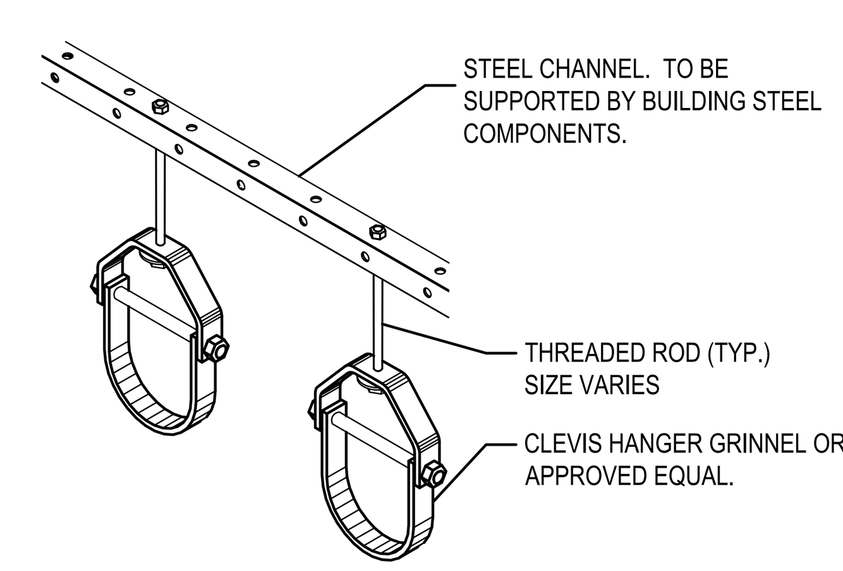
BEAM - HANGER DETAIL #2



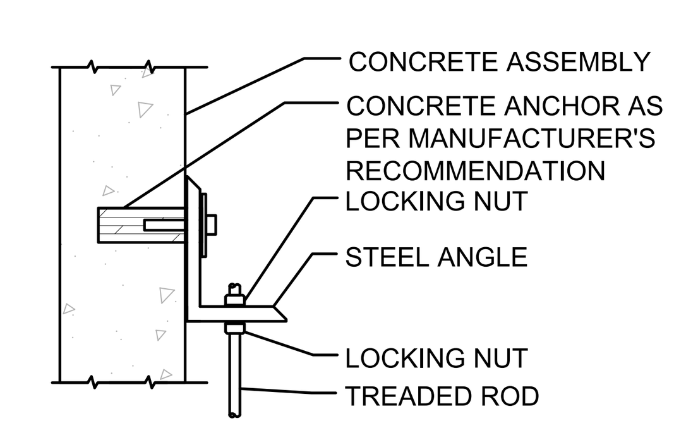
PIPE HANGER DETAIL



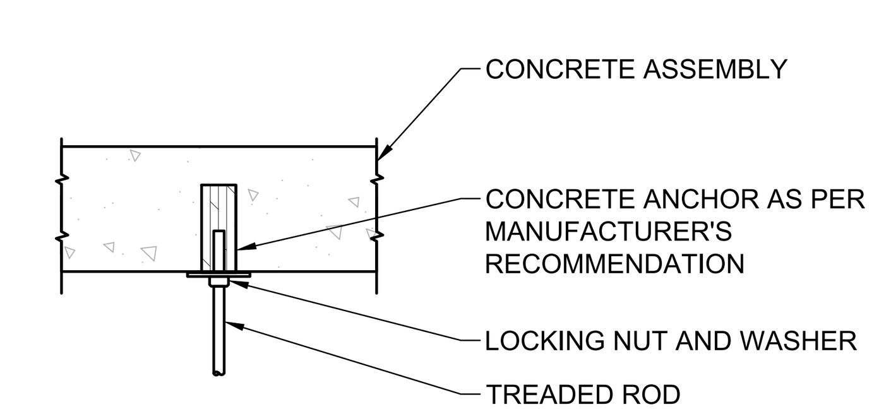
CONCRETE CEILING HANGER DETAIL



CEILING HANGER DETAIL



CONCRETE WALL HANGER DETAIL



CONCRETE CEILING HANGER DETAIL

6 TYPICAL PIPE SUPPORT DETAILS
SCALE: NOT TO SCALE

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. GROSSER CONSULTING INC.
630 Johnson Avenue. • Suite 7
Bohemia • NY • 11716-2618
Phone: (631) 589-6353 • Fax: (631) 589-8705
E-mail: INFO@PWGROSSER.COM

CONSULTANTS

Number	Revision Description	Revision Date
7		
6		
5		
4		
3		
2		
1	CONSTRUCTION DOCUMENTS	2022-06-06

Designed By	WSH	Date Submitted	
Drawn By	WSH	Date Created	6/6/2022
Approved By	MS	Scale	AS NOTED

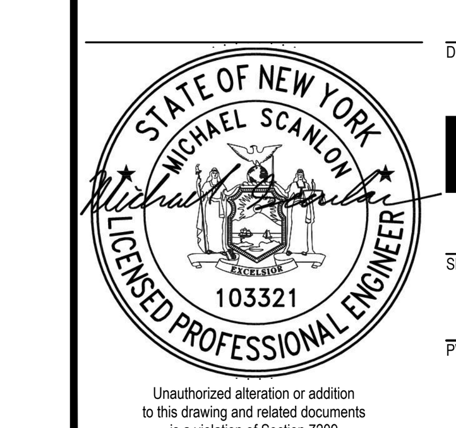
Client:
2840 ATLANTIC HOLDINGS, LLC
777 LAKE ZURICH ROAD, #195
BARRINGTON, ILLINOIS 60010

Project:
PASSIVE SSDS AND VAPOR BARRIER

Project Address:
2840 ATLANTIC AVENUE
BROOKLYN, NY 11207

County Tax Map Number: | Contract Number:
Regulatory Reference Number:
Title of Drawing:

SSDS DETAILS



Drawing Number:
EN-101

Sheet 2 of 2

PWGC Project Number:
ZDG2101

APPENDIX C

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation: MW02 **Site Address:** 2840 Atlantic Ave Bklyn **Project Name:** ZDG	**Sampled By:** KM **Project Manager:** RM **Project Number:** ZDG2101
Reference Elevation (ft): **Depth to Product (ft):** **Depth to Water (ft):** 12.46 **Depth to Bottom (ft):** 18.65 **Height of Water Column (ft):** **Standing Water Volume (gal):**	**Well Use:** Monitoring **Product Elevation (ft):** **Groundwater Elevation (ft):** **Bottom Elevation (ft):** **Well Diameter (in):** 2" **Calculated Purge Volume (gal):**
Sample Date: 07-21-23 **Sample Time:** 1354	**Start Purge Time:** 1257 **End Purge Time:** 1345
Purge Method: Low Flow **Purge Rate (mL/min):** 350 **Actual Purge Volume (gal):**	**Sample Method:** Low Flow **Purge Time (min):** **Casing Volumes Removed:**
Sample Appearance:	**Odors Observed:** None
Analytical Laboratory: **Date Shipped:** **Analyses Requested:**	**Notes:**

~~Flow~~

Field Indicator Parameters

~~Reading~~ mL/min	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
375 mL/min	1300	15.22	7.01	1000+	131	0.555	5.54
	1303	15.13	6.93	609	163	0.544	5.45
↓	1306	15.01	6.87	384	183	0.536	5.41
350	1309	15.47	6.92	295	193	0.533	5.26
	1312	15.47	6.91	212	201	0.530	5.27
	1315	15.36	6.90	157	209	0.529	5.29
	1318	15.34	6.90	133	215	0.527	5.27
↓	1321	15.31	6.88	120	221	0.525	5.27
300	1324	15.69	6.86	101	226	0.523	5.17
	1327	15.65	6.85	103	226	0.525	5.14
	1330	16.21	6.86	80.2	230	0.525	5.12
	1333	16.21	6.86	61.5	231	0.526	5.13
	1336	16.08	6.84	48.9	235	0.526	5.16
	1339	15.92	6.86	48.1	235	0.527	5.19
	1342	15.90	6.84	47.2	238	0.526	5.13
	1345	15.98	6.83	47.1	239	0.527	5.18
	~~1348~~						

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH:** ±0.1
Turbidity: ±10% **ORP:** ±10 mV
Conductivity: ±3% **DO:** ±10%

~~1351~~
1354 (KM)
~~1357~~
~~1400~~
1403

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation: MW-002	**Sampled By:** KM
Site Address: Atlantic Ave	**Project Manager:** RM
Project Name:	**Project Number:** 2PG2101
Reference Elevation (ft):	**Well Use:** MW
Depth to Product (ft):	**Product Elevation (ft):**
Depth to Water (ft): 12.57'	**Groundwater Elevation (ft):**
Depth to Bottom (ft): 15.35	**Bottom Elevation (ft):**
Height of Water Column (ft):	**Well Diameter (in):** 2"
Standing Water Volume (gal):	**Calculated Purge Volume (gal):**
Sample Date: 07-21-23	**Start Purge Time:** 1154
Sample Time: 1237	**End Purge Time:** 1229
Purge Method: Low Flow	**Sample Method:**
Purge Rate (mL/min):	**Purge Time (min):**
Actual Purge Volume (gal):	**Casing Volumes Removed:**
Sample Appearance:	**Odors Observed:**
Analytical Laboratory:	**Notes:**
Date Shipped:	* Some power tools, hand machinery being used in vicinity. may affect samples' VOCs
Analyses Requested:	*water is slightly opaque and has a petroleum smell

Field Indicator Parameters

~~Reading~~ Purge rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
350 mL/min	1202	17.78	6.92	401	-86	0.577	7.23
↓	1205	17.38	6.89	296	-93	0.581	6.60
	1208	17.32	6.90	145	-98	0.581	6.03
300 mL/min	1211	17.19	6.86	73.8	-98	0.581	5.42
	1214	17.10	6.84	28.1	-98	0.582	4.77
	1217	17.09	6.82	15.7	-98	0.583	4.20
	1220	17.05	6.80	9.9	-98	0.584	3.70
	1223	17.06	6.81	7.0	-97	0.584	3.36
	1226	17.06	6.80	5.9	-98	0.584	3.49
	1229	16.99	6.80	5.0	-98	0.584	3.53
	[illegible]						
	[illegible]						
	[illegible]						
	[illegible]						
	[illegible]						
	[illegible]						
	[illegible]						
	[illegible]						

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH:** ±0.1
Turbidity: ±10% **ORP:** ±10 mV
Conductivity: ±3% **DO:** ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation: MW003 Page 1	**Sampled By:** RM
Site Address: 2840 Atlantic Ave	**Project Manager:** RM
Project Name:	**Project Number:** ZDG2301
Reference Elevation (ft):	**Well Use:** Monitoring Well
Depth to Product (ft):	**Product Elevation (ft):**
Depth to Water (ft): 32.51	**Groundwater Elevation (ft):**
Depth to Bottom (ft): 39.75	**Bottom Elevation (ft):**
Height of Water Column (ft):	**Well Diameter (in):** 2"
Standing Water Volume (gal):	**Calculated Purge Volume (gal):**
Sample Date: 01-21-23	**Start Purge Time:** 1445
Sample Time: 1620	**End Purge Time:** 1618
Purge Method: Low Flow	**Sample Method:** Low Flow
Purge Rate (mL/min): 350	**Purge Time (min):**
Actual Purge Volume (gal):	**Casing Volumes Removed:**
Sample Appearance: Clear	**Odors Observed:** NONE
Analytical Laboratory:	**Notes:**
Date Shipped:	
Analyses Requested:	

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
	1448	15.19	6.75	1000+	241	0.610	5.91
	1451	15.10	6.60	1K+	261	0.633	5.90
	1454	15.60	6.53	1K+	260	0.634	5.91
	1457	15.60	6.60	1K+	259	0.913	6.11
	1500	15.59	6.59	1K+	261	0.630	6.00
	1503	15.51	6.58	1K+	261	0.630	6.01
	1506	15.43	6.56	1K+	265	0.629	6.05
	1509	15.37	6.50	959	270	0.625	6.00
	1512	15.40	6.56	507	268	0.634	5.99
	1515	15.51	6.57	239	269	0.634	5.81
	1518	15.58	6.57	230	270	0.634	5.77
	1521	15.47	6.56	225	270	0.634	6.01
	1524	15.37	6.56	220	273	0.627	6.14
	1527	15.41	6.56	218	273	0.634	6.12
	1530	15.42	6.56	215	273	0.634	6.14
	1533	15.42	6.57	210	273	0.635	6.14
	1536	15.42	6.62	215	273	0.636	6.12

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH:** ±0.1
Turbidity: ±10% **ORP:** ±10 mV
Conductivity: ±3% **DO:** ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation: MW003 - Page 2	**Sampled By:** KM
Site Address: 2840 Atlantic Ave	**Project Manager:** RM
Project Name:	**Project Number:** 2DG2101
Reference Elevation (ft):	**Well Use:** Monitoring
Depth to Product (ft):	**Product Elevation (ft):**
Depth to Water (ft): 32.51	**Groundwater Elevation (ft):**
Depth to Bottom (ft): 39.75	**Bottom Elevation (ft):**
Height of Water Column (ft):	**Well Diameter (in):** 2"
Standing Water Volume (gal):	**Calculated Purge Volume (gal):**
Sample Date: 07-21-23	**Start Purge Time:** 1445
Sample Time: 1620	**End Purge Time:** 1618
Purge Method: Low Flow	**Sample Method:** Low Flow
Purge Rate (mL/min): 350	**Purge Time (min):**
Actual Purge Volume (gal):	**Casing Volumes Removed:**
Sample Appearance: clear	**Odors Observed:** None
Analytical Laboratory:	**Notes:**
Date Shipped:	
Analyses Requested:	

Field Indicator Parameters

~~Reading~~ Flow	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
350	1539	15.21	6.58	248	281	0.642	6.12
	1542	15.22	6.51	245	283	0.643	6.09
	1545	15.18	6.51	1165	284	0.646	6.06
	1548	15.14	6.54	95.7	284	0.638	6.07
	1551	15.14	6.51	60.0	287	0.646	6.06
	1554	15.14	6.52	50.6	286	0.642	6.06
	1557	15.17	6.55	34.0	285	0.644	6.08
	1600	15.12	6.52	22.0	287	0.648	6.07
	1603	15.12	6.52	13.7	288	0.648	6.06
	1606	15.13	6.53	6.2	287	0.648	6.06
	1609	15.17	6.51	2.2	287	0.648	6.06
	1612	15.14	6.52	0.6	287	0.648	6.06
	1615	15.13	6.52	0.0	288	0.647	6.06
	1618	15.13	6.52	0.0	287	0.648	6.06
		15.12	6.53	0.0	287	0.647	6.07

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH:** ±0.1
Turbidity: ±10% **ORP:** ±10 mV
Conductivity: ±3% **DO:** ±10%

Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:	**ZDG2101**		
Sampling Point:	MW003	**Sampled By:**	DWIGHT CHASE
Date Sampled:	09.29.2023	**Time Sampled:**	10:50
Depth to Water (feet):	32.58	**Total Well Depth (feet):**	40
Well Diameter (inches):	2"	**Headspace (ppm):**	0

SAMPLING INFORMATION

Purge Method:	WATERRA	**Sample Method:**	WATERA
Purge Rate (mL/m):	250	**Purge Time (min):**	1:00
Sample Appearance:	Clear	**Odors Observed:**	None
Analysis:	VOCs, SVOCs	**Laboratory:**	Alpha
Date Shipped:	9/29/2023	**Shipping Method:**	Currier

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	9:57	16.62	6.97	1000	164.00	0.768	5.650
2	250	10:02	15.95	6.53	1000	184.00	0.787	4.610
3	250	10:07	16.12	6.42	1000	189.00	0.776	4.470
4	250	10:12	16.32	6.34	1000	193.00	0.778	4.340
5	250	10:17	16.13	6.30	1000	196.00	0.773	4.380
6	250	10:22	16.11	6.29	1000	195	0.769	4.420
7	250	10:27	16.20	6.27	860	193	0.761	4.450
8	250	10:37	16.40	6.26	738	191	0.755	4.390
9	250	10:42	16.45	6.26	673.00	191	0.754	4.250
10	250	10:47	16.33	6.25	661.00	192	0.754	4.420
							.	

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min

pH - ±0.1

Conductivity - ±3%

ORP - ±10 mV

DO - ±10%

Turbidity - ±10%

P.W. Grosser Consulting, Inc • P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Avenue, Suite 7 • Bohemia, NY 11716
PH 631.589.6353 • FX 631.589.8705 • www.pwgrosser.com
New York, NY • Syracuse, NY • Seattle, WA • Shelton, CT

PWGC
Strategic Environmental Engineering Solutions

Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:	**ZDG**		
Sampling Point:	MW002	**Sampled By:**	DWIGHT CHASE
Date Sampled:	09.29.2023	**Time Sampled:**	13:45
Depth to Water (feet):	12.31	**Total Well Depth (feet):**	18.55
Well Diameter (inches):	2	**Headspace (ppm):**	0

SAMPLING INFORMATION

Purge Method:	WATERA	**Sample Method:**	WATERA
Purge Rate (mL/m):	250	**Purge Time (min):**	1:00
Sample Appearance:	clear	**Odors Observed:**	None
Analysis:	VOCs, SVOCs	**Laboratory:**	Alpha
Date Shipped:	9/29/2023	**Shipping Method:**	Currier

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	12:38	17.15	6.21	647	-41.00	0.477	1.72
2	250	12:53	17.29	6.52	1000	-53.00	0.727	1.43
3	250	12:58	17.52	6.42	1000	-42.00	0.723	0.89
4	250	13:03	17.47	6.62	1000	-51.00	0.705	4.23
5	250	13:08	17.38	6.49	1000	-29.00	0.713	2.65
6	250	13:13	17.09	6.52	803	-63	0.714	0.39
7	250	13:26	16.96	6.54	586	-67	0.711	0.48
8	250	13:30	17.06	6.56	325	-73	0.713	0.31
9	250	13:38	16.88	6.56	378.00	-75	0.713	0.31
10	250	13:43	17.13	6.52	386.00	-73	0.712	0.32
		\						

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min

pH - ±0.1

Conductivity - ±3%

ORP - ±10 mV

DO - ±10%

Turbidity - ±10%

PAUSES ARE DUE TO PUMP ISSUES.

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW001**	**Sampled By:**	**Dwight Chase**
Site Address:	**tlantic Ave, Brooklyn, NY**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2101**	**Project Number:**	
Reference Elevation (ft):		**Well Use:**	
Depth to Product (ft):	**NO**	**Product Elevation (ft):**	
Depth to Water (ft):	**12.19**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**18**	**Bottom Elevation (ft):**	
Height of Water Column (ft):	**5.81**	**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**12.01.2023**	**Start Purge Time:**	**12:35**
Sample Time:	**13:46:00 PM**	**End Purge Time:**	**13:45**
Purge Method:		**Sample Method:**	**Low Flow**
Purge Rate (mL/min):	**300**	**Purge Time (min):**	
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:		**Odors Observed:**	**None**
Analytical Laboratory:	**York**	**Notes:**	
Date Shipped:			
Analyses Requested: VOCs, SVOCs			

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
300	12:35	12.86	6.78	1000.0	-31	0.469	0.00
300	12:40	13.00	6.51	502.0	32	0.432	0.00
300	12:45	13.06	6.50	384.0	43	0.424	0.00
275	13:10	13.24	6.52	71.6	96	0.379	0.24
275	13:20	14.14	6.61	29.1	105	0.373	0.25
275	13:25	14.28	6.58	65.4	112	0.363	0.28
275	13:30	14.32	6.57	51.7	115	0.362	0.21
275	13:35	14.28	6.57	24.8	118	0.363	0.07
275	13:40	14.28	6.57	22.6	119	0.363	0.05
275	13:45	14.31	6.57	21.3	119	0.363	0.15

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW002**	**Sampled By:**	**Dwight Chase**
Site Address:	**40 Atlantic Ave, Brooklyn**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2101**	**Project Number:**	**ZDG2101**
Reference Elevation (ft):		**Well Use:**	
Depth to Product (ft):	**NO**	**Product Elevation (ft):**	
Depth to Water (ft):	**12.31**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**18**	**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**12.01.23**	**Start Purge Time:**	
Sample Time:	**12:22**	**End Purge Time:**	
Purge Method:		**Sample Method:**	
Purge Rate (mL/min):	**375**	**Purge Time (min):**	
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:		**Odors Observed:**	**None**
Analytical Laboratory:	**York**	**Notes:**	
Date Shipped:	**12/1/2023**		
Analyses Requested: VOCs. SVOCs			

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
375	11:30	12.36	6.75	525.0	-6	0.592	0.00
375	11:45	12.74	6.59	110.0	-92	0.602	0.00
375	11:50	13.16	6.60	86.3	-94	0.595	0.00
375	11:55	13.40	6.62	51.0	-98	0.596	0.00
375	12:05	13.64	6.63	10.3	-103	0.592	0.00
375	12:10	13.78	6.61	0.0	-103	0.590	0.00
375	12:15	13.81	6.58	0.0	-102	0.590	0.00
375	12:20	13.80	6.59	0.0	-102	0.590	0.00

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW003**	**Sampled By:**	**Dwight Chase**
Site Address:	**Atlantic Ave, brooklyn, NY**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2101**	**Project Number:**	
Reference Elevation (ft):		**Well Use:**	
Depth to Product (ft):	**NO**	**Product Elevation (ft):**	
Depth to Water (ft):	**32.28'**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):		**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**12.01.23**	**Start Purge Time:**	**10:00**
Sample Time:	**10:47**	**End Purge Time:**	**10:45**
Purge Method:	**Low Flow**	**Sample Method:**	
Purge Rate (mL/min):	**300**	**Purge Time (min):**	**45**
Actual Purge Volume (gal):	**3**	**Casing Volumes Removed:**	
Sample Appearance:		**Odors Observed:**	**None**
Analytical Laboratory:	**York**	**Notes:**	
Date Shipped:	**12/1/2033**		
Analyses Requested: VOCs, SVOCs			

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
500	10:00	8.64	6.90	1000.0	140	0.484	6.30
500	10:05	10.73	6.54	897.0	165	0.469	3.89
500	10:11	12.25	6.46	336.0	173	0.456	3.32
500	10:15	14.29	6.46	229.0	176	0.434	2.78
500	10:20	14.73	6.46	199.0	178	0.430	2.70
500	10:25	14.94	6.46	139.0	180	0.431	2.44
500	10:30	15.05	6.46	63.9	182	0.431	2.43
500	10:35	15.08	6.46	45.5	183	0.432	2.44
500	10:40	15.17	6.46	43.0	184	0.433	2.28
500	10:45	15.26	6.46	44.2	185	0.43	2.21

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW001**	**Sampled By:**	**Andres Ballares**
Site Address:	**tlantic Ave, Brooklyn, NY**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2101**	**Project Number:**	
Reference Elevation (ft):		**Well Use:**	**Monitoring**
Depth to Product (ft):	**NP**	**Product Elevation (ft):**	
Depth to Water (ft):	**11.91**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**15.26**	**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**3/29/2024**	**Start Purge Time:**	**9:40**
Sample Time:	**10:30**	**End Purge Time:**	**10:30**
Purge Method:		**Sample Method:**	
Purge Rate (mL/min):	**300**	**Purge Time (min):**	
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:	**Clear**	**Odors Observed:**	**none**
Analytical Laboratory:	**YORK**	**Notes: DUP**	
Date Shipped:	**3/29/2024**		
Analyses Requested: VOCs and SVOCs			

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
350	9:40	13.27	7.64	143.0	-10	0.698	12.80
300	9:45	13.38	7.60	126.0	-65	0.693	12.13
300	9:50	13.97	7.54	101.0	-71	0.686	12.99
275	9:55	14.05	7.52	89.5	-72	0.671	12.54
275	10:00	14.14	7.49	77.8	-74	0.675	13.11
275	10:05	14.18	7.47	67.0	-75	0.692	13.48
275	10:10	14.22	7.45	53.7	-76	0.696	12.56
275	10:15	14.27	7.43	41.6	-76	0.690	13.14
275	10:20	14.32	7.41	39.2	-76	0.703	12.56
275	10:25	14.37	7.39	32.8	-76	0.702	12.28
275	10:30	14.34	7.38	30.2	-78	0.672	11.28

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW002**	**Sampled By:**	**Dwight Chase**
Site Address:	**Atlantic Ave, Brooklyn, Ny**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2101**	**Project Number:**	
Reference Elevation (ft):		**Well Use:**	**Monitoring**
Depth to Product (ft):	**NP**	**Product Elevation (ft):**	
Depth to Water (ft):	**11.54**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**19.28**	**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**3/29/2024**	**Start Purge Time:**	**8:05**
Sample Time:	**9:00**	**End Purge Time:**	**9:00**
Purge Method:		**Sample Method:**	
Purge Rate (mL/min):	**250**	**Purge Time (min):**	**55**
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:	**Clear**	**Odors Observed:**	**None**
Analytical Laboratory:	**York**	**Notes: Ms/MSD**	
Date Shipped:			
Analyses Requested: VOCs and SVOCs			

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
250	8:05	11.26	9.20	841.0	-14	0.479	11.73
250	8:10	13.01	8.22	647.0	45	0.440	10.37
250	8:15	13.48	7.98	517.0	67	0.430	9.95
250	8:20	13.71	7.87	343.0	79	0.424	9.72
250	8:25	13.90	7.81	275.0	87	0.421	9.78
250	8:30	14.04	7.74	245.0	94	0.419	9.56
250	8:35	14.12	7.76	189.0	99	0.418	9.44
250	8:40	14.19	7.61	172.0	102	0.417	9.34
250	8:45	14.32	7.55	138.0	106	0.416	10.72
250	8:50	14.40	7.50	113.0	108	0.416	9.09
250	8:55	14.48	7.47	83.3	110	0.416	8.95
250	9:00	14.54	7.44	80.4	111	0.415	8.91

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW003**	**Sampled By:**	**Andres Ballares**
Site Address:	**Atlantic Ave, brooklyn, NY**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2101**	**Project Number:**	
Reference Elevation (ft):		**Well Use:**	**Monitoring**
Depth to Product (ft):	**NP**	**Product Elevation (ft):**	
Depth to Water (ft):	**31.36**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**39.38**	**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**3/29/2024**	**Start Purge Time:**	**10:00**
Sample Time:	**11:55**	**End Purge Time:**	**10:45**
Purge Method:		**Sample Method:**	
Purge Rate (mL/min):		**Purge Time (min):**	
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:		**Odors Observed:**	
Analytical Laboratory:	**YORK**	**Well sampled with a check valve, no parameters**	
Date Shipped:			
Analyses Requested: VOCs, SVOCs			

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW001**	**Sampled By:**	**Andres Ballares**
Site Address:	**tlantic Ave, Brooklyn, NY**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2101**	**Project Number:**	
Reference Elevation (ft):		**Well Use:**	**Monitoring**
Depth to Product (ft):	**NP**	**Product Elevation (ft):**	
Depth to Water (ft):	**12.29**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**18**	**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**6/25/2024**	**Start Purge Time:**	**12:40**
Sample Time:	**13:12**	**End Purge Time:**	**13:10**
Purge Method:		**Sample Method:**	**Low Flow**
Purge Rate (mL/min):	**300**	**Purge Time (min):**	
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:	**Clear**	**Odors Observed:**	**none**
Analytical Laboratory:	**YORK**	**Notes:**	
Date Shipped:	**6/25/2024**		
Analyses Requested:	**VOCs and SVOCs**		

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
350	12:40	14.05	7.42	112.0	-42	0.603	1.04
300	12:45	14.63	7.34	90.3	-66	0.611	0.85
300	12:50	14.69	7.29	83.6	-71	0.622	0.85
275	12:55	14.73	7.29	55.1	-71	0.625	0.85
275	13:00	14.73	7.29	41.6	-71	0.627	0.85
275	13:05	14.73	7.29	38.5	-71	0.628	0.85
275	13:10	14.73	7.29	31.3	-71	0.628	0.85

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW002**	**Sampled By:**	**Andres Ballares**
Site Address:	**tlantic Ave, Brooklyn, NY**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2402**	**Project Number:**	**ZDG2402**
Reference Elevation (ft):		**Well Use:**	**Monitoring**
Depth to Product (ft):	**NP**	**Product Elevation (ft):**	
Depth to Water (ft):	**12.54**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**18**	**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**6/25/2024**	**Start Purge Time:**	**15:00**
Sample Time:	**15:31**	**End Purge Time:**	**15:30**
Purge Method:		**Sample Method:**	**Low Flow**
Purge Rate (mL/min):	**300**	**Purge Time (min):**	
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:	**Clear**	**Odors Observed:**	**none**
Analytical Laboratory:	**YORK**	**Notes:**	
Date Shipped:	**6/25/2024**		
Analyses Requested:	**VOCs and SVOCs**		

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
350	15:00	13.56	6.88	252.0	-72	4.770	8.15
300	15:05	13.68	6.28	191.0	-89	4.700	5.57
300	15:10	13.68	6.52	122	-91	4.700	5.04
275	15:15	13.67	6.75	78.0	-96	4.650	5.62
275	15:20	13.65	6.73	37.0	-97	4.570	5.40
275	15:25	13.61	6.72	33.0	-97	4.500	5.31
275	15:30	13.56	6.72	31.0	-97	4.470	5.50

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

P.W. GROSSER CONSULTING, Inc

Groundwater Monitoring Well - Low Flow Sampling Log

Well Designation:	**MW003**	**Sampled By:**	**Andres Ballares**
Site Address:	**tlantic Ave, Brooklyn, NY**	**Project Manager:**	**Ryan Morley**
Project Name:	**ZDG2402**	**Project Number:**	**ZDG2402**
Reference Elevation (ft):		**Well Use:**	**Monitoring**
Depth to Product (ft):	**NP**	**Product Elevation (ft):**	
Depth to Water (ft):	**32.45**	**Groundwater Elevation (ft):**	
Depth to Bottom (ft):	**40**	**Bottom Elevation (ft):**	
Height of Water Column (ft):		**Well Diameter (in):**	**2**
Standing Water Volume (gal):		**Calculated Purge Volume (gal):**	
Sample Date:	**6/28/2024**	**Start Purge Time:**	**10:20**
Sample Time:	**10:38**	**End Purge Time:**	**10:35**
Purge Method:		**Sample Method:**	**Low Flow**
Purge Rate (mL/min):	**225**	**Purge Time (min):**	
Actual Purge Volume (gal):		**Casing Volumes Removed:**	
Sample Appearance:	**Clear**	**Odors Observed:**	**none**
Analytical Laboratory:	**YORK**	**Notes:**	
Date Shipped:	**6/28/2024**		
Analyses Requested:	**VOCs and SVOCs**		

Field Indicator Parameters

Flow Rate (mL/min)	Time	Temp. (˚C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
225	10:20	12.04	7.22	183.0	-141	6.000	8.11
225	10:25	12.91	7.25	39.0	-126	5.920	7.12
225	10:30	12.90	7.25	17.3	-124	5.810	7.08
225	10:35	12.93	7.25	15.3	-121	5.880	6.99

- Take readings every 5 minutes until well stabilized
- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% **pH**: ±0.1
Turbidity: ±10% **ORP**: ±10 mV
Conductivity: ±3% **DO**: ±10%

APPENDIX D

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Report Date: 07/28/2023
Client Project ID: ZDG2101 Atlantic Ave
York Project (SDG) No.: 23G1333

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 07/28/2023
Client Project ID: ZDG2101 Atlantic Ave
York Project (SDG) No.: 23G1333

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 24, 2023 and listed below. The project was identified as your project: **ZDG2101 Atlantic Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G1333-01	MW001	Water	07/21/2023	07/24/2023
23G1333-02	MW002	Water	07/21/2023	07/24/2023
23G1333-03	MW003	Water	07/21/2023	07/24/2023
23G1333-04	TB	Water	07/21/2023	07/24/2023

General Notes for York Project (SDG) No.: 23G1333

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 07/28/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW001 **York Sample ID:** 23G1333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 1:54 pm	07/24/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.750	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:04	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.6 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **23G1333-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 1:54 pm	07/24/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/25/2023 13:53	07/26/2023 16:44	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.7 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*172 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.100**	B	ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **23G1333-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 1:54 pm	07/24/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0800**		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/26/2023 13:34	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **23G1333-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 12:37 pm	07/24/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.750	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/26/2023 06:46	07/27/2023 09:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*127 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.5 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **23G1333-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 12:37 pm	07/24/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/25/2023 13:53	07/27/2023 17:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.7 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*158 %*	S-08 *39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.460**	B	ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **23G1333-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 12:37 pm	07/24/2023

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.160**		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 00:43	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **23G1333-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 4:20 pm	07/24/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.750	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/26/2023 06:46	07/27/2023 10:47	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*127 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.5 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW003 **York Sample ID:** 23G1333-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 4:20 pm	07/24/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/25/2023 13:53	07/27/2023 18:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*81.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*130 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.8 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW003 **York Sample ID:** 23G1333-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 4:20 pm	07/24/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/25/2023 13:53	07/27/2023 01:13	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: TB **York Sample ID:** 23G1333-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1333	ZDG2101 Atlantic Ave	Water	July 21, 2023 5:00 pm	07/24/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.750	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/26/2023 06:46	07/27/2023 04:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*79-122*

Analytical Batch Summary

Batch ID: BG31402 **Preparation Method:** EPA 3510C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1333-01	MW001	07/25/23
23G1333-02	MW002	07/25/23
23G1333-03	MW003	07/25/23
BG31402-BLK1	Blank	07/25/23
BG31402-BLK2	Blank	07/25/23
BG31402-BS1	LCS	07/25/23
BG31402-BS2	LCS	07/25/23
BG31402-MS1	Matrix Spike	07/25/23
BG31402-MSD1	Matrix Spike Dup	07/25/23

Batch ID: BG31601 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G1333-01	MW001	07/26/23
23G1333-02	MW002	07/26/23
23G1333-03	MW003	07/26/23
23G1333-04	TB	07/26/23
BG31601-BLK1	Blank	07/26/23
BG31601-BS1	LCS	07/26/23
BG31601-BSD1	LCS Dup	07/26/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31601 - EPA 5030B											
Blank (BG31601-BLK1)											Prepared: 07/26/2023 Analyzed: 07/27/2023
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	0.490	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.5*		*"*	*10.0*		*115*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.18*		*"*	*10.0*		*91.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*79-122*				
LCS (BG31601-BS1)											Prepared: 07/26/2023 Analyzed: 07/27/2023
1,2,4-Trimethylbenzene	10.1		ug/L	10.0		101	82-132				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
Benzene	10.4		"	10.0		104	85-126				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Isopropylbenzene	9.96		"	10.0		99.6	76-140				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Naphthalene	9.27		"	10.0		92.7	70-147				
n-Butylbenzene	9.93		"	10.0		99.3	79-132				
n-Propylbenzene	9.66		"	10.0		96.6	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	22.1		"	20.0		110	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	9.66		"	10.0		96.6	79-137				
tert-Butylbenzene	8.67		"	10.0		86.7	77-138				
Toluene	10.3		"	10.0		103	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.23*		*"*	*10.0*		*92.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.46*		*"*	*10.0*		*94.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31601 - EPA 5030B											
LCS Dup (BG31601-BSD1)									Prepared: 07/26/2023 Analyzed: 07/27/2023		
1,2,4-Trimethylbenzene	9.78		ug/L	10.0		97.8	82-132		3.61	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		4.53	30	
Benzene	10.0		"	10.0		100	85-126		3.91	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		3.21	30	
Isopropylbenzene	9.57		"	10.0		95.7	76-140		3.99	30	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135		1.71	30	
Naphthalene	9.34		"	10.0		93.4	70-147		0.752	30	
n-Butylbenzene	9.39		"	10.0		93.9	79-132		5.59	30	
n-Propylbenzene	9.23		"	10.0		92.3	78-133		4.55	30	
o-Xylene	10.7		"	10.0		107	78-130		3.50	30	
p- & m- Xylenes	21.3		"	20.0		106	77-133		3.69	30	
p-Isopropyltoluene	9.69		"	10.0		96.9	81-136		5.23	30	
sec-Butylbenzene	9.19		"	10.0		91.9	79-137		4.99	30	
tert-Butylbenzene	8.24		"	10.0		82.4	77-138		5.09	30	
Toluene	9.97		"	10.0		99.7	80-127		3.45	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.29*		*"*	*10.0*		*92.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.39*		*"*	*10.0*		*93.9*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31402 - EPA 3510C											
Blank (BG31402-BLK1)											Prepared: 07/25/2023 Analyzed: 07/26/2023
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*14.2*		*"*	*50.0*		*28.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.04*		*"*	*50.0*		*14.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.4*		*"*	*25.0*		*69.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.7*		*"*	*25.0*		*70.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*77.9*		*"*	*50.0*		*156*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.9*		*"*	*25.0*		*83.8*	*30.7-106*				
Blank (BG31402-BLK2)											Prepared: 07/25/2023 Analyzed: 07/26/2023
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.100	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BG31402-BS1)											Prepared: 07/25/2023 Analyzed: 07/26/2023
2-Methylnaphthalene	14.2	5.00	ug/L	25.0		56.7	24-118				
Surrogate: SURR: 2-Fluorophenol	*16.4*		*"*	*50.0*		*32.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.64*		*"*	*50.0*		*17.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.7*		*"*	*25.0*		*74.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		*"*	*25.0*		*74.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*81.8*		*"*	*50.0*		*164*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.9*		*"*	*25.0*		*87.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31402 - EPA 3510C											
LCS (BG31402-BS2)								Prepared: 07/25/2023 Analyzed: 07/26/2023			
Acenaphthene	0.710	0.0500	ug/L	1.00		71.0	25-116				
Acenaphthylene	0.800	0.0500	"	1.00		80.0	26-116				
Anthracene	0.840	0.0500	"	1.00		84.0	25-123				
Benzo(a)anthracene	0.840	0.0500	"	1.00		84.0	33-125				
Benzo(a)pyrene	0.820	0.0500	"	1.00		82.0	32-132				
Benzo(b)fluoranthene	0.880	0.0500	"	1.00		88.0	22-137				
Benzo(g,h,i)perylene	0.960	0.0500	"	1.00		96.0	10-138				
Benzo(k)fluoranthene	0.800	0.0500	"	1.00		80.0	20-137				
Chrysene	0.790	0.0500	"	1.00		79.0	32-124				
Dibenzo(a,h)anthracene	0.960	0.0500	"	1.00		96.0	16-133				
Fluoranthene	0.840	0.0500	"	1.00		84.0	32-121				
Fluorene	0.810	0.0500	"	1.00		81.0	28-118				
Indeno(1,2,3-cd)pyrene	1.01	0.0500	"	1.00		101	15-135				
Naphthalene	0.750	0.0500	"	1.00		75.0	18-120				
Phenanthrene	0.790	0.0500	"	1.00		79.0	24-127				
Pyrene	0.770	0.0500	"	1.00		77.0	31-132				
Matrix Spike (BG31402-MS1)	*Source sample: 23G1300-01 (Matrix Spike)							Prepared: 07/25/2023 Analyzed: 07/26/2023			
2-Methylnaphthalene	20.4	5.00	ug/L	25.0	ND	81.6	10-112				
Surrogate: SURR: 2-Fluorophenol	*17.1*		*"*	*50.0*		*34.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.32*		*"*	*50.0*		*18.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.1*		*"*	*25.0*		*80.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.9*		*"*	*25.0*		*79.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*83.0*		*"*	*50.0*		*166*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.6*		*"*	*25.0*		*70.2*	*30.7-106*				
Matrix Spike Dup (BG31402-MSD1)	*Source sample: 23G1300-01 (Matrix Spike Dup)							Prepared: 07/25/2023 Analyzed: 07/26/2023			
2-Methylnaphthalene	27.3	5.00	ug/L	25.0	ND	109	10-112		28.7	25	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*20.4*		*"*	*50.0*		*40.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.2*		*"*	*50.0*		*24.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*25.5*		*"*	*25.0*		*102*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*25.5*		*"*	*25.0*		*102*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*117*		*"*	*50.0*		*233*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*28.3*		*"*	*25.0*		*113*	*30.7-106*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G1333-01	MW001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1333-02	MW002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1333-03	MW003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1333-04	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23G-1333

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 JOHNSON AVE BOHEMIA	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone.:
Contact: ryanm@pwgrosser.com Ryan Morley	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: ZDG2101

YOUR Project Name: Atlantic Ave

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

KYLIE McCLAY

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other:	

Report / EDD Type (circle selections)

Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW001	GW	07-21-23 1237	VOCs, SVOCs, CP-51		5
MW002	GW	07-21-23 1620	VOCs, SVOCs, CP-51		5
MW003	GW	07-21-23 1700	VOCs, SVOCs, CP-51		5
TB	DI		VOCs 8P-51		

Comments: Samples put on Ice, then refrigerated upon receipt

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: none

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kylie McClay PWGC	07-21-23 1900	KBarbyork	7/24/23 1115 PM	KBarbyork	7/24/23 1JSC
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time: 7/24/23 1JSC; Temperature: 3.0 Degrees C

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Report Date: 12/07/2023
Client Project ID: ZDG2101
York Project (SDG) No.: 23L0081

Report Date: 12/07/2023
Client Project ID: ZDG2101
York Project (SDG) No.: 23L0081

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 01, 2023 and listed below. The project was identified as your project: **ZDG2101**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23L0081-01	MW003	Ground Water	12/01/2023	12/01/2023
23L0081-02	MW002	Ground Water	12/01/2023	12/01/2023
23L0081-03	MW001	Ground Water	12/01/2023	12/01/2023
23L0081-04	TB001	Water	12/01/2023	12/01/2023
23L0081-05	DUP001	Ground Water	12/01/2023	12/01/2023

General Notes for York Project (SDG) No.: 23L0081

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 12/07/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW003 **York Sample ID:** 23L0081-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 10:46 am	12/01/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	12/05/2023 06:15	12/06/2023 02:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW003 **York Sample ID:** 23L0081-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 10:46 am	12/01/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	12/04/2023 07:28	12/05/2023 00:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0200 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.180 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.6 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.2 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.0 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **23L0081-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 10:46 am	12/01/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **23L0081-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 12:22 pm	12/01/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.630**		ug/L	0.444	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	12/05/2023 06:15	12/06/2023 03:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.7 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW002 **York Sample ID:** 23L0081-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 12:22 pm	12/01/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	12/04/2023 07:28	12/05/2023 00:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.100 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.220 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*28.9 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*22.4 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*27.2 %*	S-08	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW002 **York Sample ID:** 23L0081-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 12:22 pm	12/01/2023

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 04:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **23L0081-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 1:47 pm	12/01/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW001 **York Sample ID:** 23L0081-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 1:47 pm	12/01/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	12/04/2023 07:28	12/05/2023 01:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.0200 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.100 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.5 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.6 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.3 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW001 **York Sample ID:** 23L0081-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 1:47 pm	12/01/2023

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/04/2023 07:28	12/05/2023 05:03	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Sample Information

Client Sample ID: **TB001** **York Sample ID:** **23L0081-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Water	December 1, 2023 2:00 pm	12/01/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	12/05/2023 06:15	12/06/2023 00:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: DUP001 **York Sample ID:** 23L0081-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 3:00 pm	12/01/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	12/05/2023 06:15	12/06/2023 04:52	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **DUP001** **York Sample ID:** **23L0081-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 3:00 pm	12/01/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	12/05/2023 15:17	12/06/2023 13:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.2 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*9.72 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.4 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.4 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.0 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.5 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP001 **York Sample ID:** 23L0081-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23L0081	ZDG2101	Ground Water	December 1, 2023 3:00 pm	12/01/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	12/05/2023 15:17	12/06/2023 13:48	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Analytical Batch Summary

Batch ID: BL30107 **Preparation Method:** EPA 3510C **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23L0081-01	MW003	12/04/23
23L0081-02	MW002	12/04/23
23L0081-03	MW001	12/04/23
BL30107-BLK1	Blank	12/04/23
BL30107-BLK2	Blank	12/04/23
BL30107-BS1	LCS	12/04/23
BL30107-BS2	LCS	12/04/23
BL30107-BSD1	LCS Dup	12/04/23

Batch ID: BL30265 **Preparation Method:** EPA 3510C **Prepared By:** JJG

YORK Sample ID	Client Sample ID	Preparation Date
23L0081-05	DUP001	12/05/23
BL30265-BLK1	Blank	12/05/23
BL30265-BLK2	Blank	12/05/23
BL30265-BS1	LCS	12/05/23
BL30265-BS2	LCS	12/05/23
BL30265-MS1	Matrix Spike	12/05/23
BL30265-MSD1	Matrix Spike Dup	12/05/23

Batch ID: BL30294 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23L0081-01	MW003	12/05/23
23L0081-02	MW002	12/05/23
23L0081-03	MW001	12/05/23
23L0081-04	TB001	12/05/23
23L0081-05	DUP001	12/05/23
BL30294-BLK1	Blank	12/05/23
BL30294-BS1	LCS	12/05/23
BL30294-BSD1	LCS Dup	12/05/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL30294 - EPA 5030B											
Blank (BL30294-BLK1)								Prepared & Analyzed: 12/05/2023			
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	0.240	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.82*		*"*	*10.0*		*98.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS (BL30294-BS1)								Prepared & Analyzed: 12/05/2023			
1,2,4-Trimethylbenzene	10.2		ug/L	10.0		102	82-132				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
Benzene	9.98		"	10.0		99.8	85-126				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Isopropylbenzene	10.0		"	10.0		100	76-140				
Methyl tert-butyl ether (MTBE)	9.35		"	10.0		93.5	76-135				
Naphthalene	10.0		"	10.0		100	70-147				
n-Butylbenzene	10.4		"	10.0		104	79-132				
n-Propylbenzene	10.0		"	10.0		100	78-133				
o-Xylene	9.83		"	10.0		98.3	78-130				
p- & m- Xylenes	20.2		"	20.0		101	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	9.97		"	10.0		99.7	79-137				
tert-Butylbenzene	8.58		"	10.0		85.8	77-138				
Toluene	9.94		"	10.0		99.4	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL30294 - EPA 5030B											
LCS Dup (BL30294-BSD1)								Prepared & Analyzed: 12/05/2023			
1,2,4-Trimethylbenzene	10.2		ug/L	10.0		102	82-132		0.490	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		1.73	30	
Benzene	9.88		"	10.0		98.8	85-126		1.01	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		0.294	30	
Isopropylbenzene	9.90		"	10.0		99.0	76-140		1.40	30	
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	76-135		0.321	30	
Naphthalene	10.1		"	10.0		101	70-147		0.892	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		0.869	30	
n-Propylbenzene	9.86		"	10.0		98.6	78-133		1.41	30	
o-Xylene	9.80		"	10.0		98.0	78-130		0.306	30	
p- & m- Xylenes	20.1		"	20.0		101	77-133		0.495	30	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		1.18	30	
sec-Butylbenzene	9.85		"	10.0		98.5	79-137		1.21	30	
tert-Butylbenzene	8.47		"	10.0		84.7	77-138		1.29	30	
Toluene	9.85		"	10.0		98.5	80-127		0.910	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL30107 - EPA 3510C											
Blank (BL30107-BLK1)										Prepared & Analyzed: 12/04/2023	
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*19.2*		*"*	*50.0*		*38.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.5*		*"*	*50.0*		*21.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.3*		*"*	*25.0*		*73.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.3*		*"*	*25.0*		*69.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.4*		*"*	*50.0*		*86.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.1*		*"*	*25.0*		*84.4*	*30.7-106*				
Blank (BL30107-BLK2)										Prepared & Analyzed: 12/04/2023	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BL30107-BS1)										Prepared & Analyzed: 12/04/2023	
2-Methylnaphthalene	15.5	5.00	ug/L	25.0		62.0	24-118				
Surrogate: SURR: 2-Fluorophenol	*17.5*		*"*	*50.0*		*34.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.71*		*"*	*50.0*		*19.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.3*		*"*	*25.0*		*73.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.2*		*"*	*25.0*		*64.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.6*		*"*	*50.0*		*87.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.0*		*"*	*25.0*		*72.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL30107 - EPA 3510C											
LCS (BL30107-BS2)							Prepared & Analyzed: 12/04/2023				
Acenaphthene	0.760	0.0500	ug/L	1.00		76.0	25-116				
Acenaphthylene	0.790	0.0500	"	1.00		79.0	26-116				
Anthracene	0.820	0.0500	"	1.00		82.0	25-123				
Benzo(a)anthracene	0.790	0.0500	"	1.00		79.0	33-125				
Benzo(a)pyrene	0.710	0.0500	"	1.00		71.0	32-132				
Benzo(b)fluoranthene	0.830	0.0500	"	1.00		83.0	22-137				
Benzo(g,h,i)perylene	0.870	0.0500	"	1.00		87.0	10-138				
Benzo(k)fluoranthene	0.850	0.0500	"	1.00		85.0	20-137				
Chrysene	0.850	0.0500	"	1.00		85.0	32-124				
Dibenzo(a,h)anthracene	0.870	0.0500	"	1.00		87.0	16-133				
Fluoranthene	0.830	0.0500	"	1.00		83.0	32-121				
Fluorene	0.840	0.0500	"	1.00		84.0	28-118				
Indeno(1,2,3-cd)pyrene	0.810	0.0500	"	1.00		81.0	15-135				
Naphthalene	0.750	0.0500	"	1.00		75.0	18-120				
Phenanthrene	0.800	0.0500	"	1.00		80.0	24-127				
Pyrene	0.790	0.0500	"	1.00		79.0	31-132				
LCS Dup (BL30107-BSD1)							Prepared & Analyzed: 12/04/2023				
2-Methylnaphthalene	14.9	5.00	ug/L	25.0		59.8	24-118		3.68	20	
Surrogate: SURR: 2-Fluorophenol	*17.1*		*"*	*50.0*		*34.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.06*		*"*	*50.0*		*18.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.5*		*"*	*25.0*		*74.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.5*		*"*	*25.0*		*65.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.7*		*"*	*50.0*		*83.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*68.9*	*30.7-106*				
Batch BL30265 - EPA 3510C											
Blank (BL30265-BLK1)							Prepared: 12/05/2023 Analyzed: 12/06/2023				
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*18.7*		*"*	*50.0*		*37.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.01*		*"*	*50.0*		*10.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.3*		*"*	*25.0*		*65.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.9*		*"*	*25.0*		*67.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*36.5*		*"*	*50.0*		*73.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.3*		*"*	*25.0*		*73.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL30265 - EPA 3510C											
Blank (BL30265-BLK2)											Prepared: 12/05/2023 Analyzed: 12/06/2023
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BL30265-BS1)											Prepared: 12/05/2023 Analyzed: 12/06/2023
2-Methylnaphthalene	19.2	5.00	ug/L	25.0		76.7	24-118				
Surrogate: SURR: 2-Fluorophenol	*24.0*		*"*	*50.0*		*48.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*14.7*		*"*	*50.0*		*29.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.4*		*"*	*25.0*		*77.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.9*		*"*	*25.0*		*71.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.6*		*"*	*50.0*		*89.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.1*		*"*	*25.0*		*76.2*	*30.7-106*				
LCS (BL30265-BS2)											Prepared: 12/05/2023 Analyzed: 12/06/2023
Acenaphthene	0.550	0.0500	ug/L	1.00		55.0	25-116				
Acenaphthylene	0.640	0.0500	"	1.00		64.0	26-116				
Anthracene	0.520	0.0500	"	1.00		52.0	25-123				
Benzo(a)anthracene	0.650	0.0500	"	1.00		65.0	33-125				
Benzo(a)pyrene	0.570	0.0500	"	1.00		57.0	32-132				
Benzo(b)fluoranthene	0.640	0.0500	"	1.00		64.0	22-137				
Benzo(g,h,i)perylene	0.660	0.0500	"	1.00		66.0	10-138				
Benzo(k)fluoranthene	0.670	0.0500	"	1.00		67.0	20-137				
Chrysene	0.650	0.0500	"	1.00		65.0	32-124				
Dibenzo(a,h)anthracene	0.670	0.0500	"	1.00		67.0	16-133				
Fluoranthene	0.690	0.0500	"	1.00		69.0	32-121				
Fluorene	0.650	0.0500	"	1.00		65.0	28-118				
Indeno(1,2,3-cd)pyrene	0.620	0.0500	"	1.00		62.0	15-135				
Naphthalene	0.530	0.0500	"	1.00		53.0	18-120				
Phenanthrene	0.610	0.0500	"	1.00		61.0	24-127				
Pyrene	0.600	0.0500	"	1.00		60.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL30265 - EPA 3510C											
Matrix Spike (BL30265-MS1)	*Source sample: 23L0157-02 (Matrix Spike)								Prepared: 12/05/2023 Analyzed: 12/06/2023		
2-Methylnaphthalene	18.0	5.26	ug/L	26.3	ND	68.5	10-112				
Surrogate: SURR: 2-Fluorophenol	*17.4*		"	*52.6*		*33.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.6*		"	*52.6*		*20.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.3*		"	*26.3*		*65.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.0*		"	*26.3*		*61.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.0*		"	*52.6*		*66.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		"	*26.3*		*65.4*	*30.7-106*				
Matrix Spike Dup (BL30265-MSD1)	*Source sample: 23L0157-02 (Matrix Spike Dup)								Prepared: 12/05/2023 Analyzed: 12/06/2023		
2-Methylnaphthalene	13.6	5.00	ug/L	25.0	ND	54.6	10-112		27.7	25	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*12.9*		"	*50.0*		*25.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.71*		"	*50.0*		*15.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.5*		"	*25.0*		*54.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.8*		"	*25.0*		*51.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*27.4*		"	*50.0*		*54.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*12.0*		"	*25.0*		*48.2*	*30.7-106*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23L0081-01	MW003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0081-02	MW002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0081-03	MW001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0081-04	TB001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0081-05	DUP001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK — Field Chain-of-Custody Record

YORK Project No. 23L0081

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: P.W. Grosser Consulting Inc.	Company:	Company:
Address: 630 Johnson Ave, Suite 7 Bohemia, NY 11716	Address:	Address:
Phone: 631-589-6353	Phone:	Phone:
Contact: Ryan Marley	Contact:	Contact:
E-mail: rmarley@pwgrosser.com	E-mail:	E-mail:

YOUR Project Number: ZPG2101

YOUR Project Name:

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

DChase

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NY ASP B Package; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite; Other: Cat B

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW003	GW	12.01.23 10:46	CP-51 VOCs, CP-51 SVOCs	(2) 1000 mL Clear (3) 40 mL Vials	
MW002	↓	12:22	↓	↓	
MW001	↓	13:47	↓	↓	
TBC01		14:00	CP-51 VOCs	(2) 40 mL vials	
DUP001	GW	↓	CP-51 VOCs, CP-51 SVOCs	2) 100 mL Jar 3) 40 mL Vial	

Comments: ~~For~~ MW003: Cap of 40 ml vial broke, and liquid couldn't be contained inside. Only 2 vials

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
DChase	12.01.23 15:48	N	12/01/23 1548	N	12/01/23 1745
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon York	12/01/23 1745	Ramon York	12/01/23		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KZ	12/1/23 19:35 / 1.7 Degrees C

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Report Date: 04/10/2024
Client Project ID: ZDG2101
York Project (SDG) No.: 24C1942

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/10/2024
Client Project ID: ZDG2101
York Project (SDG) No.: 24C1942

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 29, 2024 and listed below. The project was identified as your project: **ZDG2101**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24C1942-01	MW1	Ground Water	03/29/2024	03/29/2024
24C1942-02	MW2/MS/MSD	Ground Water	03/29/2024	03/29/2024
24C1942-03	MW3	Ground Water	03/29/2024	03/29/2024
24C1942-04	Dup001	Ground Water	03/29/2024	03/29/2024
24C1942-05	Equipment Blank	Ground Water	03/29/2024	03/29/2024
24C1942-06	Trip Blank	Water	03/29/2024	03/29/2024

General Notes for York Project (SDG) No.: 24C1942

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 04/10/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW1 **York Sample ID:** 24C1942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 10:30 am	03/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	**Benzene**	**0.420**	J	ug/L	0.279	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**0.680**	J	ug/L	0.212	2.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.580**		ug/L	0.444	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	04/04/2024 10:23	04/04/2024 17:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW1** **York Sample ID:** **24C1942-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 10:30 am	03/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	04/09/2024 08:14	04/09/2024 20:17	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.800 %*	S-08, HT-PR		*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.520 %*	S-08, HT-PR		*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.1 %*	S-08, HT-PR		*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.0 %*	S-08, HT-PR		*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08, HT-PR		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.8 %*	S-08, HT-PR		*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.0700**	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0500**	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW1 **York Sample ID:** 24C1942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 10:30 am	03/29/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.100**	B, HT-01	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND	HT-01, HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.170**	HT-01, HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/09/2024 18:35	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW2/MS/MSD **York Sample ID:** 24C1942-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 9:00 am	03/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	04/04/2024 10:23	04/04/2024 18:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW2/MS/MSD **York Sample ID:** 24C1942-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 9:00 am	03/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	04/09/2024 08:14	04/09/2024 20:52	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*1.06 %*	HT-PR, S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.540 %*	S-08, HT-PR	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.3 %*	HT-PR, S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*	HT-PR, S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	HT-PR, S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.8 %*	HT-PR	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW2/MS/MSD **York Sample ID:** 24C1942-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 9:00 am	03/29/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 18:57	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW3** **York Sample ID:** **24C1942-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 11:55 am	03/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**0.340**	J	ug/L	0.261	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	**p- & m- Xylenes**	**0.770**	J	ug/L	0.578	1.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	**Toluene**	**1.13**		ug/L	0.346	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**1.11**	J	ug/L	0.839	1.50	1	EPA 8260D	04/04/2024 10:23	04/04/2024 19:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*121 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW3 **York Sample ID:** 24C1942-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 11:55 am	03/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	04/09/2024 08:14	04/09/2024 21:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*1.06 %*	HT-PR, S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.540 %*	HT-PR, S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.8 %*	HT-PR	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.5 %*	HT-PR	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	HT-PR, S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.2 %*	HT-PR	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW3 **York Sample ID:** 24C1942-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 11:55 am	03/29/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:28	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Dup001** **York Sample ID:** **24C1942-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 11:55 am	03/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	**Benzene**	**0.370**	J	ug/L	0.279	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.540**		ug/L	0.444	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	04/04/2024 10:23	04/04/2024 20:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.2 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **Dup001** **York Sample ID:** **24C1942-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 11:55 am	03/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	04/09/2024 08:14	04/09/2024 22:13	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.700 %*	HT-PR, S-08		*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.440 %*	HT-PR, S-08		*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.7 %*	HT-PR		*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.4 %*	HT-PR		*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	HT-PR, S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.1 %*	HT-PR		*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Dup001** **York Sample ID:** **24C1942-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 11:55 am	03/29/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.0700**	B, HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 19:58	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24C1942-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 12:10 pm	03/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	04/01/2024 10:00	04/01/2024 14:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24C1942-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 12:10 pm	03/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	04/09/2024 08:14	04/09/2024 22:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.540 %*	HT-PR, S-08		*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.500 %*	HT-PR, S-08		*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.7 %*	HT-PR, S-08		*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.8 %*	HT-PR		*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	HT-PR, S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.2 %*	HT-PR		*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24C1942-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Ground Water	March 29, 2024 12:10 pm	03/29/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	04/09/2024 08:14	04/05/2024 20:29	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24C1942-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1942	ZDG2101	Water	March 29, 2024 1:15 pm	03/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	04/01/2024 10:00	04/01/2024 13:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*79-122*

Analytical Batch Summary

Batch ID: BD40171 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24C1942-05	Equipment Blank	04/01/24
24C1942-06	Trip Blank	04/01/24
BD40171-BLK1	Blank	04/01/24
BD40171-BS1	LCS	04/01/24
BD40171-BSD1	LCS Dup	04/01/24

Batch ID: BD40297 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24C1942-01	MW1	04/04/24
24C1942-02	MW2/MS/MSD	04/04/24
24C1942-03	MW3	04/04/24
24C1942-04	Dup001	04/04/24
BD40297-BLK1	Blank	04/04/24
BD40297-BS1	LCS	04/04/24
BD40297-BSD1	LCS Dup	04/04/24
BD40297-MS1	Matrix Spike	04/04/24
BD40297-MSD1	Matrix Spike Dup	04/04/24

Batch ID: BD40665 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24C1942-01	MW1	04/09/24
24C1942-02	MW2/MS/MSD	04/09/24
24C1942-03	MW3	04/09/24
24C1942-04	Dup001	04/09/24
24C1942-05	Equipment Blank	04/09/24
BD40665-BLK1	Blank	04/09/24
BD40665-BLK2	Blank	04/09/24
BD40665-BS1	LCS	04/09/24
BD40665-BS2	LCS	04/09/24
BD40665-MS1	Matrix Spike	04/09/24
BD40665-MSD1	Matrix Spike Dup	04/09/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40171 - EPA 5030B											
Blank (BD40171-BLK1)								Prepared & Analyzed: 04/01/2024			
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	0.310	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.89*		*"*	*10.0*		*98.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.21*		*"*	*10.0*		*92.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				
LCS (BD40171-BS1)								Prepared & Analyzed: 04/01/2024			
1,2,4-Trimethylbenzene	10.4		ug/L	10.0		104	82-132				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
Benzene	11.4		"	10.0		114	85-126				
Ethyl Benzene	10.3		"	10.0		103	80-131				
Isopropylbenzene	10.0		"	10.0		100	76-140				
Methyl tert-butyl ether (MTBE)	9.64		"	10.0		96.4	76-135				
Naphthalene	7.70		"	10.0		77.0	70-147				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.1		"	10.0		101	78-133				
o-Xylene	9.78		"	10.0		97.8	78-130				
p- & m- Xylenes	20.5		"	20.0		102	77-133				
p-Isopropyltoluene	10.4		"	10.0		104	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
tert-Butylbenzene	8.90		"	10.0		89.0	77-138				
Toluene	9.99		"	10.0		99.9	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.13*		*"*	*10.0*		*91.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.31*		*"*	*10.0*		*93.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40171 - EPA 5030B											
LCS Dup (BD40171-BSD1)								Prepared & Analyzed: 04/01/2024			
1,2,4-Trimethylbenzene	9.60		ug/L	10.0		96.0	82-132		8.48	30	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	80-131		11.1	30	
Benzene	11.2		"	10.0		112	85-126		1.95	30	
Ethyl Benzene	9.87		"	10.0		98.7	80-131		3.97	30	
Isopropylbenzene	8.78		"	10.0		87.8	76-140		13.4	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		12.8	30	
Naphthalene	9.51		"	10.0		95.1	70-147		21.0	30	
n-Butylbenzene	9.61		"	10.0		96.1	79-132		12.2	30	
n-Propylbenzene	8.89		"	10.0		88.9	78-133		12.4	30	
o-Xylene	9.63		"	10.0		96.3	78-130		1.55	30	
p- & m- Xylenes	19.7		"	20.0		98.5	77-133		3.78	30	
p-Isopropyltoluene	9.20		"	10.0		92.0	81-136		12.3	30	
sec-Butylbenzene	9.00		"	10.0		90.0	79-137		12.9	30	
tert-Butylbenzene	7.82		"	10.0		78.2	77-138		12.9	30	
Toluene	9.55		"	10.0		95.5	80-127		4.50	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.12*		*"*	*10.0*		*91.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Batch BD40297 - EPA 5030B											
Blank (BD40297-BLK1)								Prepared & Analyzed: 04/04/2024			
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.6*		*"*	*10.0*		*116*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40297 - EPA 5030B											
LCS (BD40297-BS1)							Prepared & Analyzed: 04/04/2024				
1,2,4-Trimethylbenzene	12.6		ug/L	10.0		126	82-132				
1,3,5-Trimethylbenzene	12.7		"	10.0		127	80-131				
Benzene	9.93		"	10.0		99.3	85-126				
Ethyl Benzene	11.6		"	10.0		116	80-131				
Isopropylbenzene	12.3		"	10.0		123	76-140				
Methyl tert-butyl ether (MTBE)	9.29		"	10.0		92.9	76-135				
Naphthalene	8.93		"	10.0		89.3	70-147				
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.5		"	10.0		125	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	23.5		"	20.0		117	77-133				
p-Isopropyltoluene	11.9		"	10.0		119	81-136				
sec-Butylbenzene	11.6		"	10.0		116	79-137				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Toluene	11.1		"	10.0		111	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*79-122*				
LCS Dup (BD40297-BSD1)							Prepared & Analyzed: 04/04/2024				
1,2,4-Trimethylbenzene	11.2		ug/L	10.0		112	82-132		12.1	30	
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131		13.2	30	
Benzene	10.1		"	10.0		101	85-126		1.60	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		5.60	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		15.7	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		15.5	30	
Naphthalene	9.05		"	10.0		90.5	70-147		1.33	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		12.0	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		15.7	30	
o-Xylene	10.9		"	10.0		109	78-130		3.79	30	
p- & m- Xylenes	22.2		"	20.0		111	77-133		5.38	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		13.2	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		14.0	30	
tert-Butylbenzene	8.83		"	10.0		88.3	77-138		14.3	30	
Toluene	10.4		"	10.0		104	80-127		6.22	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40297 - EPA 5030B											
Matrix Spike (BD40297-MS1)	*Source sample: 24C1942-02 (MW2/MS/MSD)							Prepared & Analyzed: 04/04/2024			
1,2,4-Trimethylbenzene	9.46		ug/L	10.0	0.00	94.6	72-129				
1,3,5-Trimethylbenzene	9.50		"	10.0	0.00	95.0	69-126				
Benzene	10.5		"	10.0	0.00	105	38-155				
Ethyl Benzene	10.7		"	10.0	0.00	107	72-128				
Isopropylbenzene	9.29		"	10.0	0.00	92.9	66-139				
Methyl tert-butyl ether (MTBE)	12.2		"	10.0	0.00	122	75-128				
Naphthalene	8.95		"	10.0	0.200	87.5	39-158				
n-Butylbenzene	7.70		"	10.0	0.00	77.0	61-138				
n-Propylbenzene	8.77		"	10.0	0.00	87.7	66-134				
o-Xylene	10.8		"	10.0	0.00	108	69-126				
p- & m- Xylenes	21.2		"	20.0	0.00	106	67-130				
p-Isopropyltoluene	8.20		"	10.0	0.00	82.0	64-137				
sec-Butylbenzene	8.50		"	10.0	0.00	85.0	53-155				
tert-Butylbenzene	8.03		"	10.0	0.00	80.3	65-139				
Toluene	10.7		"	10.0	0.00	107	76-123				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
Matrix Spike Dup (BD40297-MSD1)	*Source sample: 24C1942-02 (MW2/MS/MSD)							Prepared & Analyzed: 04/04/2024			
1,2,4-Trimethylbenzene	9.92		ug/L	10.0	0.00	99.2	72-129		4.75	30	
1,3,5-Trimethylbenzene	9.77		"	10.0	0.00	97.7	69-126		2.80	30	
Benzene	9.62		"	10.0	0.00	96.2	38-155		8.84	30	
Ethyl Benzene	10.3		"	10.0	0.00	103	72-128		4.01	30	
Isopropylbenzene	9.39		"	10.0	0.00	93.9	66-139		1.07	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0	0.00	110	75-128		10.0	30	
Naphthalene	9.20		"	10.0	0.200	90.0	39-158		2.75	30	
n-Butylbenzene	8.91		"	10.0	0.00	89.1	61-138		14.6	30	
n-Propylbenzene	9.29		"	10.0	0.00	92.9	66-134		5.76	30	
o-Xylene	10.4		"	10.0	0.00	104	69-126		4.43	30	
p- & m- Xylenes	20.7		"	20.0	0.00	104	67-130		2.15	30	
p-Isopropyltoluene	8.96		"	10.0	0.00	89.6	64-137		8.86	30	
sec-Butylbenzene	8.93		"	10.0	0.00	89.3	53-155		4.93	30	
tert-Butylbenzene	7.99		"	10.0	0.00	79.9	65-139		0.499	30	
Toluene	10.1		"	10.0	0.00	101	76-123		6.05	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40665 - EPA 3510C											
Blank (BD40665-BLK1)										Prepared & Analyzed: 04/09/2024	
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*13.7*		*"*	*50.0*		*27.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.39*		*"*	*50.0*		*18.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.6*		*"*	*25.0*		*86.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		*"*	*25.0*		*74.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.1*		*"*	*50.0*		*94.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.2*		*"*	*25.0*		*88.8*	*30.7-106*				
Blank (BD40665-BLK2)										Prepared: 04/09/2024 Analyzed: 04/10/2024	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0500	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BD40665-BS1)										Prepared & Analyzed: 04/09/2024	
2-Methylnaphthalene	21.3	5.00	ug/L	25.0		85.4	24-118				
Surrogate: SURR: 2-Fluorophenol	*18.0*		*"*	*50.0*		*36.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*11.1*		*"*	*50.0*		*22.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.8*		*"*	*25.0*		*87.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.4*		*"*	*25.0*		*77.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.3*		*"*	*50.0*		*103*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.3*		*"*	*25.0*		*85.3*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40665 - EPA 3510C											
LCS (BD40665-BS2)								Prepared: 04/09/2024 Analyzed: 04/10/2024			
Acenaphthene	0.730	0.0500	ug/L	1.00		73.0	25-116				
Acenaphthylene	0.740	0.0500	"	1.00		74.0	26-116				
Anthracene	0.390	0.0500	"	1.00		39.0	25-123				
Benzo(a)anthracene	0.850	0.0500	"	1.00		85.0	33-125				
Benzo(a)pyrene	0.520	0.0500	"	1.00		52.0	32-132				
Benzo(b)fluoranthene	1.04	0.0500	"	1.00		104	22-137				
Benzo(g,h,i)perylene	1.13	0.0500	"	1.00		113	10-138				
Benzo(k)fluoranthene	0.940	0.0500	"	1.00		94.0	20-137				
Chrysene	0.920	0.0500	"	1.00		92.0	32-124				
Dibenzo(a,h)anthracene	1.13	0.0500	"	1.00		113	16-133				
Fluoranthene	0.960	0.0500	"	1.00		96.0	32-121				
Fluorene	0.870	0.0500	"	1.00		87.0	28-118				
Indeno(1,2,3-cd)pyrene	1.13	0.0500	"	1.00		113	15-135				
Naphthalene	0.770	0.0500	"	1.00		77.0	18-120				
Phenanthrene	0.890	0.0500	"	1.00		89.0	24-127				
Pyrene	0.910	0.0500	"	1.00		91.0	31-132				
Matrix Spike (BD40665-MS1)	*Source sample: 24C1942-02 (MW2/MS/MSD)							Prepared & Analyzed: 04/09/2024			
2-Methylnaphthalene	18.4	5.00	ug/L	25.0	ND	73.4	10-112				
Surrogate: SURR: 2-Fluorophenol	*14.7*		*"*	*50.0*		*29.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.75*		*"*	*50.0*		*17.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.2*		*"*	*25.0*		*76.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.2*		*"*	*25.0*		*68.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.6*		*"*	*50.0*		*95.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.8*		*"*	*25.0*		*79.0*	*30.7-106*				
Matrix Spike Dup (BD40665-MSD1)	*Source sample: 24C1942-02 (MW2/MS/MSD)							Prepared & Analyzed: 04/09/2024			
2-Methylnaphthalene	18.9	5.00	ug/L	25.0	ND	75.5	10-112		2.79	25	
Surrogate: SURR: 2-Fluorophenol	*14.9*		*"*	*50.0*		*29.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.73*		*"*	*50.0*		*17.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.2*		*"*	*25.0*		*76.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.6*		*"*	*25.0*		*66.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.3*		*"*	*50.0*		*88.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.4*		*"*	*25.0*		*73.4*	*30.7-106*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24C1942-01	MW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1942-02	MW2/MS/MSD	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1942-03	MW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1942-04	Dup001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1942-05	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1942-06	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-PR	Sample was prepared outside of the recommended holding time.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1942

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | Page ____ of ____

YOUR Information	Report To:	Invoice To:
Company: PW Grosser.	Company: Same	Company: Same
Address: 630 Johnson Ave, Suite 7 Bohemia, 11716	Address: Same	Address: Same
Phone.: 516-924-9603	Phone.: Same	Phone.: Same
Contact: Ryan Molloy	Contact: Same	Contact: Same
E-mail: rmolloy@pwgrosser.com	E-mail: Same.	E-mail: Same.

YOUR Project Number: ZDG2101

YOUR Project Name: ZDG2101

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Andrey Bullara.

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other: CAT B
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW1	GW	03/29/24 1030	CP-51. VOCs and CP-51. SVOCs		5
MW2/MS/MSD	GW	1090.			
MW3	GW	1155.			
Dup 001.	GW	1 —			
Equipment blank	W	1210			
Trip blank.	W.	—	CP-51. VOCs.		

Comments: VOA's Retained in Queens (QA)

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time
Andrey Bullara / PWG	03/29/24 1315
2. Samples Received by / Company	Date/Time
CH	3/29/24 18:20
4. Samples Relinquished by / Company	Date/Time

1. Samples Received by / Company	Date/Time
CH	3/29/24 @ 1315 8.3°C on ice.
3. Samples Relinquished by / Company	Date/Time
CH	3/29/24 19:50
4. Samples Received by / Company	Date/Time

2. Samples Relinquished by / Company	Date/Time
	3/29/24 18:20
3. Samples Received by / Company	Date/Time
Samples Received in LAB by	**Date/Time** / **Temperature**
af	3/29/24 1950 / 4.9 Degrees C

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Report Date: 07/01/2024
Client Project ID: ZDG2402
York Project (SDG) No.: 24F1731

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 07/01/2024
Client Project ID: ZDG2402
York Project (SDG) No.: 24F1731

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 26, 2024 and listed below. The project was identified as your project: **ZDG2402**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24F1731-01	TB	Water	06/25/2024	06/26/2024
24F1731-02	EB	Water	06/25/2024	06/26/2024
24F1731-03	MW001	Ground Water	06/25/2024	06/26/2024
24F1731-04	MW002 (MS-MSD)	Ground Water	06/25/2024	06/26/2024
24F1731-05	DUPE	Ground Water	06/25/2024	06/26/2024

General Notes for York Project (SDG) No.: 24F1731

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 07/01/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: TB

York Sample ID: 24F1731-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Water	June 25, 2024 3:00 pm	06/26/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/28/2024 10:00	06/28/2024 12:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: EB

York Sample ID: 24F1731-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Water	June 25, 2024 3:00 pm	06/26/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/27/2024 08:38	06/28/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*%*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.0800 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.2 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.0 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.6 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.340**		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: EB **York Sample ID:** 24F1731-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Water	June 25, 2024 3:00 pm	06/26/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	06/27/2024 08:38	06/28/2024 17:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW001 **York Sample ID:** 24F1731-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 1:12 pm	06/26/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW001 **York Sample ID:** 24F1731-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 1:12 pm	06/26/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/28/2024 08:35	06/29/2024 18:03	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.0 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.8 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.3 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.7 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.4 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.5 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.950**		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **24F1731-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 1:12 pm	06/26/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0900**		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW002 (MS-MSD)** **York Sample ID:** **24F1731-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 12:00 am	06/26/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	**Ethyl Benzene**	**0.310**	J	ug/L	0.290	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**0.270**	J	ug/L	0.261	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	**p- & m- Xylenes**	**1.43**		ug/L	0.578	1.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	**Toluene**	**1.14**		ug/L	0.346	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**1.70**		ug/L	0.839	1.50	1	EPA 8260D	06/28/2024 10:00	06/28/2024 13:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.1 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW002 (MS-MSD)** **York Sample ID:** **24F1731-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 12:00 am	06/26/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/28/2024 08:35	06/29/2024 18:33	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.9 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.4 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.3 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.4 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.9 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.470**		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW002 (MS-MSD) **York Sample ID:** 24F1731-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 12:00 am	06/26/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 12:52	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **DUPE** **York Sample ID:** **24F1731-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 3:00 pm	06/26/2024

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	**Ethyl Benzene**	**0.320**	J	ug/L	0.290	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**0.590**	J	ug/L	0.212	2.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**0.300**	J	ug/L	0.261	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	**p- & m- Xylenes**	**1.20**		ug/L	0.578	1.00	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	**Toluene**	**0.980**		ug/L	0.346	0.500	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**1.50**		ug/L	0.839	1.50	1	EPA 8260D	06/28/2024 10:00	06/28/2024 15:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.9 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUPE

York Sample ID: 24F1731-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 3:00 pm	06/26/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/28/2024 08:35	06/29/2024 19:03	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.6 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*25.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.460**		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUPE **York Sample ID:** 24F1731-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1731	ZDG2402	Ground Water	June 25, 2024 3:00 pm	06/26/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/28/2024 08:35	07/01/2024 13:22	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BF41863 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24F1731-02	EB	06/27/24
BF41863-BLK1	Blank	06/27/24
BF41863-BS1	LCS	06/27/24
BF41863-BSD1	LCS Dup	06/27/24

Batch ID: BF41953 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24F1731-03	MW001	06/28/24
24F1731-04	MW002 (MS-MSD)	06/28/24
24F1731-05	DUPE	06/28/24
BF41953-BLK1	Blank	06/28/24
BF41953-BLK2	Blank	06/28/24
BF41953-BS1	LCS	06/28/24
BF41953-BS2	LCS	06/28/24
BF41953-MS1	Matrix Spike	06/28/24
BF41953-MSD1	Matrix Spike Dup	06/28/24

Batch ID: BF41966 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24F1731-01	TB	06/28/24
24F1731-03	MW001	06/28/24
24F1731-04	MW002 (MS-MSD)	06/28/24
24F1731-05	DUPE	06/28/24
BF41966-BLK1	Blank	06/28/24
BF41966-BS1	LCS	06/28/24
BF41966-BSD1	LCS Dup	06/28/24
BF41966-MS1	Matrix Spike	06/28/24
BF41966-MSD1	Matrix Spike Dup	06/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41966 - EPA 5030B											
Blank (BF41966-BLK1)								Prepared & Analyzed: 06/28/2024			
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BF41966-BS1)								Prepared & Analyzed: 06/28/2024			
1,2,4-Trimethylbenzene	11.4		ug/L	10.0		114	82-132				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	80-131				
Benzene	10.2		"	10.0		102	85-126				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Isopropylbenzene	12.5		"	10.0		125	76-140				
Methyl tert-butyl ether (MTBE)	8.72		"	10.0		87.2	76-135				
Naphthalene	8.42		"	10.0		84.2	70-147				
n-Butylbenzene	10.2		"	10.0		102	79-132				
n-Propylbenzene	11.9		"	10.0		119	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	20.9		"	20.0		105	77-133				
p-Isopropyltoluene	11.7		"	10.0		117	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
tert-Butylbenzene	10.5		"	10.0		105	77-138				
Toluene	10.5		"	10.0		105	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.80*		*"*	*10.0*		*88.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41966 - EPA 5030B											
LCS Dup (BF41966-BSD1)								Prepared & Analyzed: 06/28/2024			
1,2,4-Trimethylbenzene	10.3		ug/L	10.0		103	82-132		10.7	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		13.1	30	
Benzene	9.62		"	10.0		96.2	85-126		5.36	30	
Ethyl Benzene	10.0		"	10.0		100	80-131		6.48	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		16.5	30	
Methyl tert-butyl ether (MTBE)	9.53		"	10.0		95.3	76-135		8.88	30	
Naphthalene	9.12		"	10.0		91.2	70-147		7.98	30	
n-Butylbenzene	9.46		"	10.0		94.6	79-132		7.14	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		15.7	30	
o-Xylene	9.73		"	10.0		97.3	78-130		6.18	30	
p- & m- Xylenes	19.7		"	20.0		98.6	77-133		6.00	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		10.9	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		11.3	30	
tert-Butylbenzene	9.20		"	10.0		92.0	77-138		13.1	30	
Toluene	9.83		"	10.0		98.3	80-127		6.78	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Matrix Spike (BF41966-MS1)	*Source sample: 24F1731-04 (MW002 (MS-MSD))							Prepared & Analyzed: 06/28/2024			
1,2,4-Trimethylbenzene	7.91		ug/L	10.0	0.180	77.3	72-129				
1,3,5-Trimethylbenzene	8.08		"	10.0	0.00	80.8	69-126				
Benzene	10.3		"	10.0	0.180	101	38-155				
Ethyl Benzene	9.87		"	10.0	0.310	95.6	72-128				
Isopropylbenzene	8.09		"	10.0	0.00	80.9	66-139				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0	0.00	102	75-128				
Naphthalene	7.79		"	10.0	0.00	77.9	39-158				
n-Butylbenzene	6.45		"	10.0	0.00	64.5	61-138				
n-Propylbenzene	7.54		"	10.0	0.00	75.4	66-134				
o-Xylene	9.80		"	10.0	0.270	95.3	69-126				
p- & m- Xylenes	20.2		"	20.0	1.43	93.9	67-130				
p-Isopropyltoluene	7.40		"	10.0	0.00	74.0	64-137				
sec-Butylbenzene	7.83		"	10.0	0.270	75.6	53-155				
tert-Butylbenzene	7.24		"	10.0	0.00	72.4	65-139				
Toluene	10.9		"	10.0	1.14	97.7	76-123				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.80*		*"*	*10.0*		*88.0*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41966 - EPA 5030B											
Matrix Spike Dup (BF41966-MSD1)	*Source sample: 24F1731-04 (MW002 (MS-MSD))							Prepared & Analyzed: 06/28/2024			
1,2,4-Trimethylbenzene	8.74		ug/L	10.0	0.180	85.6	72-129		9.97	30	
1,3,5-Trimethylbenzene	8.60		"	10.0	0.00	86.0	69-126		6.24	30	
Benzene	11.0		"	10.0	0.180	108	38-155		7.05	30	
Ethyl Benzene	10.6		"	10.0	0.310	103	72-128		7.51	30	
Isopropylbenzene	8.95		"	10.0	0.00	89.5	66-139		10.1	30	
Methyl tert-butyl ether (MTBE)	11.5		"	10.0	0.00	115	75-128		11.4	30	
Naphthalene	9.74		"	10.0	0.00	97.4	39-158		22.2	30	
n-Butylbenzene	7.45		"	10.0	0.00	74.5	61-138		14.4	30	
n-Propylbenzene	8.22		"	10.0	0.00	82.2	66-134		8.63	30	
o-Xylene	10.6		"	10.0	0.270	104	69-126		8.22	30	
p- & m- Xylenes	22.0		"	20.0	1.43	103	67-130		8.30	30	
p-Isopropyltoluene	8.40		"	10.0	0.00	84.0	64-137		12.7	30	
sec-Butylbenzene	8.72		"	10.0	0.270	84.5	53-155		10.8	30	
tert-Butylbenzene	8.04		"	10.0	0.00	80.4	65-139		10.5	30	
Toluene	12.6		"	10.0	1.14	114	76-123		14.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.84*		*"*	*10.0*		*88.4*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41863 - EPA 3510C											
Blank (BF41863-BLK1)											Prepared: 06/27/2024 Analyzed: 06/28/2024
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*22.9*		*"*	*50.0*		*45.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*11.9*		*"*	*50.0*		*23.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.2*		*"*	*25.0*		*73.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.3*		*"*	*25.0*		*73.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*53.7*		*"*	*50.0*		*107*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.1*		*"*	*25.0*		*80.3*	*30.7-106*				
LCS (BF41863-BS1)											Prepared: 06/27/2024 Analyzed: 06/28/2024
2-Methylnaphthalene	16.7	5.00	ug/L	25.0		66.6	24-118				
Surrogate: SURR: 2-Fluorophenol	*17.3*		*"*	*50.0*		*34.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.2*		*"*	*50.0*		*20.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.1*		*"*	*25.0*		*56.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.8*		*"*	*25.0*		*59.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.4*		*"*	*50.0*		*82.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*68.7*	*30.7-106*				
LCS Dup (BF41863-BSD1)											Prepared: 06/27/2024 Analyzed: 06/28/2024
2-Methylnaphthalene	20.4	5.00	ug/L	25.0		81.6	24-118		20.2	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*21.9*		*"*	*50.0*		*43.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*13.4*		*"*	*50.0*		*26.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.6*		*"*	*25.0*		*74.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.5*		*"*	*25.0*		*82.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*57.3*		*"*	*50.0*		*115*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.3*		*"*	*25.0*		*89.2*	*30.7-106*				
Batch BF41953 - EPA 3510C											
Blank (BF41953-BLK1)											Prepared: 06/28/2024 Analyzed: 06/29/2024
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*19.9*		*"*	*50.0*		*39.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.7*		*"*	*50.0*		*21.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.1*		*"*	*25.0*		*72.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.6*		*"*	*25.0*		*70.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*52.8*		*"*	*50.0*		*106*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.0*		*"*	*25.0*		*79.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41953 - EPA 3510C											
Blank (BF41953-BLK2)											Prepared: 06/28/2024 Analyzed: 07/01/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BF41953-BS1)											Prepared: 06/28/2024 Analyzed: 06/29/2024
2-Methylnaphthalene	19.5	5.00	ug/L	25.0		78.0	24-118				
Surrogate: SURR: 2-Fluorophenol	*26.4*		*"*	*50.0*		*52.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*16.1*		*"*	*50.0*		*32.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.3*		*"*	*25.0*		*89.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*24.1*		*"*	*25.0*		*96.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*70.2*		*"*	*50.0*		*140*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*28.3*		*"*	*25.0*		*113*	*30.7-106*				
LCS (BF41953-BS2)											Prepared: 06/28/2024 Analyzed: 07/01/2024
Acenaphthene	0.550	0.0500	ug/L	1.00		55.0	25-116				
Acenaphthylene	0.760	0.0500	"	1.00		76.0	26-116				
Anthracene	0.360	0.0500	"	1.00		36.0	25-123				
Benzo(a)anthracene	0.650	0.0500	"	1.00		65.0	33-125				
Benzo(a)pyrene	0.520	0.0500	"	1.00		52.0	32-132				
Benzo(b)fluoranthene	0.800	0.0500	"	1.00		80.0	22-137				
Benzo(g,h,i)perylene	0.480	0.0500	"	1.00		48.0	10-138				
Benzo(k)fluoranthene	0.760	0.0500	"	1.00		76.0	20-137				
Chrysene	0.590	0.0500	"	1.00		59.0	32-124				
Dibenzo(a,h)anthracene	0.500	0.0500	"	1.00		50.0	16-133				
Fluoranthene	0.890	0.0500	"	1.00		89.0	32-121				
Fluorene	0.710	0.0500	"	1.00		71.0	28-118				
Indeno(1,2,3-cd)pyrene	0.460	0.0500	"	1.00		46.0	15-135				
Naphthalene	0.790	0.0500	"	1.00		79.0	18-120				
Phenanthrene	0.600	0.0500	"	1.00		60.0	24-127				
Pyrene	0.580	0.0500	"	1.00		58.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41953 - EPA 3510C											
Matrix Spike (BF41953-MS1)	*Source sample: 24F1731-04 (MW002 (MS-MSD))								Prepared: 06/28/2024 Analyzed: 06/29/2024		
2-Methylnaphthalene	20.3	5.00	ug/L	25.0	ND	81.2	10-112				
Surrogate: SURR: 2-Fluorophenol	*28.2*		"	*50.0*		*56.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*17.4*		"	*50.0*		*34.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.0*		"	*25.0*		*87.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*25.7*		"	*25.0*		*103*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*74.7*		"	*50.0*		*149*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*28.6*		"	*25.0*		*115*	*30.7-106*				
Matrix Spike Dup (BF41953-MSD1)	*Source sample: 24F1731-04 (MW002 (MS-MSD))								Prepared: 06/28/2024 Analyzed: 06/29/2024		
2-Methylnaphthalene	16.2	5.00	ug/L	25.0	ND	64.7	10-112		22.6	25	
Surrogate: SURR: 2-Fluorophenol	*22.9*		"	*50.0*		*45.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*14.2*		"	*50.0*		*28.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.8*		"	*25.0*		*71.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.2*		"	*25.0*		*80.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*59.9*		"	*50.0*		*120*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.2*		"	*25.0*		*88.7*	*30.7-106*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F1731-01	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1731-03	MW001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1731-04	MW002 (MS-MSD)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1731-05	DUPE	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: For sample EB, lab did not recive HCL vials. VOC analysis removed

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

YORK Project Num: 24F173

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

Page 1 of

Report To:
Company: PW. Grosser Consulting
Address: 630 Johnson Ave. Suite 7 Bohemia, NY 11716
Phone: (631) 589-6353
Contact: Ryan Morley
E-mail: ryanm@pwgrosser.com

Invoice To:
Company:
Address:
Phone:
Contact:
E-mail:

YOUR Project Name / Number: ZDG2402

PO Number:

Samples Collected From: NY X NJ CT PA Other: (please specify)

Turn-Around T
RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
RUSH - Five Day
Standard (6-9 Day) X
PFAS Standard 7-10 Day

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Danielle Dulligan

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	CP-51 VOCs	CP-51 SVOCs	BNA ONLY	Grab or Comp.
TB	06/25/24		W		2									X	X		G
EB			W											X	X		G
MW001		1312	GW	3	3									X		X	G
MW002(MS/MSD)		1531	GW	9	9									X		X	G
DUPE			GW	3	3									X		X	G

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Danielle / PWGC	06/26/24 1226		6/26/24 1226 7.1°		6/26/24 1800
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	6/26/24 1800		6/26/24 20:15		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KDA	6/26/24 20:15 4.1 Degrees

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Report Date: 07/09/2024
Client Project ID: ZDG2402
York Project (SDG) No.: 24F1946

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 07/09/2024
Client Project ID: ZDG2402
York Project (SDG) No.: 24F1946

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 28, 2024 and listed below. The project was identified as your project: **ZDG2402**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24F1946-01	TB	Water	06/28/2024	06/28/2024
24F1946-02	EB	Water	06/28/2024	06/28/2024
24F1946-03	MW003	Ground Water	06/28/2024	06/28/2024

General Notes for York Project (SDG) No.: 24F1946

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 07/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: TB

York Sample ID: 24F1946-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1946	ZDG2402	Water	June 28, 2024 12:40 pm	06/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Sample Information

Client Sample ID: EB **York Sample ID:** 24F1946-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1946	ZDG2402	Water	June 28, 2024 12:40 pm	06/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	07/01/2024 12:52	07/01/2024 13:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW003 **York Sample ID:** 24F1946-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1946	ZDG2402	Ground Water	June 28, 2024 10:38 am	06/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	07/01/2024 12:52	07/01/2024 14:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*124 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **24F1946-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1946	ZDG2402	Ground Water	June 28, 2024 10:38 am	06/28/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/05/2024 08:42	07/08/2024 11:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.6 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*25.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **24F1946-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1946	ZDG2402	Ground Water	June 28, 2024 10:38 am	06/28/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0800**		ug/L	0.0500	1	EPA 8270D SIM	07/05/2024 08:42	07/08/2024 18:32	ss
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BG40140 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F1946-01	TB	07/01/24
24F1946-02	EB	07/01/24
24F1946-03	MW003	07/01/24
BG40140-BLK1	Blank	07/01/24
BG40140-BS1	LCS	07/01/24
BG40140-BSD1	LCS Dup	07/01/24

Batch ID: BG40329 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24F1946-03	MW003	07/05/24
24F1946-03	MW003	07/05/24
BG40329-BLK1	Blank	07/05/24
BG40329-BLK2	Blank	07/05/24
BG40329-BS1	LCS	07/05/24
BG40329-BS2	LCS	07/05/24
BG40329-BSD1	LCS Dup	07/05/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40140 - EPA 5030B											
Blank (BG40140-BLK1)									Prepared & Analyzed: 07/01/2024		
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.6*		*"*	*10.0*		*116*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BG40140-BS1)									Prepared & Analyzed: 07/01/2024		
1,2,4-Trimethylbenzene	11.7		ug/L	10.0		117	82-132				
1,3,5-Trimethylbenzene	12.4		"	10.0		124	80-131				
Benzene	10.1		"	10.0		101	85-126				
Ethyl Benzene	11.4		"	10.0		114	80-131				
Isopropylbenzene	12.7		"	10.0		127	76-140				
Methyl tert-butyl ether (MTBE)	9.02		"	10.0		90.2	76-135				
Naphthalene	8.23		"	10.0		82.3	70-147				
n-Butylbenzene	11.1		"	10.0		111	79-132				
n-Propylbenzene	12.4		"	10.0		124	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
p-Isopropyltoluene	12.2		"	10.0		122	81-136				
sec-Butylbenzene	11.7		"	10.0		117	79-137				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Toluene	10.7		"	10.0		107	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.89*		*"*	*10.0*		*98.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40140 - EPA 5030B											
LCS Dup (BG40140-BSD1)								Prepared & Analyzed: 07/01/2024			
1,2,4-Trimethylbenzene	10.5		ug/L	10.0		105	82-132		10.8	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		13.8	30	
Benzene	9.54		"	10.0		95.4	85-126		5.70	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		9.48	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		16.3	30	
Methyl tert-butyl ether (MTBE)	9.69		"	10.0		96.9	76-135		7.16	30	
Naphthalene	8.53		"	10.0		85.3	70-147		3.58	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		6.90	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		15.2	30	
o-Xylene	10.2		"	10.0		102	78-130		8.83	30	
p- & m- Xylenes	20.8		"	20.0		104	77-133		8.47	30	
p-Isopropyltoluene	11.0		"	10.0		110	81-136		10.1	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		11.6	30	
tert-Butylbenzene	9.56		"	10.0		95.6	77-138		11.7	30	
Toluene	9.70		"	10.0		97.0	80-127		9.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.60*		*"*	*10.0*		*96.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40329 - EPA 3510C											
Blank (BG40329-BLK1)											Prepared: 07/05/2024 Analyzed: 07/08/2024
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*14.0*		*"*	*50.0*		*28.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.06*		*"*	*50.0*		*16.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.1*		*"*	*25.0*		*48.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		*"*	*25.0*		*50.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.6*		*"*	*50.0*		*63.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.6*		*"*	*25.0*		*66.6*	*30.7-106*				
Blank (BG40329-BLK2)											Prepared: 07/05/2024 Analyzed: 07/08/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.120	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BG40329-BS1)											Prepared: 07/05/2024 Analyzed: 07/08/2024
2-Methylnaphthalene	16.6	5.00	ug/L	25.0		66.4	24-118				
Surrogate: SURR: 2-Fluorophenol	*17.8*		*"*	*50.0*		*35.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.5*		*"*	*50.0*		*21.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.8*		*"*	*25.0*		*63.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		*"*	*25.0*		*63.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*42.0*		*"*	*50.0*		*84.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.2*		*"*	*25.0*		*72.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40329 - EPA 3510C											
LCS (BG40329-BS2)								Prepared: 07/05/2024 Analyzed: 07/08/2024			
Acenaphthene	0.690	0.0500	ug/L	10.0		6.90	25-116	Low Bias			
Acenaphthylene	0.820	0.0500	"	10.0		8.20	26-116	Low Bias			
Anthracene	0.390	0.0500	"	10.0		3.90	25-123	Low Bias			
Benzo(a)anthracene	0.750	0.0500	"	10.0		7.50	33-125	Low Bias			
Benzo(a)pyrene	0.480	0.0500	"	10.0		4.80	32-132	Low Bias			
Benzo(b)fluoranthene	0.800	0.0500	"	10.0		8.00	22-137	Low Bias			
Benzo(g,h,i)perylene	0.700	0.0500	"	10.0		7.00	10-138	Low Bias			
Benzo(k)fluoranthene	0.540	0.0500	"	10.0		5.40	20-137	Low Bias			
Chrysene	0.720	0.0500	"	10.0		7.20	32-124	Low Bias			
Dibenzo(a,h)anthracene	0.670	0.0500	"	10.0		6.70	16-133	Low Bias			
Fluoranthene	0.860	0.0500	"	10.0		8.60	32-121	Low Bias			
Fluorene	0.750	0.0500	"	10.0		7.50	28-118	Low Bias			
Indeno(1,2,3-cd)pyrene	0.620	0.0500	"	10.0		6.20	15-135	Low Bias			
Naphthalene	0.770	0.0500	"	10.0		7.70	18-120	Low Bias			
Phenanthrene	0.940	0.0500	"	10.0		9.40	24-127	Low Bias			
Pyrene	0.690	0.0500	"	10.0		6.90	31-132	Low Bias			
LCS Dup (BG40329-BSD1)								Prepared: 07/05/2024 Analyzed: 07/08/2024			
2-Methylnaphthalene	14.6	5.00	ug/L	25.0		58.2	24-118		13.1	20	
Surrogate: SURR: 2-Fluorophenol	*17.0*		*"*	*50.0*		*34.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.3*		*"*	*50.0*		*20.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.0*		*"*	*25.0*		*60.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.4*		*"*	*25.0*		*57.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.9*		*"*	*50.0*		*77.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.7*		*"*	*25.0*		*67.0*	*30.7-106*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F1946-01	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1946-02	EB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1946-03	MW003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

B — Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24F1946

Page 1 of 1

Report To:	Invoice To:	YOUR Project Name / Number
Company: PWGC	Company: →	2DG2402
Address: 630 Johnson Ave, ste 7 Bohemia, NY 11716	Address: →	
Phone.: (631) 5896353	Phone.: →	PO Number
Contact: Ryan Morley	Contact: →	
E-mail: RyanM@pwgrosser.com	E-mail: →	

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Danielle Dulligan [signature]

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested: CP-51 VOCs; CP-51 SVOCs

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	CP-51 VOCs	CP-51 SVOCs	G/C Grab or Comp.
TB	06/28/24		W		2									X	~~X~~	
EB	↓		W		3									X	X	
MW003	↓	1038	GW	3	3									X	X	

Report Type (circle): QA Report; Summary (Results Only) (circled); NY ASP B Package (circled); NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered / Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N (N circled) Containers Intact: Y (circled) / N COC/Labels Agree: Y (circled) / N Preservation Confirmed: Y (circled) / N
COC Complete: Y (circled) / N COC Received: Y (circled) / N Appropriate Sample Volumes: Y (circled) / N Appropriate Sample Containers: Y (circled) / N
Cooler Temperature Confirmed: Y (circled) / N Samples Submitted within Holding Times: Y (circled) / N Corrective Action Form Required: Y / N (N circled)

Samples iced/chilled at time of lab pickup? circle Yes (circled) or No

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
DD / PWGC	06/28/24 1240	[signature] / York @17:19	6/28/24 1240	[signature] / York	6/28/24 1830
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
[signature]	6/28/24 [illegible]	[signature]	6/28/24 2015		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature Degrees C
				[signature]	6/28/24 20:15 3.6°C

ANALYTICAL REPORT

Lab Number:	L2357484
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Ryan Morley
Phone:	(631) 589-6353
Project Name:	ZDG2101
Project Number:	ZDG2101
Report Date:	10/11/23

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ZDG2101
Project Number: ZDG2101

Lab Number: L2357484
Report Date: 10/11/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357484-01	MW-003	WATER	2840 ATLANTIC AVE., BKLYN, NY	09/29/23 11:51	09/29/23
L2357484-02	MW-002	WATER	2840 ATLANTIC AVE., BKLYN, NY	09/29/23 13:45	09/29/23
L2357484-03	FB001	WATER	2840 ATLANTIC AVE., BKLYN, NY	09/29/23 13:15	09/29/23
L2357484-04	TB001	WATER	2840 ATLANTIC AVE., BKLYN, NY	09/29/23 13:55	09/29/23

Project Name:	ZDG2101	**Lab Number:**	L2357484
Project Number:	ZDG2101	**Report Date:**	10/11/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ZDG2101	**Lab Number:**	L2357484
Project Number:	ZDG2101	**Report Date:**	10/11/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2357484-03: Sample containers for Volatile Organics were received for the "FB001" sample, but were not listed on the chain of custody. At the client's request, the analysis was performed.

L2357484-04: At the client's request, the Volatile Organics analysis was performed.

Semivolatile Organics by SIM

L2357484-03: The Field Blank has a concentration above the reporting limit for Benzo(b)fluoranthene. The sample was re-extracted with the method required holding time exceeded and was non-detect for this target compound. The results of both extractions are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/11/23

ORGANICS

VOLATILES

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-01 Date Collected: 09/29/23 11:51
Client ID: MW-003 Date Received: 09/29/23
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 14:52
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	121		70-130

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-02 Date Collected: 09/29/23 13:45
Client ID: MW-002 Date Received: 09/29/23
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 15:17
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	116		70-130

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-03 Date Collected: 09/29/23 13:15
Client ID: FB001 Date Received: 09/29/23
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 14:01
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-04
Client ID: TB001
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY

Date Collected: 09/29/23 13:55
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 14:26
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	114		70-130

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/10/23 08:55
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1838160-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ZDG2101
Project Number: ZDG2101

Lab Number: L2357484
Report Date: 10/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1838160-3 WG1838160-4								
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Methyl tert butyl ether	86		88		63-130	2		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	105		110		70-130	5		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	110		110		70-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	86		92		70-130	7		20
n-Propylbenzene	110		120		69-130	9		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		111		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	103		105		70-130
Dibromofluoromethane	100		98		70-130

SEMIVOLATILES

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-01
Client ID: MW-003
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY

Date Collected: 09/29/23 11:51
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/05/23 13:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 13:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	82		15-120
4-Terphenyl-d14	79		41-149

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-02
Client ID: MW-002
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY

Date Collected: 09/29/23 13:45
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/05/23 13:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 13:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.14		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.22		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	83		15-120
4-Terphenyl-d14	78		41-149

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-03
Client ID: FB001
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY

Date Collected: 09/29/23 13:15
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/05/23 14:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 13:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.14		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.10	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.01	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	72		15-120
4-Terphenyl-d14	70		41-149

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

SAMPLE RESULTS

Lab ID: L2357484-03 RE
Client ID: FB001
Sample Location: 2840 ATLANTIC AVE., BKLYN, NY

Date Collected: 09/29/23 13:15
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/10/23 09:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/09/23 12:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	60		15-120
4-Terphenyl-d14	64		41-149

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/05/23 13:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 13:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1835558-1					
Acenaphthene	ND		ug/l	0.10	0.01
Fluoranthene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	80		15-120
4-Terphenyl-d14	82		41-149

Project Name: ZDG2101 **Lab Number:** L2357484

Project Number: ZDG2101 **Report Date:** 10/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/10/23 08:15
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/09/23 12:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1837393-1					
Acenaphthene	0.02	J	ug/l	0.10	0.01
Fluoranthene	0.04	J	ug/l	0.10	0.02
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01
Chrysene	0.03	J	ug/l	0.10	0.01
Acenaphthylene	0.02	J	ug/l	0.10	0.01
Anthracene	0.03	J	ug/l	0.10	0.01
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01
Fluorene	0.03	J	ug/l	0.10	0.01
Phenanthrene	0.04	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	0.01	J	ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01
Pyrene	0.04	J	ug/l	0.10	0.02

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	68		15-120
4-Terphenyl-d14	75		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ZDG2101
Project Number: ZDG2101

Lab Number: L2357484
Report Date: 10/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1835558-2 WG1835558-3								
Acenaphthene	69		79		40-140	14		40
Fluoranthene	74		79		40-140	7		40
Benzo(a)anthracene	73		81		40-140	10		40
Benzo(a)pyrene	83		93		40-140	11		40
Benzo(b)fluoranthene	78		96		40-140	21		40
Benzo(k)fluoranthene	80		89		40-140	11		40
Chrysene	75		85		40-140	13		40
Acenaphthylene	68		79		40-140	15		40
Anthracene	74		85		40-140	14		40
Benzo(ghi)perylene	88		96		40-140	9		40
Fluorene	69		82		40-140	17		40
Phenanthrene	70		81		40-140	15		40
Dibenzo(a,h)anthracene	91		97		40-140	6		40
Indeno(1,2,3-cd)pyrene	84		89		40-140	6		40
Pyrene	74		79		40-140	7		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	72		91		23-120
2-Fluorobiphenyl	62		74		15-120
4-Terphenyl-d14	63		69		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ZDG2101
Project Number: ZDG2101

Lab Number: L2357484
Report Date: 10/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1837393-2 WG1837393-3								
Acenaphthene	73		68		40-140	7		40
Fluoranthene	86		81		40-140	6		40
Benzo(a)anthracene	92		86		40-140	7		40
Benzo(a)pyrene	98		92		40-140	6		40
Benzo(b)fluoranthene	92		85		40-140	8		40
Benzo(k)fluoranthene	94		88		40-140	7		40
Chrysene	86		80		40-140	7		40
Acenaphthylene	75		70		40-140	7		40
Anthracene	83		78		40-140	6		40
Benzo(ghi)perylene	93		88		40-140	6		40
Fluorene	76		71		40-140	7		40
Phenanthrene	77		73		40-140	5		40
Dibenzo(a,h)anthracene	90		85		40-140	6		40
Indeno(1,2,3-cd)pyrene	93		88		40-140	6		40
Pyrene	85		80		40-140	6		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	93		82		23-120
2-Fluorobiphenyl	67		60		15-120
4-Terphenyl-d14	73		66		41-149

Project Name: ZDG2101
Project Number: ZDG2101

Lab Number: L2357484
Report Date: 10/11/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2357484-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-01D	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYCP51-PAHSIM-LVI(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357484-01E	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYCP51-PAHSIM-LVI(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357484-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-02D	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYCP51-PAHSIM-LVI(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357484-02E	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYCP51-PAHSIM-LVI(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357484-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-03D	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYCP51-PAHSIM-LVI(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357484-03E	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYCP51-PAHSIM-LVI(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357484-04A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2357484-04B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ZDG2101	**Lab Number:**	L2357484
Project Number:	ZDG2101	**Report Date:**	10/11/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ZDG2101	**Lab Number:**	L2357484
Project Number:	ZDG2101	**Report Date:**	10/11/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ZDG2101	**Lab Number:**	L2357484
Project Number:	ZDG2101	**Report Date:**	10/11/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ZDG2101	**Lab Number:**	L2357484
Project Number:	ZDG2101	**Report Date:**	10/11/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9130123

ALPHA Job #: L2357484

Client Information
Client: P.W. Grosser Consulting, Inc.
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: ryan.m@pwgrosser.com

Project Information
Project Name: 2062101
Project Location: 2840 Atlantic Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Ryan Marley
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: VOCs 8260	ANALYSIS: SVOCs 8270	Sample Specific Comments	Total Bottle
57484-01	MW003	09.29.23	11:51		DC	X	X		
-02	MW002	09.29.23	13:45	GW	DC	X	X		
-03	FB001		13:15	GW	DC		X		
	~~FB002~~		~~13:18~~	~~GW~~	~~DC~~	X			
-04	TB001		13:55	GW	DC				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
	9/29/23 14:15		9/29/23 14:15
	9/29/23 18:20		9/29/23 18:30
	9/29/23		9/29 22:00
	9/30 00:30		9/30/23 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

APPENDIX E

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

APPENDIX F

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-122223

GENERATOR

5. Generator's Name and Mailing Address

Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)

Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name — U.S. EPA ID Number

Brookside Environmental, Inc. — NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324

NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	260	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1) Oily water

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Sergio Sadoval — Signature — Month 12 Day 22 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parado — Signature — Month 12 Day 22 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 1 Day 5 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-12823

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	160	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou 2DG
Signature:
Month Day Year: 12 8 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Panadero
Signature:
Month Day Year: 12 8 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Miles Brown
Signature:
Month Day Year: 12 8 23

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not required	1	631-608-8810	2741-121523

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	185	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou ZDG | Signature | Month 12 | Day 15 | Year 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Ponado | Signature | Month 12 | Day 15 | Year 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross | Signature | Month 12 | Day 18 | Year 23

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLG-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631-608-8810	2741 - 101323

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC.
3611 14th Ave Nor Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
2840 Atlantic Avenue
Brooklyn N.Y. 11207

6. Transporter 1 Company Name: **Brookside Environmental, Inc.**
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 249-3774
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous	1	TT	155	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

INT'L

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Sergio Sandoval — Signature — Month 11 Day 10 Year 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Posada — Signature — Month 11 Day 10 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 11 Day 10 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 2741 - 102723

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	230	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) #6 oil and water mixture

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Sergio Sandoval
Signature:
Month Day Year: 10 27 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Paredo
Signature:
Month Day Year: 10 27 23

Transporter 2 Printed/Typed Name
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month Day Year: 10 31 23

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not required	1	631-608-8810	2741-101323

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	160	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) #6 oil and water mixture

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature:
Month: 10 Day: 13 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature:
Month: 10 Day: 13 Year: 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month: 10 Day: 13 Year: 23

(1)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not required	1	631-608-8810	2741

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: **NYR000081661**

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: **631 213-1324**
U.S. EPA ID Number: **NYR000218677**

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	**Non-DOT regulated, (oily water)**	001	TT	180	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily water.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature:
Month 9 Day 22 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parada
Signature:
Month 9 Day 22 Year 23

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month 9 Day 22 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2710 - 91523

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-DOT regulated, (oily water)	001	TT	210	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily water.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Santana | Signature | Month 9 | Day 15 | Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mike Librizzi | Signature | Month 9 | Day 15 | Year 23
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Jason Ross | Signature | Month 9 | Day 21 | Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

PHONE: 631.608.8810
FAX: 631.608.8811

BROOKSIDE ENVIRONMENTAL
www.brooksideweb.com

Transporter Permit #1A-644
EPA ID #NYR000081661
BIC # 2935

NON-HAZARDOUS MANIFEST

1. Customer's US EPA ID NO.: Not Required | Document No: —— | 2. Page 1 of: 1 | 82923-1

3. Generator Site Address and Mailing Address:
Empire State Dairy, LLC
3611 14th Avenue
Brooklyn, NY 11218
Site: Empire State Dairy
2840 Atlantic Ave
Brooklyn, NY 11207
4. Phone

A. Document Number: BEI 82523-1
B. State ID

5. Transporter 1 Company Name: Brookside Environmental | 6. US EPA ID Number: NYR000081661
C. State Transporter's ID: NY-1A-644
D. Transporter's Phone: 631-608-8810

7. Transporter 2 Company Name | 8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: Advanced Waste Water Technology
208 Route 109
Farmingdale, NY 11735
10. US EPA ID Number: NYR000218677
G. State Facility's ID
H. Facility's Phone: 631-213-1324

	11. US DOT Description (Including Proper Shipping Name)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L. Waste No.
a.	Non-DOT Regulated Oily Water NON-RCRA/NON-DOT Hazardous	001	TT	230	G	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: a) Oily Water

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

GENERATOR — Printed / Type Name: Sergio Sandoval | Signature | DATE: Month 8 Day 25 Year 23

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed / Type Name: Oscar Paredes | Signature | DATE: Month 8 Day 25 Year 23

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed / Type Name | Signature | DATE: Month Day Year

FACILITY

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted.
Printed / Typed Name: Jason Ross | DATE: Month 8 Day 29 Year 23

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-81823

5. Generator's Name and Mailing Address

Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Phone:

Generator's Site Address (if different than mailing address)

Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name

Brookside Environmental, Inc.

U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735

Facility's Phone: 631 213-1324

U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-DOT regulated, (oily water)	001	TT	326	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1) Oily water.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou 206 | Signature | Month: 8 | Day: 18 | Year: 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Libri22i | Signature | Month: 8 | Day: 18 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown | Signature | Month: 8 | Day: 18 | Year: 23

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631-608-8810	81123-2

GENERATOR

5. Generator's Name and Mailing Address: Empire State Dairy LLC, 3611 14th Ave, Suite 400, Brooklyn NY 11218

Generator's Site Address (if different than mailing address): 2840 Atlantic Ave, Brooklyn NY

Generator's Phone:

6. Transporter 1 Company Name: Brookside Environmental, Inc. — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Advanced Waste and Water Technology, 208 Route 109, Farmingdale NY 11735 — U.S. EPA ID Number: NYR000218677

Facility's Phone: 631 249-3774

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous	X1	TT	176	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information: 1)

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Aaron Vinal — Signature — Month 8 Day 11 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 8 Day 11 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross — Signature — Month 8 Day 11 Year 23

169-BLC-O S-11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-72823

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-DOT regulated, (oily water)	001	TT	235	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily water.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou ZDG — Signature — Month 7 Day 28 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parado — Signature — Month 7 Day 28 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brand — Signature — Month 8 Day 2 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 2741-72123

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.

U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735

Facility's Phone: 631 213-1324

U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA and non-DOT waste, liquid	001	TT	175	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) #6 oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou — Signature — Month 7 Day 21 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Libizzi — Signature — Month 7 Day 21 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 7 Day 21 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-DOT regulated, (oily water)	001	TT	335	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily water.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature
Month: 7 Day: 14 Year: 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kennedy
Signature
Month: 7 Day: 14 Year: 23

Transporter 2 Printed/Typed Name: Mike Libizzi
Signature
Month: 7 Day: 21 Year: 23

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature
Month: 7 Day: 21 Year: 23

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 2741-7723

GENERATOR

5. Generator's Name and Mailing Address

Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Phone:

Generator's Site Address (if different than mailing address)

Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.

U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735

Facility's Phone: 631 213-1324

U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA and non-DOT waste, liquid	001	TT	355	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1) #6 oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou ZDG | Signature | Month 7 | Day 7 | Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kennedy | Signature | Month 7 | Day 7 | Year 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross | Signature | Month 7 | Day 12 | Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	62323-2741

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-DOT regulated, (oily water)	001	TT	292	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily water.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Nelson ZDG | Signature | Month: 6 | Day: 23 | Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Libizzi | Signature | Month: 6 | Day: 23 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross | Signature | Month: 7 | Day: 03 | Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741 - 6923

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

Generator's Phone:

6. Transporter 1 Company Name: Brookside Environmental, Inc. — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
631 213-1324
Facility's Phone:

U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	201 ~~372~~	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou — Signature — Month 6 Day 9 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kennedy — Signature — Month 6 Day 9 Year 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Mike Brown — Signature — Month 6 Day 12 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-6223

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: **NYR000081661**

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: **631 213-1324**
U.S. EPA ID Number: **NYR000218677**

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	**Non-RCRA, non-DOT waste, liquid**	001	TT	171	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval — Signature — Month 6 Day 2 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 6 Day 2 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Greg Brown — Signature — Month 6 Day 12 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 2741 - 51923

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-RCRA, non-DOT waste, liquid	001	TT	284	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: German Abagyan
Signature:
Month: 5 Day: 19 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name:
Signature:
Month: Day: Year:

Transporter 2 Printed/Typed Name: David Kunweiler
Signature:
Month: 5 Day: 19 Year: 23

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross
Signature:
Month: 5 Day: 24 Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 2741-51223

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	166	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature:
Month: 5 Day: 12 Year: 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature:
Month: 5 Day: 12 Year: 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Mike Brown
Signature:
Month: 5 Day: 16 Year: 23

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 274142123

GENERATOR

5. Generator's Name and Mailing Address:
Empire State Dairy LLC
3511-14th AVE. Suite 400
Brooklyn NY 11218

Generator's Site Address (if different than mailing address):
2840 Atlantic Ave.
Brooklyn N.Y. 11207

Generator's Phone:

6. Transporter 1 Company Name: Brookside Environmental, Inc.

U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735

Facility's Phone: 631 213-1324

U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-DOT and non-RCRA regulated waste, liquid	001	TT	150 ~~1000~~	G	
2.						
3.						
4.						

1)

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou

Signature:

Month: 5 Day: 5 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parrado

Signature:

Month: 5 Day: 5 Year: 23

Transporter 2 Printed/Typed Name:

Signature:

Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross

Signature:

Month: 5 Day: 5 Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-42123

GENERATOR

5. Generator's Name and Mailing Address

Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)

Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name — U.S. EPA ID Number

Brookside Environmental, Inc. — NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324

NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	170	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1) Oil-water mixture.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Hakim ZD6 — Signature — Month 4 Day 21 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 4 Day 21 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 4 Day 28 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 2741 - 41423

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	167	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: GENI RIVERA
Signature:
Month: 4 Day: 14 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature:
Month: 4 Day: 14 Year: 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month: 4 Day: 14 Year: 23

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-33123

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

Generator's Phone:

6. Transporter 1 Company Name: Brookside Environmental, Inc. — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-RCRA, non-DOT regulated waste, liquid	001	TT	236	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1) Petroleum-water mixture. Approval # 2208-0013.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou ZDG — Signature — Month 3 Day 31 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kennedy — Signature — Month 3 Day 31 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross — Signature — Month 3 Day 31 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-32423

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated waste, liquid	001	TT	248	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Petroleum-water mixture. Approval # 2208-0013.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou 2DG | Signature | Month 3 | Day 24 | Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kennedy | Signature | Month 3 | Day 24 | Year 23

Transporter 2 Printed/Typed Name: | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown | Signature | Month 3 | Day 24 | Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-31823

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated waste, liquid	001	TT	218	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Petroleum-water mixture. Approval # 2208-0013.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: GENE RIVERA
Signature
Month 3 Day 17 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kunkle
Signature
Month 3 Day 17 Year 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature
Month 3 Day 24 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741 - 31023

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, inc.
U.S. EPA ID Number
NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number
NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated waste, liquid	001	TT	229	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Petroleum-water mixture. Approval # 2208-0013.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Takashi — Signature — Month 3 Day 10 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 3 Day 10 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 3 Day 21 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631-608-8810	2778-33-

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy LLC.
3611 - 14th Ave. Suite 400
Brooklyn NY.
Generator's Phone:

Generator's Site Address (if different than mailing address)
2840 Atlantic Avenue
Brooklyn NY. 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 249-3774
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous	1	TT	90	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Gene Rivera
Signature:
Month 3 Day 3 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parada
Signature:
Month 3 Day 3 Year 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month 3 Day 3 Year 23

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-21723

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-RCRA, non-DOT regulated waste, liquid	001	TT	115	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1) Petroleum-water mixture. Approval # 2208-0013.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: GENE RIVERA | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kennedy | Signature | Month: 2 | Day: 17 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown | Signature | Month: 2 | Day: 21 | Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631 608 8810	2778 - 2923

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Ave. Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy
2840 Atlantic Ave.
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number
NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number
NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA/Non-DOT regulated waste, liquid	001	TT	140	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) App# 2208-0013

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: GIANLI RIVERA — Signature — Month: 2 Day: 10 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month: 2 Day: 10 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month: 2 Day: 13 Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2778-2323

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

Generator's Phone:

6. Transporter 1 Company Name
Brookside Environmental, Inc.

U.S. EPA ID Number
NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
209 Route 109
Farmingdale NY 11735
631 213-1324

U.S. EPA ID Number
NYR000218677

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated waste, liquid	001	TT	110	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) #6 oil and water. Approval # 2208-0013

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: T. Murayama — Signature — Month 2 | Day 3 | Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kuppecke — Signature — Month 2 | Day 3 | Year 23

Transporter 2 Printed/Typed Name — Signature — Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross — Signature — Month 2 | Day 3 | Year 23

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-12723

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, inc. — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated waste, liquid	001	TT	135	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) #6 oil and water. Approval # 2208-0013

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Takeyoshi Murayama — Signature — Month 1 Day 27 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kennedie — Signature — Month 1 Day 27 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 1 Day 30 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 2741-12023-1

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 409
Brooklyn NY 11218

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

Generator's Phone:

U.S. EPA ID Number

6. Transporter 1 Company Name: Brookside Environmental, Inc.

U.S. EPA ID Number: NYR000088681

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735

U.S. EPA ID Number: NYR000218677

Facility's Phone: 631-213-1324

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
GENERATOR	1. Non-RCRA, non-DOT regulated waste, liquid	001	TT	260	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1) #6 oil and water. Approval # 2208-0013

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Halou 2NG | Signature | Month 01 | Day 20 | Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kuwache | Signature | Month 1 | Day 20 | Year 23

Transporter 2 Printed/Typed Name: BRIAN MANAM | Signature | Month 1 | Day 23 | Year 23

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone: Month Day Year

17c. Signature of Alternate Facility (or Generator)

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Matthew Schifferstein | Signature | Month 1 | Day 23 | Year 23

DESIGNATED FACILITY'S COPY

169-BLC-O 5 11977 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741 - 11323

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, inc.
U.S. EPA ID Number
NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number
NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-RCRA, non-DOT regulated waste, liquid	001	TT	171	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1) Petroleum-water mixture. Approval # 2208-0013.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: 206 Elias Helou
Signature:
Month: 1 Day: 13 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature:
Month: 1 Day: 13 Year: 23

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month: 1 Day: 17 Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741 - 1423

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated waste, liquid	001	TT	163	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Petroleum-water mixture. Approval # 2208-0013.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: T. Murphy III
Signature:
Month: 1 Day: 4 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature:
Month: 1 Day: 4 Year: 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month: 1 Day: 5 Year: 23

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Waste Tracking Number: 62824-4

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

Generator's Phone:

6. Transporter 1 Company Name: Brookside Environmental, Inc. | U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
631 213-1324
Facility's Phone: | U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated material Oily Water	01	TT	~~30~~ 50	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval | Signature | Month 06 | Day 28 | Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: OSCAR Ponce de | Signature | Month 06 | Day 28 | Year 24

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross | Signature | Month 6 | Day 28 | Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-672024

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: **631 213-1324**
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	**Non-RCRA and non-DOT waste, liquid (oily water)**	001	TT	445	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Alex Maslah — Signature: [signature] — Month/Day/Year: 06/07/24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parada — Signature: [signature] — Month/Day/Year: 06/07/24

Transporter 2 Printed/Typed Name — Signature — Month/Day/Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month/Day/Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature: [signature] — Month/Day/Year: 6/7/24

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2710-5102024

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	**Non-RCRA, non-DOT waste, liquid (oily water)**	001	TT	250	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sadaval — Signature — Month 5 Day 10 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 5 Day 10 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 5 Day 10 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-41924

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA and non-DOT waste, liquid (oily water)	001	TT	520	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

INT'L

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Elias Helou — Signature — Month 4 Day 19 Year 24

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parado — Signature — Month 4 Day 19 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 4 Day 22 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	41524-1

5. Generator's Name and Mailing Address
2791 EDG EMPIRE STATE
2840 Atlantic Ave.
Brooklyn N.Y.

Generator's Site Address (if different than mailing address)
28-40 Atlantic Ave
Brooklyn N.Y.

Generator's Phone:

6. Transporter 1 Company Name
Brookside Environmental, Inc.

U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number:

8. Designated Facility Name and Site Address
~~Clean Water of New York~~
~~3249 Richmond Terrace~~
~~Staten Island NY 10303~~
Advanced Waste and Water Technology
208 - Doyle 109
Farmingdale N.Y. 11735

U.S. EPA ID Number: NYD000968545

Facility's Phone: ~~718 981-4600~~

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	385	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kylie Benz
Signature: Kylie Benz
Month: 4 Day: 12 Year: 24

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parado
Signature:
Month: 4 Day: 12 Year: 24

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month: 4 Day: 15 Year: 24

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2710 ~~2-3-8-1~~ - 4524

GENERATOR

5. Generator's Name and Mailing Address

Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218

Generator's Phone:

Generator's Site Address (if different than mailing address)

Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: **Brookside Environmental, Inc.** — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735

Facility's Phone: 631 213-1324 — U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid (oily water)	001	TT	624 ~~440~~	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1) Oil-water mixture.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval — Signature — Month 4 Day 5 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Posada — Signature — Month 4 Day 5 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 4 Day 5 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741-32924

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid (oily water)	001	TT	396	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature:
Month: 3 Day: 29 Year: 24

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Libizzi
Signature: MD
Month: 3 Day: 29 Year: 24

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Sarson
Signature:
Month: 4 Day: 5 Year: 24

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631-608-8810	32924-2

GENERATOR

5. Generator's Name and Mailing Address
2741-ZDG Empire State
2840 Atlantic Ave. N.Y.

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Farmingdale NY 11735
Facility's Phone: 631 249-3774
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous	01	TT	630	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature
Month 3 Day 22 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Parado
Signature
Month 3 Day 22 Year 24

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature
Month 3 Day 25 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone:

4. Waste Tracking Number: 30124-5

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: **Brookside Environmental, Inc.**
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	Non-RCRA, non-DOT regulated material - Contaminated Water	001	TT	396	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: EDDY AA
Signature:
Month: 3 Day: 1 Year: 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature:
Month: 3 Day: 1 Year: 24

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross
Signature:
Month: 3 Day: 1 Year: 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not required	1	631-608-8810	2741 - ~~11024~~ 2-1624

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	326	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) #6 oil/water mixture.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature
Month 2 Day 16 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature
Month 2 Day 16 Year 24

Transporter 2 Printed/Typed Name: BRAD GRAHAM
Signature
Month 02 Day 21 Year 24

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature
Month 2 Day 21 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631-608-8810	2741-D-6223

5. Generator's Name and Mailing Address
Empire State Dairy LLC.
3611 4th Ave Suite 400
Brooklyn NY
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy LLC
2840 Atlantic Ave
Brooklyn NY 11207

6. Transporter 1 Company Name: **Brookside Environmental, Inc.** — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
206 Route 109
Farmingdale NY 11735
Facility's Phone: 631 249-3774
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous	1	TT	135	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily water.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Elias Helou — Signature — Month 1 Day 26 Year 24

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Pavado — Signature — Month 1 Day 26 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 1 Day 26 Year 24

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	2741 - ~~12123~~ 1524

GENERATOR

5. Generator's Name and Mailing Address
Empire State Dairy, LLC
3611 14th Avenue, Suite 400
Brooklyn NY 11218
Generator's Phone:

Generator's Site Address (if different than mailing address)
Empire State Dairy, LLC
2840 Atlantic Avenue
Brooklyn NY 11207

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	121	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oil-water mixture.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sergio Sandoval
Signature:
Month 1 Day 5 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature:
Month 1 Day 5 Year 24

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown
Signature:
Month 1 Day 5 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

APPENDIX G

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE • SHELTON, CT

Enclosure 2

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

Site Details **Box 1**

Site No. **C224255**

Site Name 2840 Atlantic Avenue

Site Address: 2840 Atlantic Avenue Zip Code: 11207
City/Town: Brooklyn
County: Kings
Site Acreage: 1.001

Reporting Period: December 30, 2022 to June 30, 2024

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	X	☐

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative

9/16/24
Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C224255 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
3964-8	Empire State Dairy LLC	Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan Soil Management Plan

Periodic certification of institutional and engineering controls, allow the use and development of the controlled property for residential use, restrict the use of groundwater as a source of potable or process water, and require compliance with the Department approved Site Management Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
3964-8	Cover System Monitoring Wells

Imposition of a site cover for track 4 areas and a Fuel Oil Recovery System which includes a provision for removal or treatment of the source area beneath the former UST. Conditional Track 1 on the remainder of the site with a passive SSD system that testing will determine if the SSD system should be activated.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

3/16/24
Date

IC CERTIFICATIONS
SITE NO. C224255

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Abraham J Hoffman at 3611-14th Avenue, Ste 215, Brooklyn, NY 11218
print name print business address

am certifying as Owner (Owner or Remedial Party)

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

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

9/16/24
Date

EC CERTIFICATIONS

Box 7

Signature

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

I Erik Dee-Olsen at P.W. Grosser Consulting 630 Johnson Ave, Suite 7 Bohemia, NY 11716,
print name print business address

am certifying as a for the Empire State Dairy LLC
(Owner or Remedial Party)

STATE OF NEW YORK
ERIK JOSEPH DEE-OLSEN
088835
LICENSED PROFESSIONAL ENGINEER

Signature of Remedial Engineer for the Owner or Remedial Party, Date Rendering Certification: 9/25/2024

Stamp (Required for PE)