Veolia MIDDLETOWN
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March 31, 2025

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RE: Transmittal of Veolia Middletown Operations Report February 2025

Pursuant to Sections 3.22 and 4.10 of the Concession Agreement; Part A, Section 9.4 and Part B, Sections 5.1, 5.2.6, 5.4.3, 6.3, and 8.1 of the Operating Standards; and Section 7.1 (e), (i) of the Joint Venture Operating Agreement, transmitted herewith is an electronic copy of the subject Monthly Report.

Should you have any questions or require further information, please contact me at your convenience.

Sincerely,

Jason Kiernan
Vice President
Veolia Middletown

cc: MichaelWinfield
Ken Bonn
Shuang Li

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

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1. Executive Summary

This report covers the monthly period of February 1, 2025 through February 28, 2025.

During this reporting period, Veolia Middletown met all operational obligations. Veolia worked closely with the Borough of Middletown to provide the citizens of Middletown a consistent, high quality water and wastewater service, which meets all Federal, State and local regulatory requirements.

The following Summary highlights the achievements and challenges of the project during this reporting period.

1.1. Operations and Maintenance

Veolia effectively provided all services as required in accordance with the Operating and Technical Standards as described in Schedule 4 of the Concession Agreement dated September 29, 2014, in accordance with Best Management Practices, and all applicable Laws.

Significant operational and maintenance accomplishments for the reporting period include:

- Continue weekly monitoring of the petroleum substance entering the outfall pipe after the WWTP effluent. Short-term mitigation efforts are minimizing the discharge until a long-term plan is approved.
- Continue use of the HachWIMS application for process and regulatory data management and to optimize meeting reporting requirements.
- Continued observation of the SmartCover® Sewer Monitoring System at manholes MH-286 at Mill St, MH-290 at Hoffer Park, MH-332 at E. Main St, and MH-475A on East Water Street.
- Replaced gear motor and sprocket on thickener.
- Annual backflow prevention testing completed.
- Annual hoist inspection completed.
- North Union Street generator installed for temporary booster station.
- Annual Wastewater lab scale calibration completed.
- Ox Ditch Rotor #4 motor replaced.
- Ox Ditch Rotor #4 breaker replaced.
- Well 4 & 6 level sensors replaced.

1.2. Regulatory Compliance

A Notice of Violation (NOV) was issued on March 1, 2021 for Well # 4 Fluoride system deficiencies. 25 Pa. Code Section 109.602(b) requires that, "Designs of public water facilities shall conform to accepted standards of engineering and design in the water supply industry and shall provide protection from failures of sources, treatment, equipment, structures or power supply." The current chemical feed design of the fluoridation system at treatment plant 304 does not meet acceptable design and construction standards, which constitutes a violation of 25 Pa. Code Section 109.602(b).

A brief summary and status update regarding the NOV, our efforts to date, and action plan to resolve the issue follows:

- NOV was issued by DEP on 3/1/21
  - Verbal consult with the Department (30 Day) - Due by 3/31/21 - Completed
  - Respond in writing (45 Day) – Due by 4/15/21 - Submitted
  - Complete corrective actions (120 Day)– Due by 6/29/21 –Extended by DEP
    - PA DEP did not provide an updated deadline but wants to see continued progress with the project.

To satisfy this Regulatory requirement, Veolia has begun to implement a full flow proportional chemical feed system at each of the active wells. In order to achieve this, upgrades have to be made to each wells SCADA system. Below is a table summarizing the current status of each wells flow pacing and SCADA system

Well #	Flow Paced - Chlorine	Flow Paced - Fluoride	SCADA Upgrade
Well 1	No	No	No
Well 2	Yes	Yes	No
Well 3	Out of Service		
Well 4	Yes	Yes	Yes
Well 5	No	Yes	No
Well 6	No	No	Yes

Veolia has partnered with Tri Star Inc. to complete this upgrade. Tri Star is actively working on this project and will be completed by June 2025. Once complete, the regulatory requirement will have been met.

Veolia submitted the Well 6 Groundwater Withdrawal Application for renewal to the Susquehanna River Basin Commission (SRBC) on January 10, 2022 with a requested withdrawal quantity of 1,070,000 gallons per day (gpd), which is what the well is currently permitted for. After reviewing the application in further detail, SRBC has proposed 324,000 gpd as the 30-day average quantity allowed to be pumped from the well. Veolia is working with HRG and ARM group to perform additional evaluations to support a request for 600,000 gpd permitted withdrawal from Well 6. On May 21, 2024, SRBC requested additional information to perform a technical review on the 0.856 MGD 30-day average quantity requested for well 6. The final information for the technical review was submitted in August 2024 and the Well 6 docket was placed on the agenda for the September 12, 2024 SRBC business meeting for approval. The docket was approved.

1.3. Environment, Health and Safety

Comprehensive, job-specific environment, health and safety (EH&S) training continued this month.

1.4. Customer Service

The current operating period was very successful for Customer Service in Middletown. Some accomplishments include:

- Customer service payments remain open via payment drop box, telephone, email and US Mail.
- Continued to track and update reports to meet the needs for data analysis, revenue forecasting, and reporting requirements.
- Continued to work on online payment program for Middletown customers, which successfully launched in March 2025.

The meter reading cycle for water consumption in February was successfully completed on February 24th, 2025.

- Sent 291, 10-day shut-off notices to accounts that were $50 past due for the January 2025 billing period

1.5. Engineering and Capital Expense

A complete breakdown of the proposed projects and significant accomplishments for the Engineering and Asset Management areas are included in the Engineering section of this report. Veolia Middletown will continue efforts to maintain operations at a high level of reliability, while monitoring unaddressed, identified capital projects that continue to accrue and if not implemented have the potential to impact future performance.

1.6. Conclusion

Veolia continues to operate the Borough's water and sewer systems in compliance with Concession Agreement, Operating and Technical Standards.

2. Monthly Operations Report

Veolia Middletown effectively provided all services as required in accordance with the Operating and Technical Standards as described in Schedule 4 of the Concession Agreement dated September 29, 2014, in accordance with Best Management Practices, and in accordance with all applicable Laws and regulations

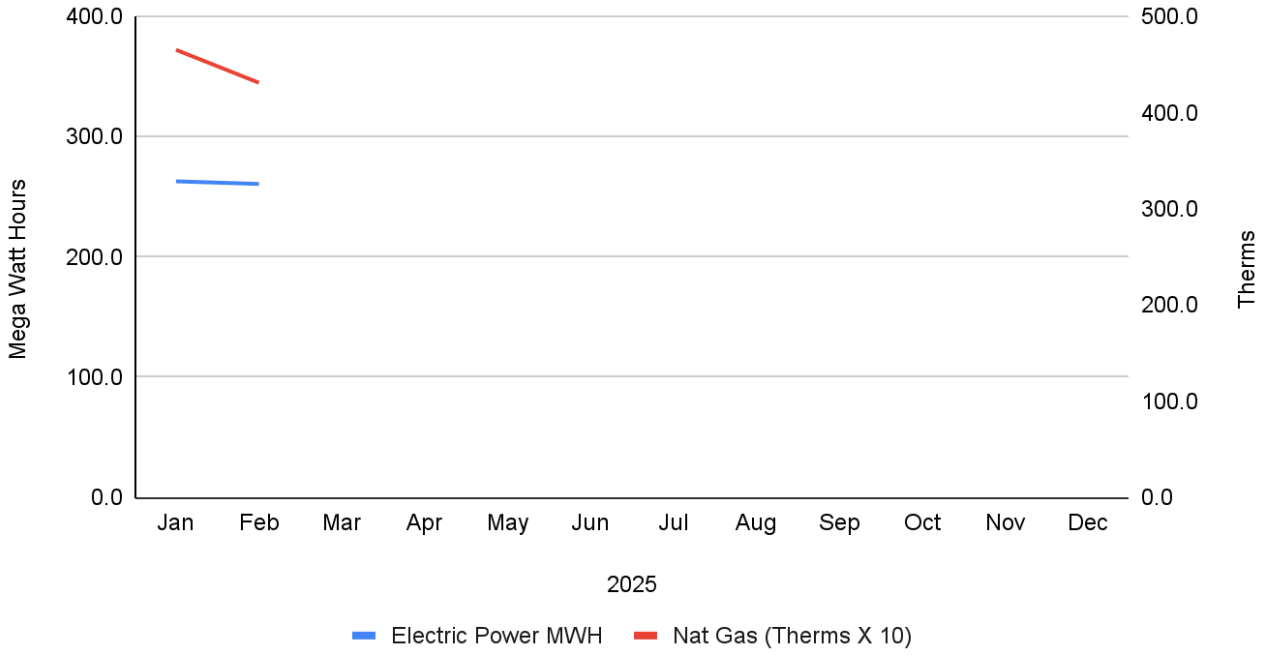
Wastewater Treatment Plant DMR
The eDMR for this reporting period was electronically submitted to the PADEP. A copy of the report and submittal verification is attached with Appendix A.

Quality Control Reporting
Written certification of Laboratory Quality Control is included with a copy of the monthly eDMR submittal and can be found in the Appendix to this report. No proficiency testing was required to be conducted this month.

2.1. Energy Management and Sustainability

Energy & Natural Gas Use

Monthly energy used in operation of the water and wastewater systems, including electricity and natural gas, is presented in the table below.



*Note- The utility usage data from Engie is not released until the 28th of the following month.

Energy Efficiency Initiatives

Set up for utility use data collection and reporting has been implemented. Review of this data will continue as the data is compiled on a monthly basis. Long term initiatives currently being explored include the potential for solar and process efficiency improvements. LED lighting and a smart thermostat has been installed in commonly used areas to improve energy efficiency.

Sustainability

Middletown received a score of 96 for the GRESB Report submitted in 2024. Previous scores include a 97 for the GRESB Report submitted in 2023, 91 for the GRESB Report submitted in 2022, and an 81 was received for the GRESB Report submitted in 2021. There were new categories in the 2024 report and the Middletown project rose two places in the peer ranking. Objectives will be developed to increase and support biodiversity and sustainability initiatives.

2.2. Water System and Wastewater Treatment Plant Maintenance

Equipment out of service during the month is listed in the table below.

System	Equipment	Process Location	Date Off Line	Reason for Taking Off Line	Date Returned to Service
Water	Well Pump	Well 3	9/14/21	Pump Failure	In Progress
WWTP	Oxidation Ditch 2, Rotor #2	OX Ditch	01/28/25	Trouble Shooting Intermittent Failures	In Progress
WWTP	Raw Pump #1	Wet Well	02/17/24	Capital Project	In Progress

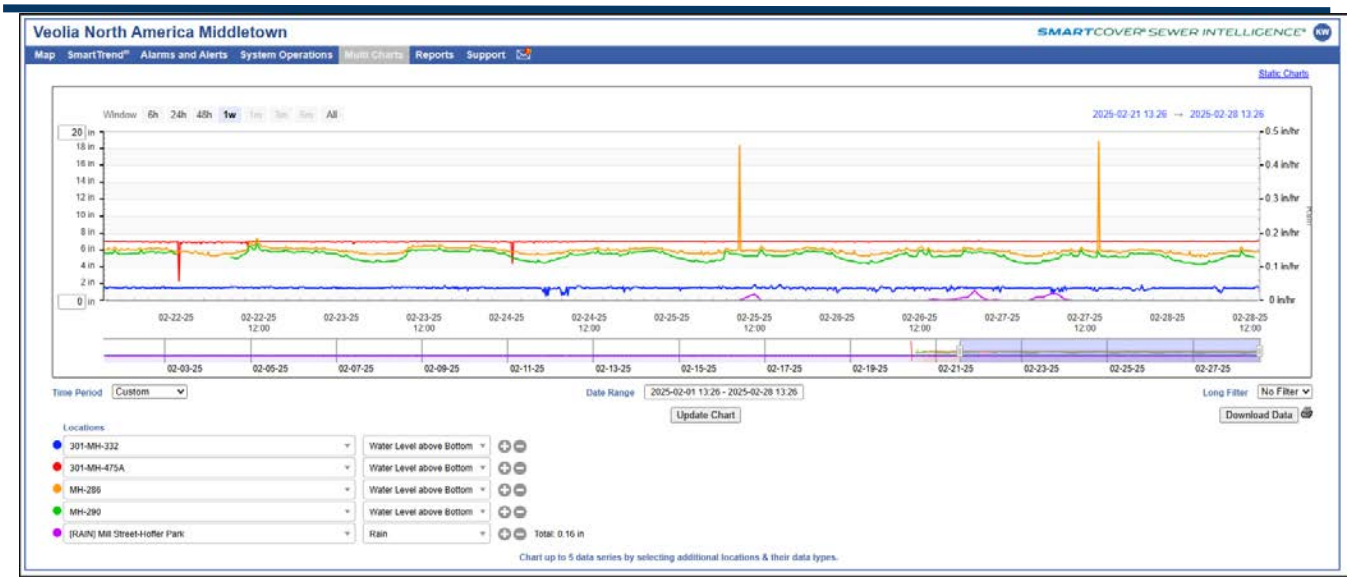
Sanitary Sewer System

SmartCover® Sewer Monitoring System

The covers use level sensing technology to analyze sewer elevations throughout the monitored area. This technology is used to monitor and reduce sanitary sewer overflows (SSO's) at problematic locations. The SmartCovers installed in Middletown are located at the interceptor on Mill St. and the entrance to Hoffer Park and were installed to better monitor and reduce surcharges and prevent SSOs in the interceptor. In an effort to expand the monitoring areas within the system, two additional SmartCovers were installed in July 2021 at MH- 332 (East Main St) and MH 475A (East Water St).

The SmartCover sensors were installed, in conjunction with a thorough cleaning of the interceptor, as part of the PA DEP Corrective Action Plan (CAP). Upon cleaning of the interceptor and installation of the sensors, we are now able to monitor surcharge conditions in "real-time".

In February 2025, SmartCovers MH-286, MH-290, and MH-475A were serviced by a SmartCover technician to help maintain accurate communication of the devices.



2.3. Key Performance Indicators

Project Status Snapshot

The following table is a graphical representation of relative progress for each of four identified Key Performance Indicators (KPIs) for the wastewater collection and water transmission and distribution system.

KPI	Hydrants Inspected	Main Valves Exercised	Ft Water System Leak Detection	Ft Wastewater Mains Cleaned
YTD	1	11	0	410
Goal	185	120	5280	19650

KPI Comments

Hydrants inspected and maintained: The hydrant inspection and preventative maintenance program will be completed in conjunction with the annual water main and hydrant flushing program.

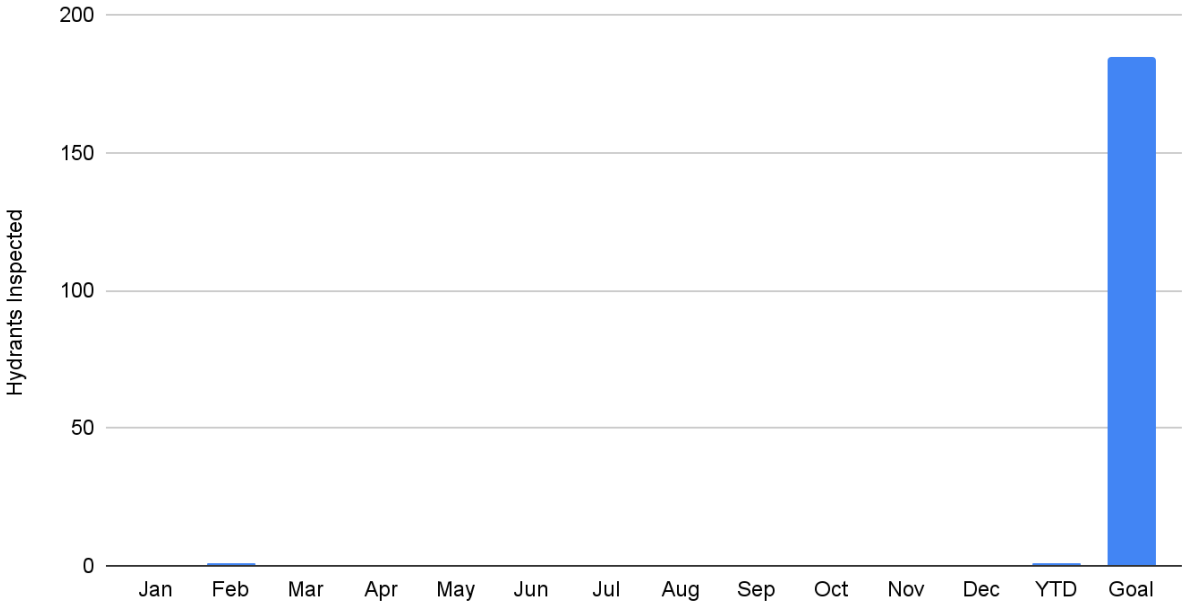
Water Main Valves Exercised: A comprehensive condition assessment program was part of the development of the asset management program. The program includes valve identification and location, condition assessment, exercising, determining the number and direction of turns, etc. Identifiers are being created using GIS data that was collected during the first phase of the project. Valves that have been identified in need of repair or replacement will be scheduled for repair or replacement over time based on operational priority of the valve.

Sanitary Mains Cleaned/CCTV Inspected: The work on this task will be scheduled and completed throughout the year.

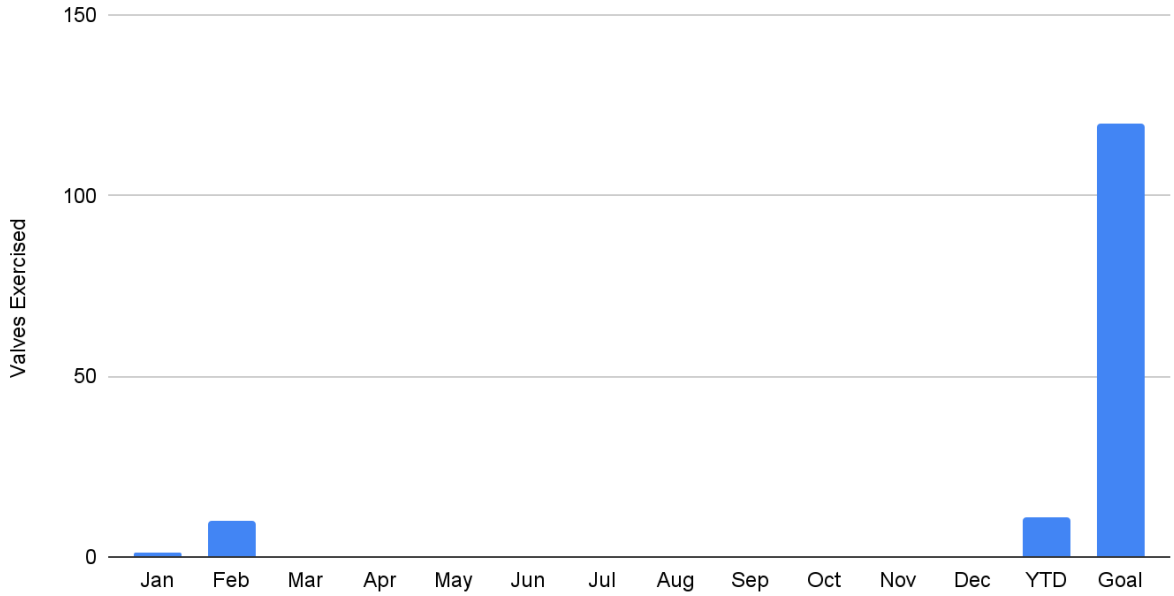
Water Loss: Identifying and reducing the system water loss has been a key focus for Veolia. In an effort to identify and resolve the sources of water loss, continue to (1) verify the accuracy of the billing system

reports, (2) verify the production meter accuracy at each well site based on review of the quarterly calibration records, (3) test a representative sampling of meters/MIU's to ensure the integrity of the data being downloaded to the billing system and verify the accuracy of residential meters. We continue to identify and, when found, repair water leaks throughout the system. In addition, following AWWA guidelines and standards, Veolia has identified and is in the process of testing and replacing 10% of the systems small meters, starting with the oldest meters.

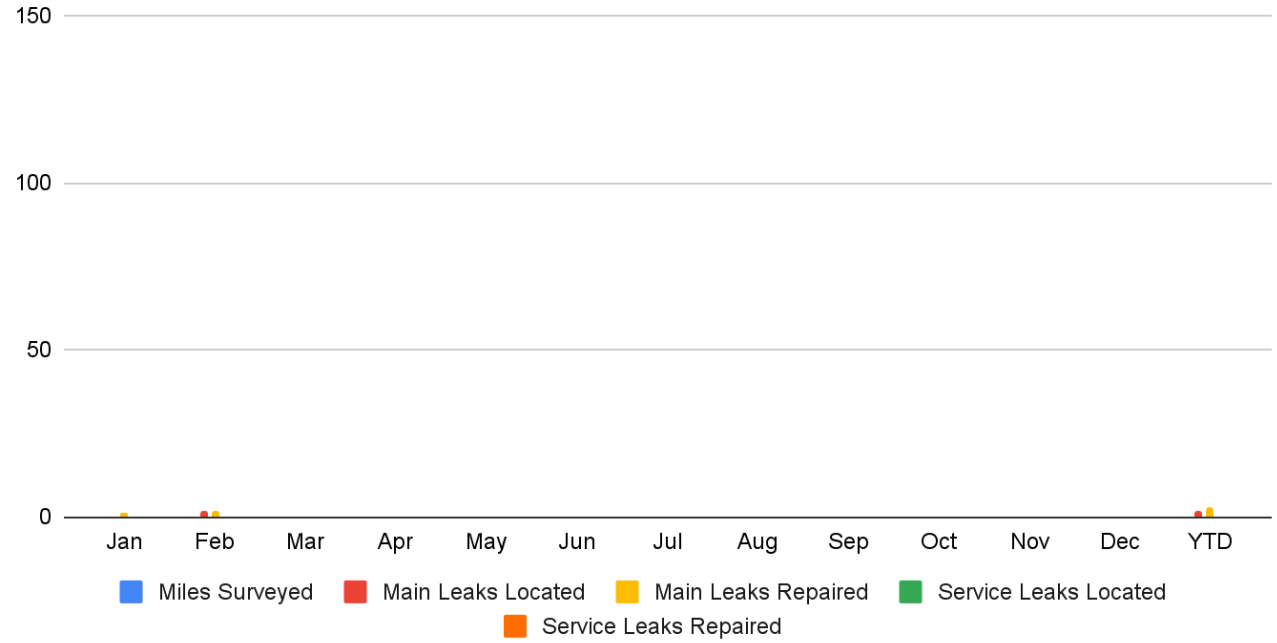
Hydrants Inspected: Tested and Flushed



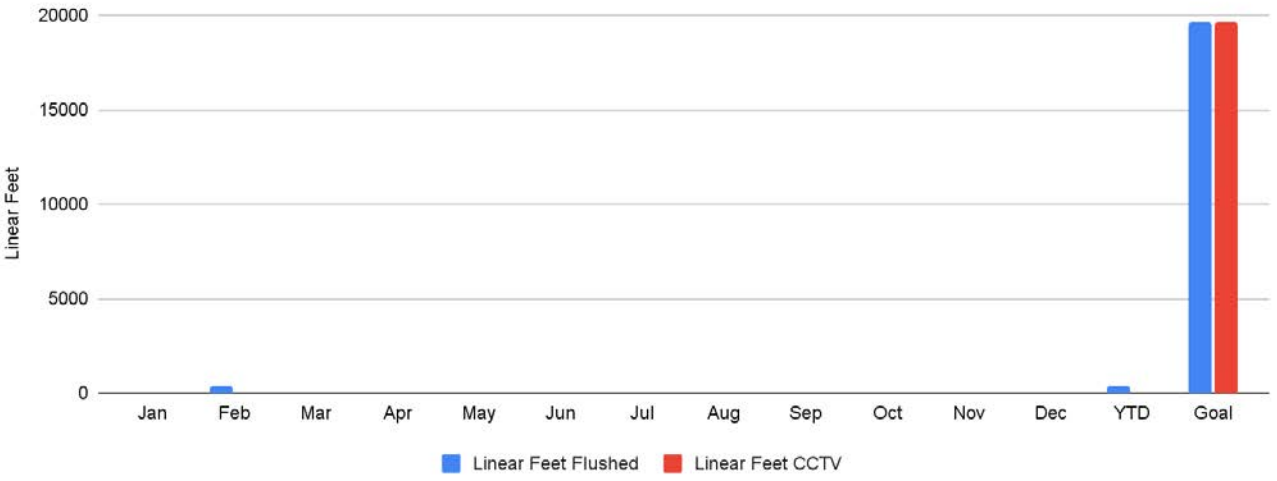
Water Main Valves Exercised



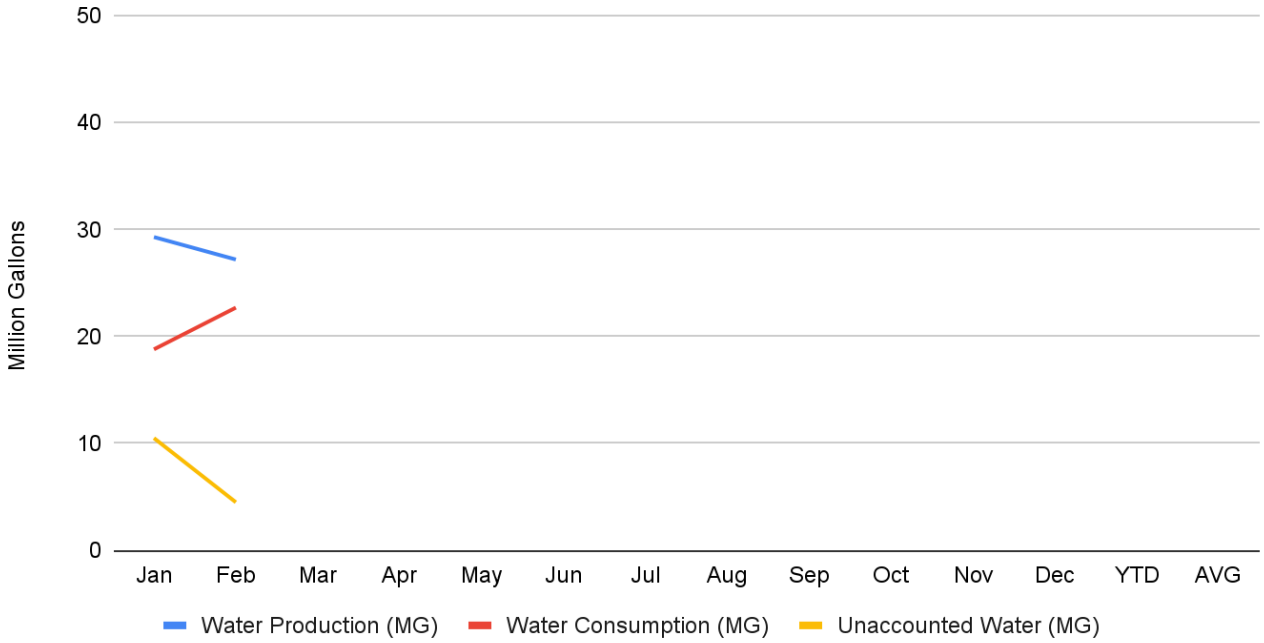
Water System Leak Detection



Wastewater Mains Cleaned/CCTV Inspected



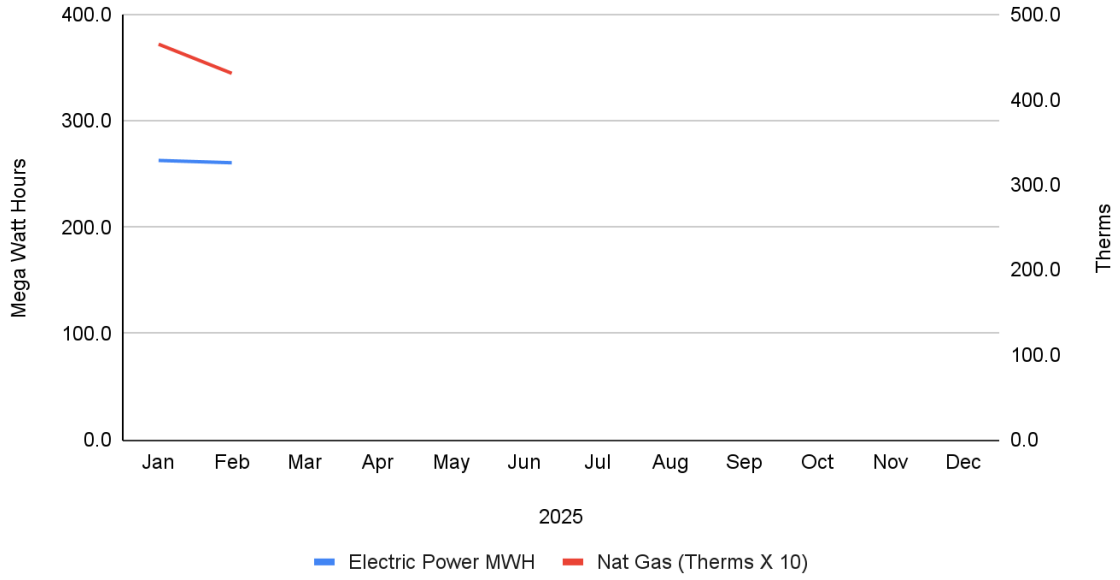
Water Production, Water Consumption and Unaccounted Water



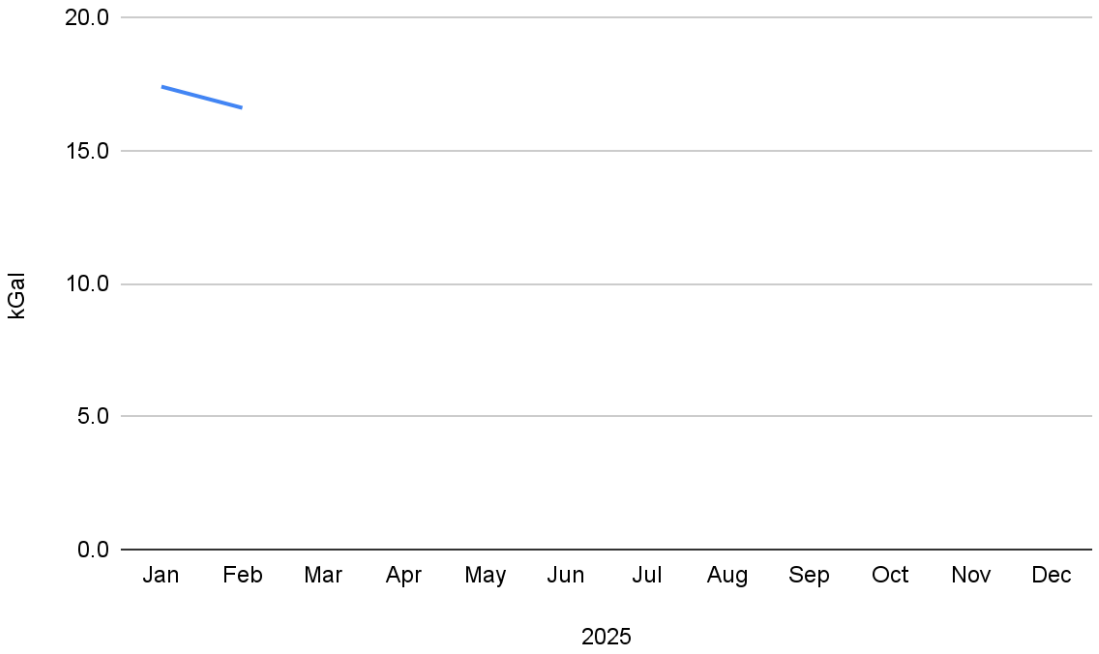
Unaccounted for water calculation does not include unmetered, estimated flows used for firefighting, training and system maintenance and flushing activities. This is a nominal amount equating to approximately 1% to 2% of the unaccounted water volume. Veolia is investigating the unaccounted for water fluctuations.

There were two main break leaks discovered using leak detection in February 2025. Both leaks were repaired and a decrease in water production at the wells was noticed.

Utilities: Electric Power & Natural Gas



Utilities: Potable Water Use



Process Chemicals: Water and WWTP Treatment

Chemical	Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Hypochlorite (Water)	**gal**	293	267											**560**
Hydroflurosilic Acid	**lbs**	454	405											**859**
Alum	**gal**	1408	1462											**2870**
Thickening Polymer	**gal**	105	105											**210**
Dewatering Polymer	**gal**	73	46											**119**
Chlorine (WWTP)	**lbs**	334	558											**892**
Lime	**lbs**	4746	2478											**7224**

Tank Inspection: Water and WWTP

A tank inspection schedule was developed and submitted to the Borough. The tank inspection reports will be maintained in the Project Managers office for review.

Nitrification Control Program

Currently there is no requirement or need for a nitrification control program at the facilities. Veolia will continue to monitor the system for the need of a program and initiate accordingly.

Facility Security

There were no security issues or events during the month.

Meter Testing

A summary of Meter testing is provided in the table below. Quarterly testing and calibrations were completed on water and wastewater process meters, pursuant to the Concession Agreement and Operating Standards. Testing and calibration reports will be attached with the Appendix to this report as they occur.

The 2023 small meter replacement program began in July 2023 and finished in December 2023. MeterTek was utilized as the contractor. Two hundred eighty-one small meters were replaced during the project. All small meters were tested at the conclusion of the project with a 95% pass rate. The Middletown project continues to replace small meters as needed. The 2024 replacement program began in April and was completed in August 2024. MeterTek was utilized as the contractor for the meter replacement.

Meter Testing Summary

Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	YTD
WWTP Process	3	0											3	0	0	0	**3**
Water Process	9	1											10	0	0	0	**10**
Interconnect/Large	0	0											0	0	0	0	**0**
Small Meter	0	0											0	0	0	0	**0**
TOTAL	12	1	0	0	0	0	0	0	0	0	0	0	13	0	0	0	**13**

Upcoming Month Operational Priorities

- Continue utilization of the Llumin CMMS System to create and track work orders. and perform scheduled equipment maintenance.
- Continue to monitor and refine unaccounted Non-Revenue Water (NRW) losses.
- Continued focus on staff safe work practices and safety.
- Upgrades to Chemical Feed Systems.
- Safety Upgrades to water and wastewater systems.
- Continue management of underground infrastructure replacement and other capital construction projects.

2.4. Customer Service

Highlights

Veolia Middletown closed the Customer Service Office and Administration building to customers and non-essential visitors at the start of the COVID-19 pandemic. At this time the window will remain closed, but the telephone and drop box for payments remain open. Call volume increased in December with a total of 909 calls received. Call volume has remained high through December due to an increased number of customers making payments over the phone. All calls received by answering service or that were placed to the answering service after office hours were responded to. The JV submitted an application for the State's Low Income Housing Water Assistance Program (LIHWAP) in January 2022. The application was accepted and twenty-five customers were able to utilize the program before the LIHWAP program ended on October 28, 2022, due to lack of federal funding. The LIHWAP program was reopened on July 10, 2023 and concluded on August 18, 2023. Nineteen customers were able to utilize the program while it was open in 2023.

The 2024 rate increase has been implemented in accordance with Middletown Water Annual Recovery Report and the surcharge was terminated in October when the threshold was reached. The new surcharge of 4.6% went into effect on March 1, 2024. The previous surcharge rates were 11.5% and 15%.

The release of bill files for printing and mailing this month occurred in 2 days with bills for services provided in February being mailed to customers on February 27th, 2025. The average gross monthly collection rate for February was 107.3% and 101.35% for the last 12 month rolling average.

A focused effort continued this month to review idled meter accounts and identify locations where consumption was not zero. Based on this review and investigations at the service addresses the number of idle accounts was 21 accounts this month, which is up from last month. There were no idle meters with consumption this month.

The number of Field Service Requests in February was 64.

Customer Service: Calls by Type

Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	2024	2023
General Acct. Info	1	4											5	75	101
Bill Inquiry	364	108											472	958	1206
Finals	13	9											22	175	163
New Account	4	5											9	75	92
Meter Reading / Re-Reads	0	0											0	2	17
Payments	769	725											1494	7395	7140
Collection Letter	22	21											43	449	623
Rates	0	2											2	7	15
Complaints	0	0											0	0	4
Sewer	0	1											1	3	3
Leaks	3	1											4	7	27
No/Low Water Pressure	0	2											2	2	5
Copy of Bill	332	8											340	40	36
Correct Bills	0	0											0	1	0
Meter Change Out	0	0											0	0	1
Customer Correspondence	86	94											180	718	653
Calls Referred to Veolia Harrisburg	25	23											48	298	306
Calls from City/Other Organization	0	0											0	0	0
Compliments	0	0											0	1	0
2025 Totals	**1619**	**1003**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2622**		
2024 Totals	**620**	**854**	**871**	**809**	**817**	**953**	**820**	**905**	**879**	**934**	**916**	**929**	**10307**		

Note: Noise and personnel complaints are tracked under “Complaints” in the chart above.

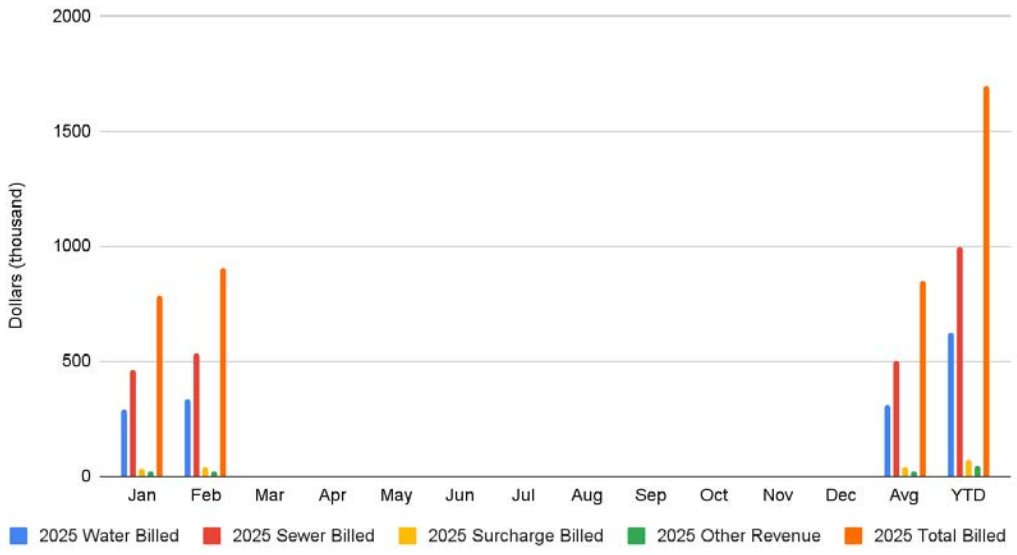
A compliment was received by customer service in regards to a customer payment issue. The customer came to the office to fix the payment issue. She brought cookies for the office as a “thank you”.

Customer Service: Calls by Type

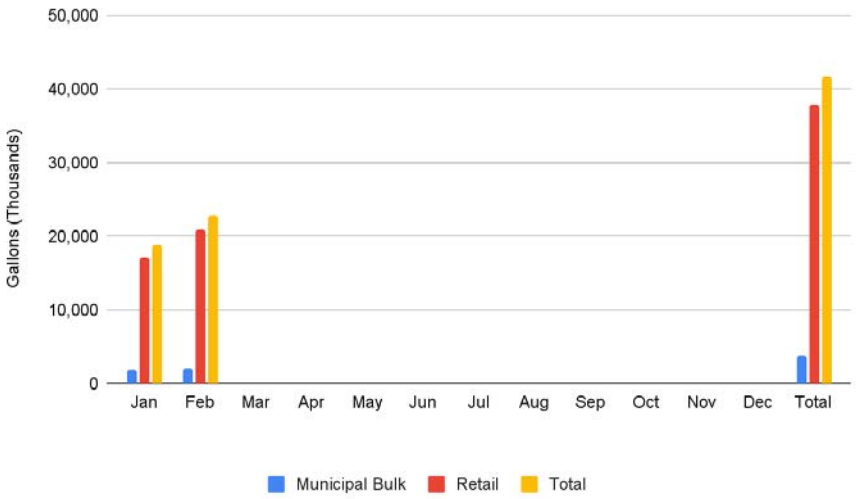
All Neptune* meters continue to be read on the same day each month, if possible, and the organization of billing in 2 cycles with one group being all residential and the other group being all commercial/industrial accounts, was continued.

* Neptune is the meter manufacturer

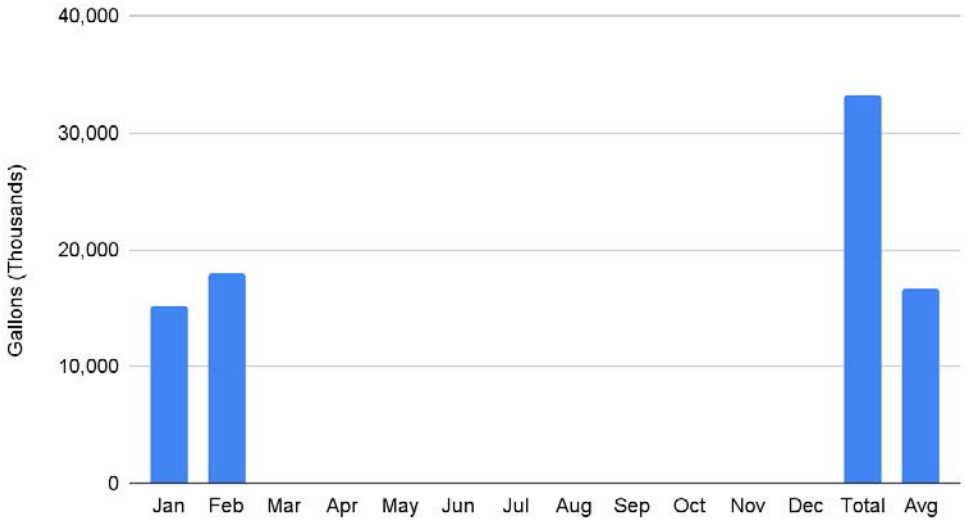
Dollars Billed - Water and Sewer (dollars X1000)



Water Sales - Monthly Consumption (gallons X 1000)

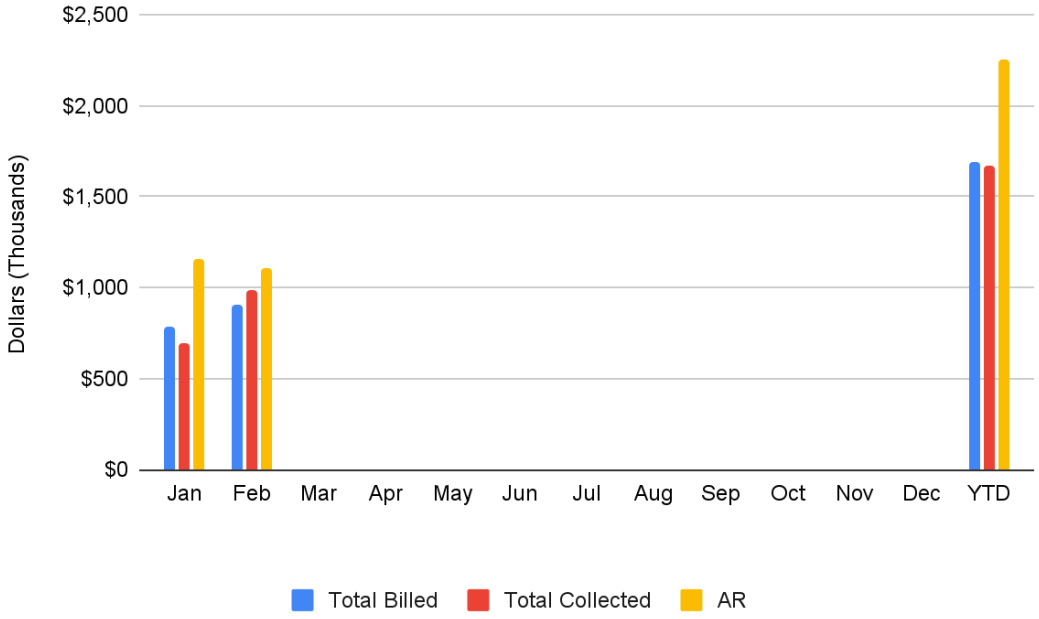


Sewer Sales – Monthly (gallons X 1000)

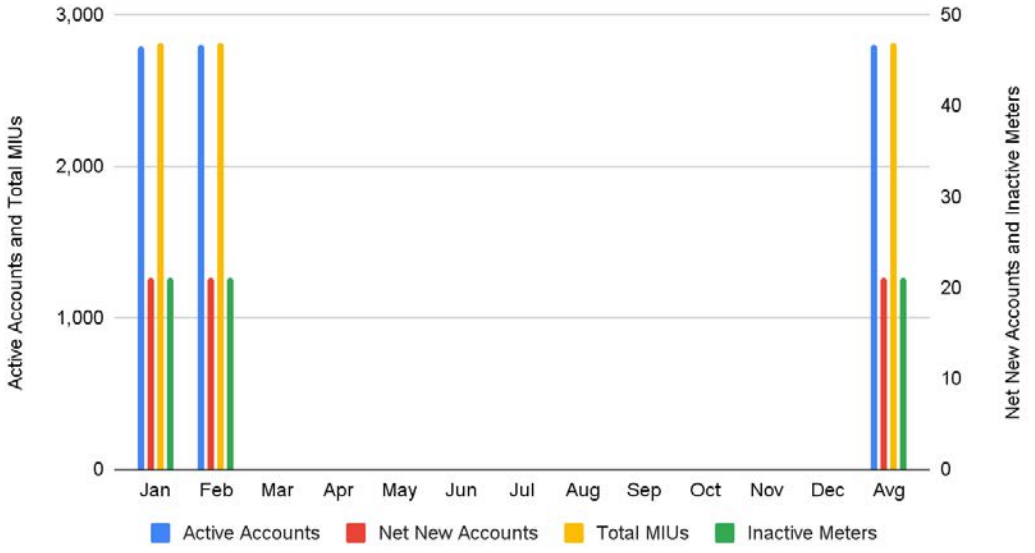


Collections (dollars X 1000)

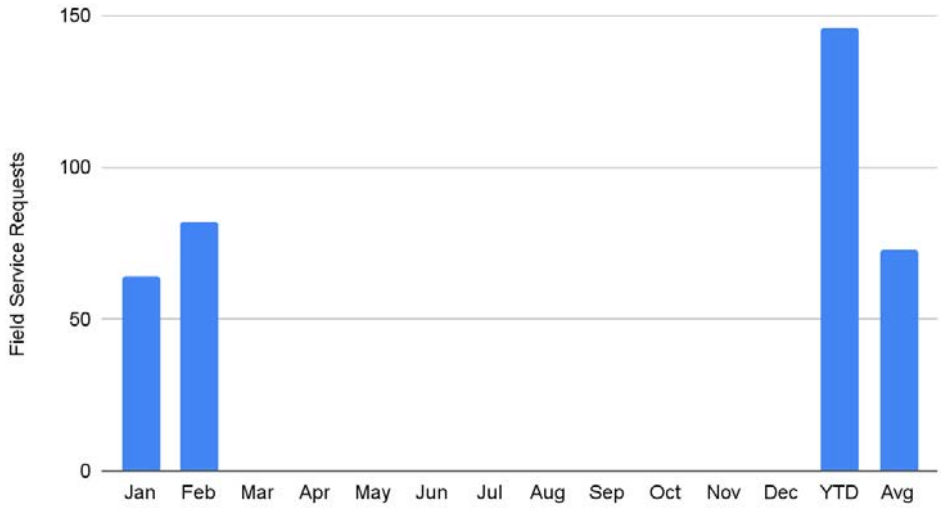
Collections on payment for water and sewer services occurred during the current month and are displayed on the graph below.



Accounts & Meters



Field Service Requests



Service Disruptions

A summary of service disruptions is provided in the table below.

Service Disruptions Summary

Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	YTD
Planned	0	0											0	0	0	0	**0**
Unplanned	0	0											0	0	0	0	**0**
2025 Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Water Quality Calls

A summary of water quality complaints is provided in the table below.

Water Quality Complaints Summary

Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	YTD
Taste and Odor	0	0											0	0	0	0	0
Discolored	0	0											0	0	0	0	0
Boil Water Notices	0	0											0	0	0	0	0
2025	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

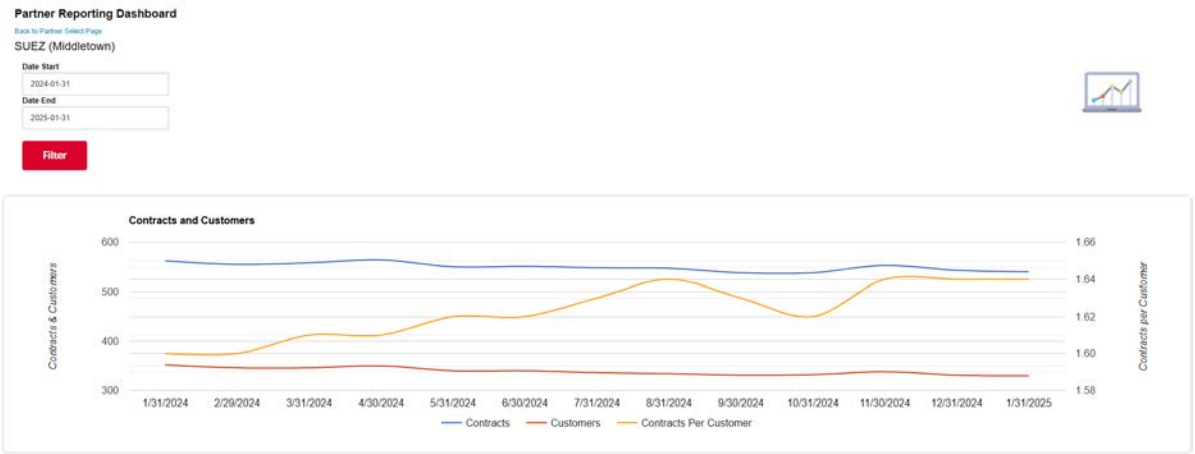
Sewer and Collection Issues

A summary of complaints related to the sewer and collection system is provided in the table below.

Sewer Quality Complaints Summary

Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	YTD
Back-up / Blockage	0	1											1	0	0	0	1
Odor	0	0											0	0	0	0	0
2025 TOTAL	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**

Home Serve USA



Additional HomeServe data for the reporting period can be found in Appendix 3

Next Month Customer Service Priorities

Research customer usage portal option with Neptune. Work on lowering outstanding collections in 2025.

Water Sales Test Period

Water Sales Test Period No. 4 1/1/2024 to 12/31/2026	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total	YTD Avg
Total consumption for the month (gallons)	2024	20,610,500	22,016,900	18,229,900	20,271,100	18,323,200	19,844,100	19,538,500	21,325,800	20,035,300	20,548,000	18,853,300	21,750,200	241,346,800	20,112,233
	2025	18,888,800	22,798,580											41,687,380	0
	2026													0	0
Billing Period (days)	2024	31	29	31	30	31	30	31	31	30	31	30	31	366	31
	2025	31	28	31	30	31	30	31	31	30	31	30	31	365	30
	2026	31	28	31	30	31	30	31	31	30	31	30	31	365	30
Retail Sales - Total month (gallons)	2024	18,849,700	20,234,400	16,655,500	18,480,100	16,592,500	17,810,100	17,582,900	19,295,500	18,132,400	18,501,900	16,985,000	19,567,500	218,687,500	18,223,958
	2025	17,021,000	20,819,000											37,840,000	0
	2026													0	0
Retail Sales - Average Daily (gallons per day)	2024	608,055	697,738	537,274	616,003	535,242	593,670	567,190	622,435	604,413	596,835	566,167	631,210	7,176,234	598,019
	2025	549,064	743,536											1,292,600	0
	2026													0	0
Avg retail water sales (gal)		**578,559**	**720,637**	**537,274**	**616,003**	**535,242**	**593,670**	**567,190**	**622,435**	**604,413**	**596,835**	**566,167**	**631,210**	**2,822,945**	**199,340**
Bulk Municipal Sales - Total month (gallons)	2024	1,760,800	1,782,500	1,574,400	1,791,000	1,730,700	2,034,000	1,955,600	2,030,300	1,902,900	2,046,100	1,868,300	2,182,700	22,659,300	1,888,275
	2025	1,867,000	1,966,000											3,833,000	0
	2026													0	0
Bulk Municipal - Average Daily (gallons per day)	2024	56,800	61,466	50,787	59,700	55,829	67,800	63,084	65,494	63,430	66,003	62,277	70,410	743,079	61,923
	2025	60,226	70,214											130,440	0
	2026													0	0
Avg Bulk Customer sales (gal)		58,513	65,840	50,787	59,700	55,829	67,800	63,084	65,494	63,430	66,003	62,277	70,410	291,173	20,641

Contract Daily Bulk Water Sales Upper Limit (gal/day) =	**62,970**
Bulk Sales Surplus (gal/day) =	**No Surplus**
Sum of Actual Average daily volume of Metered water sales to Retail Water Customers over Test period + Bulk Sales Surplus (gal/day) =	**199,340**
Contract Daily Water Sales Upper Limit (gal/day) =	**639,340**

2.5. Human Resources

Highlights

Tyler Hannan passed the Pennsylvania Department of Environmental Protection (PADEP) examination to earn the Water Class C, E and Subclass 8, 12 License.


Commonwealth of Pennsylvania
Department of Environmental Protection
In accordance with the
State Board for Certification of Water and Wastewater Systems Operators
and the Regulations of the
Department of Environmental Protection
TYLER J HANNAN
Is Hereby Authorized to Operate
WATER SYSTEM
Class: C,E; Water
Subclass: 8,12
Client ID:
TYLER J HANNAN
1265 GINGRICH RD
MIDDLETOWN PA 17057-5204
Issue Date Feb 12, 2025
Expiration Date Dec 31, 2027
Mary Roland
Board Chairperson
Certificate No.

Veolia launched the Advanced Water class, which began in the 4th Quarter of 2024 and ended in February 2025. The Advanced Water course is a 90-hour class and a partnership with Rutgers University that equips Veolia staff with the knowledge needed to acquire water licenses. The course is taught to Veolia personnel by experienced Veolia staff members, which includes a DEP-approved curriculum and plant site tours. The Advanced Water course was taught by Veolia Staff including Jason Kiernan, Kodi Webb, and John Hroncich. The class included Veolia Middletown employees including Ashley Ledwich, Micah Ammerman, and Michael Bixler.

Veolia Advanced Water students and teachers on a tour of the North Brunswick, NJ Water Treatment Plant .

3. Engineering and Capital Improvements

Capital improvement projects for the water and wastewater systems were developed for 2025 and presented in the draft Five-Year Capex Plan to the Concessionaire and Borough. The projects are divided into Base CAPEX projects and Major CAPEX projects. Careful consideration is given when awarding projects to ensure that experienced and responsible contractors that meet the Responsible Contractor Policy are selected.

Proposed Base Capex Projects:

Capital Projects from the Base CAPEX are listed below:

- **Water/Wastewater Performance Evaluation:** As part of a contractual obligation, Veolia solicited HRG to provide professional engineering services to complete both the Water and Wastewater System Performance Evaluation.
- **Ventilation of ATAD Building Project:** This project aims to enhance the ventilation system within the building to mitigate the excessive heat generated by the ATAD and SNDR pumps. This improvement is essential to safeguard the motor control panels from overheating, ensuring their optimal functionality and preventing potential damage caused by elevated temperatures.
- **WWTP SCADA Upgrade Project:** This project is to upgrade the Wastewater Treatment Plant's Supervisory Control and Data Acquisition (SCADA) system involving the replacement and modernization of both software and hardware components. This comprehensive upgrade aims to enhance the plant's overall operational efficiency, data collection and analysis capabilities, and remote monitoring and control functionalities.
- **WWTP Facilities Security Upgrades Project:** This project encompasses a series of security

upgrades to be implemented at the Wastewater Treatment Plant (WWTP) facilities. These upgrades are based on the findings and recommendations of a comprehensive condition assessment, as well as routine inspections conducted at the WWTP site.

- **Well Facilities Security Upgrades Project:** This project encompasses a series of security enhancements that will be implemented across our Well facilities. These enhancements are directly informed by the findings of a comprehensive condition assessment and routine inspections that were carried out to evaluate the current state of security infrastructure and protocols.
- **Trench Opening Restoration Project:** This project will be undertaken to execute roadway enhancements in accordance with the Borough's directives and the latest regulatory mandates pertaining to roadway openings.
- **WWTP Electrical Upgrades:** Project to perform improvements on the electrical system within the WWTP.
- **Water and Wastewater Systems Miscellaneous Upgrades:** Various water and wastewater systems upgrades based on condition assessment and routine inspections made throughout the year
- **Safety Upgrades:** Various environmental, health and safety equipment improvements at the WWTP and well sites.

Major CAPEX Projects:

Major CAPEX projects will be planned and completed pursuant to the requirements of the Concession Agreement, and the AAA arbitration decision received in 2020. Note that in conjunction with the general requirements set forth in the Operating Standards (i.e., Schedule 4 of the Concession Agreement), the Concessionaire may implement Major Capex to meet emergency, health, safety and water quality requirements at its discretion, and in accordance with Good Engineering and Construction Practices. These projects, which the Concessionaire continues to study in conjunction with Veolia, include, but are not limited to,

- Underground Infrastructure Replacements
- Water Storage Tank Rehabilitations
- Headworks Upgrades
- Wastewater Plant Upgrades
- Water Well System Upgrades
- WWTP Effluent Outfall Rehabilitation
- Flow Proportional Chemical Feed Well Upgrades

Underground Infrastructure Replacements:

The underground infrastructure upgrades in Middletown began with the 2015 project, completed by EK Services in June 2016, which replaced 2,500 linear feet (LF) of water main along Ann Street and Oak Hill Drive. Following this, EK Services completed the 2016/2019 project in May 2021, replacing 5,600 LF of water main on High Street and Catherine Street. The 2017/2020 project, also executed by EK Services, involved 5,500 LF of water main and 1,000 LF of sewer system replacement, reaching completion in July 2022 after COVID-related delays. Wexcon handled the 2018/2021 project, completing 5,000 LF of water main and 1,000 LF of sewer system replacement in early 2024, which included connecting high and low pressure zones to improve water pressure in certain areas.

This year, Veolia will begin the 2022/2023 project which aims to replace/rehabilitate approximately 5,176 LF of water main and approximately 1,916 LF of sewer main along with 22 sewer manholes. Construction for this project is set to start in the beginning of May 2025 and is estimated to be completed by February 2026. A majority of this year's project will encompass areas of E. Waters St and N. Union St.

Water Storage Tank Rehabilitations

A comprehensive water storage tank rehabilitation project was initiated as part of the 2020 Capital Improvement Plan, encompassing three tanks. The High Street Tank project was awarded to IK Stoltzfus in October 2021. This tank was completed in December 2022 and returned to service in February 2023 following interior/exterior blasting and repainting. The Turnpike Tank rehabilitation, also awarded to IK Stoltzfus, began in August 2023 and was completed and returned to service by November 14, 2023.

The final phase, the North Union Street Tank, is currently being rehabilitated by I.K Stoltzfus. This tank was drained and taken out of service in December 2024. Before rehabilitation could commence, a cable corral had to be installed by AT&T prior to the tank blasting and was in January 2025. A temporary booster pump station was also installed to ensure adequate water flow to the high pressure zone prior to the N. Union Street tank being drained. Once the accessory work was completed, IK Stoltzfus began to blast and paint the interior and exterior of the tank. It is anticipated that the tank will be returned to service in the beginning of May 2025.

Improvements to the tank also consisted of the addition of a new maintenance manway and hatch. This will allow for a safer means of access into the tank for any future maintenance.

Headworks Upgrades

At the influent of the WWTP sits various pieces of equipment that make up the headworks of the facility. This equipment includes three raw water pumps, a bar screen, a washer compactor and various other safety and electrical components required to run a complete operation. This area is also the first stop for the raw sewage that comes from the Borough sewer pipe network. It is in this Headworks area, that large debris and material is removed from the sanitary sewer water and collected for disposal.

Because of the organic matter in sanitary sewer water, various corrosive gases are produced that can lead to the degradation of the equipment in the headworks area. Over the years, this equipment has deteriorated and began to fail. Veolia has begun the rehabilitation of the headworks area to protect the equipment against the harmful corrosive gases.

These upgrades include the replacement of the washer compactor system, installation of a grit flushing system on the raw water pumps, electrical and controls upgrades and structural repairs to the walls and ceilings. This work is currently underway and will be completed by the end of September 2025.

Flow Proportional Chemical Feed Well Upgrades

A Notice of Violation (NOV) was issued on March 1, 2021 for Well # 4 Fluoride system deficiencies. 25 Pa. Code Section 109.602(b) requires that, “Designs of public water facilities shall conform to accepted standards of engineering and design in the water supply industry and shall provide protection from failures of sources, treatment, equipment, structures or power supply.” The current chemical feed design of the fluoridation system at treatment plant 304 does not meet acceptable design and construction standards, which constitutes a violation of 25 Pa. Code Section 109.602(b).

To satisfy this Regulatory requirement, Veolia has begun to implement a full flow proportional chemical feed system at each of the active wells. In order to achieve this, upgrades have to be made to each wells SCADA system. Below is a table summarizing the current status of each wells flow pacing and SCADA system

Veolia has partnered with Tri Star Inc. to complete this upgrade. Tri Star is actively working on this project and will be completed by June 2025. Once complete, the regulatory requirement will have been met.

Capital Improvement Plan

The following DRAFT Capital Improvement Plan was submitted on March 1, 2025. The plan was conditionally approved by the Borough by letter on March 18, 2025.

BOROUGH OF MIDDLETOWN
SEWER COLLECTION, CONVEYANCE, & TREATMENT FACILITIES
DRAFT - 5 Year Capital Improvements Plan (2025-2029)
March 25th, 2025

	5 YEAR CAPITAL IMPROVEMENT PLAN				
BASE CAPITAL IMPROVEMENTS	**2025 ***	**2026 ***	**2027 ***	**2028 ***	**2029 ***
Water and WWTP System Evaluations	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000
Ventilation of ATAD Building Project	$ 35,000	$ -	$ -	$ -	$ -
WWTP SCADA Upgrade Project	$ 68,000	$ -	$ -	$ -	$ -
Fire Alarm System Design Project	$ -	$ -	$ 20,000	$ -	$ -
Biofilter Instrumentation Replacement Project	$ -	$ 50,000	$ -	$ -	$ -
ATAD & SNDR Reactors Instrumentation Replacement Project	$ -	$ -	$ -	$ 15,000	$ 25,000
Biosolids Processing Instrumentation Replacement Project	$ -	$ 30,000	$ -	$ -	$ -
Scum Pump Station Instrumentation Replacement Project	$ -	$ -	$ 50,000	$ 60,000	$ 40,000
WWTP Facilities Security Upgrades Project	$ 15,000	$ 20,000	$ 20,000	$ 10,000	$ 15,000
Well Facilities Security Upgrades Project	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
Trench Opening Restoration Project	$ 47,000	$ 47,000	$ 47,000	$ 47,000	$ 50,000
WWTP Electrical Upgrades	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 20,000
Water and Wastewater Systems Miscellanous Upgrades	$ 160,000	$ 180,000	$ 195,000	$ 205,000	$ 215,000
Safety Upgrades	$ 25,000	$ 25,000	$ 35,000	$ 40,000	$ 40,000
TOTAL BASE CAPITAL IMPROVEMENTS *	**$ 425,000**	**$ 427,000**	**$ 442,000**	**$ 452,000**	**$ 465,000**
PROPOSED YEARLY BUDGET FOR BASE CAPITAL PROJECTS **	**$ 426,150**	**$ 437,230**	**$ 448,598**	**$ 460,262**	**$ 472,228**

MAJOR CAPITAL IMPROVEMENTS	**2025 ***	**2026 ***	**2027 ***	**2028 ***	**2029 ***
Underground Infrastructure Replacements (2027 - 2029)			$ 2,659,820	$ 2,710,356	$ 2,761,853
Underground Infrastructure Replacements (2022) ***	$ 2,287,000	$ -	$ -	$ -	$ -
Underground Infrastructure Replacements (2023) ***	$ 2,296,202	$ -	$ -	$ -	$ -
Underground Infrastructure Replacements (2024)	$ 50,000	$ 2,808,794	$ -	$ -	$ -
Underground Infrastructure Replacements (2025)	$ 50,000	$ 2,911,556	$ -	$ -	$ -
Underground Infrastructure Replacements (2026)	$ -	$ -	$ 2,610,226	$ -	$ -
Water Storage Tank Rehabilitation - Union Street	$ 924,275	$ -	$ -	$ -	$ -
Wastewater Plant Upgrades	$ 1,042,558	$ -	$ -	$ -	$ -
Water System Upgrades	$ -	$ 920,000	$ -	$ -	$ -
Headworks Upgrade (bar screen, pump, wiring, etc.)	$ 617,088	$ -	$ -	$ -	$ -
Contingency (5%)	$ 363,356	$ 332,018	$ 263,502	$ 135,518	$ 138,093
TOTAL MAJOR PROJECTS	**$ 7,630,479**	**$ 6,972,368**	**$ 5,533,548**	**$ 2,845,874**	**$ 2,899,946**

REGULATORY COMPLIANCE					
Well Upgrades (Pumps, controls, automation)	$ 90,000	$ 30,000	$ -	$ -	$ -
WWTP Effluent Outfall Rehabilitation ****	$ -	$ 620,000	$ -	$ -	$ -
Lead Service Line Inventory******	$ 218,820	$ 218,820	$ 218,820	$ -	$ -
PFAS******	$ 100,000	$ 500,000	$ 500,000	$ -	$ -
TOTAL CAPEX	**$ 8,464,299**	**$ 8,768,188**	**$ 6,694,368**	**$ 3,297,874**	**$ 3,364,946**

NOTES:

* All costs are in 2025

** Consumer Price Index rate of 2.6% (as of December 2025) is applied to the "Proposed Yearly Budget for Base Capital Projects" based on the Concessionaire Agreement

*** Paving to be completed in 2025

**** Subject to PADEP direction and regulations (Cost estimate in 2025 dollars)

***** Based on new regulatory requirement. Placeholder in the event lead is located in the system and PA DEP requires replacement.

****** Treatment will be based on regulatory testing that is taking place in 2025 due to EPA/PA DEP regualtions.

4. Environment, Health & Safety

A summary of the key EHS activities and events tracked by Veolia are summarized below:

Regulatory & Incident Reporting Summary: February 2025							
Month	**Regulatory (PADEP/USEPA) Notifications**	**Concessionaire Notifications**	**Incident Email Notifications**	**Hotline notifications**	**Hotline Notifications/ Chemical Spills**	**Non-Compliance Violations**	**Reporting Non-Compliance**
January	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							
Year-to-Date	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Health & Safety Reporting Summary: February 2025					
Month	**OSHA Lost Time**	**Total Days Lost**	**Preventable Injuries**	**Near Miss**	**Employee Lost Time (Not Job Related) - Total as Sick Hours**
January	0	0	0	0	36.5
February	0	0	0	0	1
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Year-to-Date	**0**	**0**	**0**	**0**	**37.5**

Middletown February 2026 Completed Work Orders

ID	Asset Description	Task Performed	Completed	Wo Type Description	Performed By
588830	MECHANICAL BAR SCREEN	Bar Screen - Monthly	02/06/2025 03:12 PM	Preventive Maintenance	Chuck Krupilis
588831	RAPTOR FINE SCREEN UNIT	Fine Screen - Monthly	02/06/2025 03:12 PM	Preventive Maintenance	Chuck Krupilis
588838	RAPTOR FINE SCREEN AUGER GEAR BOX	Grit Classifier - Monthly	02/06/2025 03:13 PM	Preventive Maintenance	Chuck Krupilis
588839	RAPTOR FINE SCREEN UNIT	Grit Classifier - Monthly	02/06/2025 03:13 PM	Preventive Maintenance	Chuck Krupilis
588871	RAW SEWAGE PUMP 1	RAW Pump - Monthly (ALSO COMPLETE ADDITIONAL ASSESMENT DATA PAGE)	02/06/2025 03:11 PM	Preventive Maintenance	Chuck Krupilis
588873	RAW SEWAGE PUMP 3	RAW Pump - Monthly (ALSO COMPLETE ADDITIONAL ASSESMENT DATA PAGE)	02/06/2025 03:12 PM	Preventive Maintenance	Chuck Krupilis
588883	SAFETY SHOWER IN WW LAB	Eyewash Station - Monthly (WWTP)	02/27/2025 06:40 PM	Preventive Maintenance	Chuck Krupilis
590232	2 foot step ladder	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:39 PM	Inspection/Investigation	Chuck Krupilis
590233	3.5 STEP LADDER ON WHEELS	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:39 PM	Inspection/Investigation	Chuck Krupilis
590234	4 FOOT STEP LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:38 PM	Inspection/Investigation	Chuck Krupilis
590235	6 STEP LADDER ON WHEELS	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:37 PM	Inspection/Investigation	Chuck Krupilis
590236	6 FOOT STEP LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:37 PM	Inspection/Investigation	Chuck Krupilis
590237	6 FOOT STEP LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:36 PM	Inspection/Investigation	Chuck Krupilis
590238	8 FOOT STEP LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:35 PM	Inspection/Investigation	Chuck Krupilis
590239	8 FOOT STEP LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:35 PM	Inspection/Investigation	Chuck Krupilis
590240	12 FOOT STEP LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:34 PM	Inspection/Investigation	Chuck Krupilis
590241	12 FOOT STRAIGHT LADDER - W46	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:33 PM	Inspection/Investigation	Chuck Krupilis
590242	16 FOOT EXTENSION LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:32 PM	Inspection/Investigation	Chuck Krupilis
590243	16 FOOT EXTENSION LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:32 PM	Inspection/Investigation	Chuck Krupilis
590244	16 FOOT STEP LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:31 PM	Inspection/Investigation	Chuck Krupilis
590245	32 FOOT EXTENSION LADDER	Ladder Inspection - Monthly (WWTP)	02/27/2025 06:30 PM	Inspection/Investigation	Chuck Krupilis
590268	WELL 6 FINISHED WATER PUMP		02/04/2025 06:57 PM	Corrective Maintenance Non Emergency	James Hannan
590392	14 Assets	Fire Extinguisher - Monthly (WWTP)	02/24/2025 05:50 PM	Preventive Maintenance	Chuck Krupilis

590395	PRESSURE REDUCING VALVE (Booster Station-Sidewalk)	Pump Rainwater out of Vault	02/17/2025 01:38 PM	Preventive Maintenance	Ron Rhodes
590867	OXIDATION DITCH #1 D.O. METER	DO/PH/Level Sensor - Monthly	02/24/2025 05:49 PM	Preventive Maintenance	Chuck Krupilis
590868	OXIDATION DITCH #2 D.O. METER	DO/PH/Level Sensor - Monthly	02/24/2025 05:50 PM	Preventive Maintenance	Chuck Krupilis
590869	OXIDATION DITCH #1 LEVEL SENSOR	DO/PH/Level Sensor - Monthly	02/24/2025 05:49 PM	Preventive Maintenance	Chuck Krupilis
590870	OXIDATION DITCH #2 LEVEL SENSOR	DO/PH/Level Sensor - Monthly	02/24/2025 05:49 PM	Preventive Maintenance	Chuck Krupilis
590884	EMERGENCY GENERATOR	Generator - Monthly	02/24/2025 03:37 PM	Preventive Maintenance	James Hannan
590892	RAW SEWAGE PUMP 1	RAW Pump - Monthly (ALSO COMPLETE ADDITIONAL ASSESMENT DATA PAGE)	02/19/2025 06:13 PM	Preventive Maintenance	Chuck Krupilis
590893	RAW SEWAGE PUMP 2	RAW Pump - Monthly (ALSO COMPLETE ADDITIONAL ASSESMENT DATA PAGE)	02/27/2025 06:41 PM	Preventive Maintenance	Chuck Krupilis
590894	RAW SEWAGE PUMP 3	RAW Pump - Monthly (ALSO COMPLETE ADDITIONAL ASSESMENT DATA PAGE)	02/27/2025 06:41 PM	Preventive Maintenance	Chuck Krupilis
590895	WELL #3 SUBMERSIBLE PUMP	Submersible Well Pump - Monthly - off until August	02/13/2025 06:22 PM	Preventive Maintenance	James Hannan
590896	WELL #5 PUMP (SUBMERSIBLE)	Submersible Well Pump - Monthly - off until August	02/12/2025 05:10 PM	Preventive Maintenance	James Hannan
590897	WELL #6 SUBMERSIBLE WELL PUMP	Submersible Well Pump - Monthly - off until August	02/24/2025 04:51 PM	Preventive Maintenance	James Hannan
590898	WELL #4 PUMP	Submersible Well Pump - Monthly - off until August	02/24/2025 05:46 PM	Preventive Maintenance	James Hannan
590899	WELL #1 PUMP	Vertical Turbine Well Pumps - Monthly	02/24/2025 03:41 PM	Preventive Maintenance	James Hannan
590900	WELL #2 PUMP	Vertical Turbine Well Pumps - Monthly	02/24/2025 04:35 PM	Preventive Maintenance	James Hannan
590918	ELECTRIC HOIST (York Hoist ID# 211223)	Hoist Inspection - Monthly	02/19/2025 06:11 PM	Preventive Maintenance	Chuck Krupilis
590919	PORTABLE HOIST (2 TON) (York Hoist ID# 211213)	Hoist Inspection - Monthly	02/19/2025 06:10 PM	Preventive Maintenance	Chuck Krupilis
590920	OVERHEAD HOIST 2 TON (York Hoist # 211214)	Hoist Inspection - Monthly	02/19/2025 06:10 PM	Preventive Maintenance	Chuck Krupilis
590921	OVERHEAD HOIST (York Hoist ID # 211218)	Hoist Inspection - Monthly	02/19/2025 06:09 PM	Preventive Maintenance	Chuck Krupilis

590922	1 TON HOIST (York Hoist # 211216)	Hoist Inspection - Monthly	02/19/2025 06:08 PM	Preventive Maintenance	Chuck Krupilis
590923	ANAEROBIC SELECTOR MIXER HOIST	Hoist Inspection - Monthly	02/19/2025 06:07 PM	Preventive Maintenance	Chuck Krupilis
590924	OXIDATION DITCH MIXER HOIST	Hoist Inspection - Monthly	02/19/2025 06:06 PM	Preventive Maintenance	Chuck Krupilis
590925	CHAIN FALL HOIST TROLLEY	Hoist Inspection - Monthly	02/19/2025 06:05 PM	Preventive Maintenance	Chuck Krupilis
590926	PORTABLE 1 TON GANTRY (BIO GARAGE) (York Hoist ID# 214306)	Hoist Inspection - Monthly	02/19/2025 06:04 PM	Preventive Maintenance	Chuck Krupilis
590927	OVERHEAD HOIST TROLLEY	Hoist Inspection - Monthly	02/19/2025 06:05 PM	Preventive Maintenance	Chuck Krupilis
590928	PORTABLE HOIST - CHAIN FALL (York Hoist ID# 211210)	Hoist Inspection - Monthly	02/19/2025 06:03 PM	Preventive Maintenance	Chuck Krupilis
590929	WELL #5 FLUORIDE PUMP	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/18/2025 04:58 PM	Preventive Maintenance	James Hannan
590930	WELL #5 HYPOCHLORITE PUMP # 1	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/18/2025 04:57 PM	Preventive Maintenance	James Hannan
590931	FLUORIDE PUMP 1	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/13/2025 03:00 PM	Preventive Maintenance	James Hannan
590932	FLUORIDE PUMP 2	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/13/2025 02:58 PM	Preventive Maintenance	James Hannan
590933	HYPOCHLORITE PUMP 1	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/18/2025 05:15 PM	Preventive Maintenance	James Hannan
590934	HYPOCHLORITE PUMP 2	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/13/2025 02:58 PM	Preventive Maintenance	James Hannan
590935	FLUORIDE FEED PUMP	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/27/2025 01:01 PM	Preventive Maintenance	James Hannan
590936	HYPO FEED PUMP W0087-02	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/27/2025 01:07 PM	Preventive Maintenance	James Hannan
590937	CHEMICAL FILL STATION	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/13/2025 06:20 PM	Preventive Maintenance	James Hannan

590938	CHEMICAL FILL STATION	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/24/2025 05:44 PM	Preventive Maintenance	James Hannan
590939	CHEMICAL FILL STATION	Chemical Feed - Monthly (Water Wells) - removed 3 and 4	02/12/2025 05:08 PM	Preventive Maintenance	James Hannan
590940	EXHAUST FAN	Exhaust Fans - Monthly (Water Wells)	02/25/2025 06:19 PM	Preventive Maintenance	James Hannan
590941	EXHAUST FAN	Exhaust Fans - Monthly (Water Wells)	02/24/2025 03:40 PM	Preventive Maintenance	James Hannan
590942	EXHAUST FAN	Exhaust Fans - Monthly (Water Wells)	02/13/2025 06:43 PM	Preventive Maintenance	James Hannan
590943	EXHAUST FAN CHEMICAL ROOM	Exhaust Fans - Monthly (Water Wells)	02/13/2025 06:21 PM	Preventive Maintenance	James Hannan
590944	EXHAUST FAN #1	Exhaust Fans - Monthly (Water Wells)	02/24/2025 05:47 PM	Preventive Maintenance	James Hannan
590945	EXHAUST FAN #2	Exhaust Fans - Monthly (Water Wells)	02/24/2025 05:47 PM	Preventive Maintenance	James Hannan
590946	EXHAUST VENTILATOR #1	Exhaust Fans - Monthly (Water Wells)	02/12/2025 05:03 PM	Preventive Maintenance	James Hannan
590947	EXHAUST VENTILATOR #2	Exhaust Fans - Monthly (Water Wells)	02/12/2025 05:01 PM	Preventive Maintenance	James Hannan
590948	EXHAUST FAN	Exhaust Fans - Monthly (Water Wells)	02/24/2025 04:50 PM	Preventive Maintenance	James Hannan
590949	EXHAUST FAN	Exhaust Fans - Monthly (Water Wells)	02/13/2025 02:57 PM	Preventive Maintenance	James Hannan
590950	EXHAUST FAN PUMP ROOM W0090-001	Exhaust Fans - Monthly (Water Wells)	02/27/2025 12:59 PM	Preventive Maintenance	James Hannan
590951	EXHAUST FAN HYPO ROOM W0087-001	Exhaust Fans - Monthly (Water Wells)	02/27/2025 12:57 PM	Preventive Maintenance	James Hannan
590952	EXHAUST FANS CONTROL ROOM W0089-001	Exhaust Fans - Monthly (Water Wells)	02/27/2025 12:55 PM	Preventive Maintenance	James Hannan
590953	8 Assets	Emergency Lights - Monthly (Water Wells)	02/03/2025 02:34 PM	Preventive Maintenance	James Hannan
590954	EMERGENCY EYEWASH & SHOWER	Eyewash Station - Monthly (Water Wells) - removed 504-04-ew-01	02/03/2025 02:35 PM	Preventive Maintenance	James Hannan

590955	EMERGENCY EYEWASH & SHOWER	Eyewash Station - Monthly (Water Wells) - removed 504-04-ew-01	02/03/2025 02:36 PM	Preventive Maintenance	James Hannan
590956	7 Assets	Fire Extinguisher - Monthly (Water Wells)	02/03/2025 02:33 PM	Preventive Maintenance	James Hannan
590957	UNIT HEATER 445	Unit Heaters - Monthly (Water Wells)	02/25/2025 06:17 PM	Preventive Maintenance	James Hannan
590958	UNIT HEATER 446	Unit Heaters - Monthly (Water Wells)	02/25/2025 06:15 PM	Preventive Maintenance	James Hannan
590959	UNIT HEATER	Unit Heaters - Monthly (Water Wells)	02/13/2025 02:51 PM	Preventive Maintenance	James Hannan
590960	UNIT HEATER CONTROL ROOM	Unit Heaters - Monthly (Water Wells)	02/27/2025 12:53 PM	Preventive Maintenance	James Hannan
590961	UNIT HEATER PUMP ROOM	Unit Heaters - Monthly (Water Wells)	02/27/2025 12:51 PM	Preventive Maintenance	James Hannan
590962	UNIT HEATER HYPO ROOM	Unit Heaters - Monthly (Water Wells)	02/27/2025 12:49 PM	Preventive Maintenance	James Hannan
590963	UNIT HEATER FLUORIDE ROOM	Unit Heaters - Monthly (Water Wells)	02/27/2025 12:47 PM	Preventive Maintenance	James Hannan
590964	UNIT HEATER	Unit Heaters - Monthly (Water Wells)	02/24/2025 04:50 PM	Preventive Maintenance	James Hannan
590965	UNIT HEATER 502	Unit Heaters - Monthly (Water Wells)	02/12/2025 05:01 PM	Preventive Maintenance	James Hannan
590966	UNIT HEATER 503	Unit Heaters - Monthly (Water Wells)	02/12/2025 04:57 PM	Preventive Maintenance	James Hannan
590967	UNIT HEATER 435	Unit Heaters - Monthly (Water Wells)	02/24/2025 05:43 PM	Preventive Maintenance	James Hannan
590968	UNIT HEATER 436	Unit Heaters - Monthly (Water Wells)	02/24/2025 05:45 PM	Preventive Maintenance	James Hannan
590969	UNIT HEATER 438	Unit Heaters - Monthly (Water Wells)	02/24/2025 05:44 PM	Preventive Maintenance	James Hannan
590970	UNIT HEATER 44-001	Unit Heaters - Monthly (Water Wells)	02/13/2025 06:18 PM	Preventive Maintenance	James Hannan
590971	UNIT HEATER 443	Unit Heaters - Monthly (Water Wells)	02/13/2025 06:16 PM	Preventive Maintenance	James Hannan
590972	UNIT HEATER 47-001	Unit Heaters - Monthly (Water Wells)	02/13/2025 06:42 PM	Preventive Maintenance	James Hannan

590973	SPACE HEATER	Unit Heaters - Monthly (Water Wells)	02/11/2025 07:45 PM	Preventive Maintenance	James Hannan
590979	WELL #2 - STATION BUILDING	SAFETY INSPECTION - MONTHLY	02/24/2025 04:37 PM	Predictive Maintenance	James Hannan
590980	WELL #3 STRUCTURE & GROUNDS	SAFETY INSPECTION - MONTHLY	02/13/2025 06:14 PM	Predictive Maintenance	James Hannan
590981	WELL #1 - STATION STRUCTURE	SAFETY INSPECTION - MONTHLY	02/24/2025 03:40 PM	Predictive Maintenance	James Hannan
590982	STATION BUILDING	SAFETY INSPECTION - MONTHLY	02/13/2025 02:48 PM	Predictive Maintenance	James Hannan
591128	CENTRIFUGE POLYMER FEED SYSTEM 1	Chemical Feed - Monthly (WWTP)	02/14/2025 02:13 PM	Preventive Maintenance	Adam Bixler
591129	RDT POLYMER FEED SYSTEM	Chemical Feed - Monthly (WWTP)	02/14/2025 02:12 PM	Preventive Maintenance	Adam Bixler
591130	ALUM FEED PUMP #1 TO DISTRIBUTION BOX	Chemical Feed - Monthly (WWTP)	02/14/2025 02:12 PM	Preventive Maintenance	Adam Bixler
591131	ALUM FEED PUMP #2 TO DISTRIBUTION BOX	Chemical Feed - Monthly (WWTP)	02/14/2025 02:12 PM	Preventive Maintenance	Adam Bixler
591132	ALUM FEED PUMP # TO CENTRIFUGE	Chemical Feed - Monthly (WWTP)	02/14/2025 02:12 PM	Preventive Maintenance	Adam Bixler
591133	ALUM FILL STATION (SOUTH SIDE EXTERIOR - RAS BUILDING)	Chemical Feed - Monthly (WWTP)	02/14/2025 02:11 PM	Preventive Maintenance	Adam Bixler
591134	ALUM FEED SYSTEM PIPING	Chemical Feed - Monthly (WWTP)	02/14/2025 02:10 PM	Preventive Maintenance	Adam Bixler
591135	ALUM BULK STORAGE TANK 1	Chemical Feed - Monthly (WWTP)	02/14/2025 02:10 PM	Preventive Maintenance	Adam Bixler
591136	ALUM BULK STORAGE TANK 2	Chemical Feed - Monthly (WWTP)	02/14/2025 02:09 PM	Preventive Maintenance	Adam Bixler
591157	SECONDARY CLARIFIER 2 EAST	Weekly clarifier hosing.	02/07/2025 06:32 PM	Routine	James Hannan
591161	EMERGENCY EYEWASH & SHOWER		02/03/2025 02:37 PM	Corrective Maintenance Non Emergency	James Hannan
591162	EYE WASH		02/03/2025 02:38 PM	Corrective Maintenance Non Emergency	James Hannan
591260	WELL LEVEL DISPLAY		02/25/2025 04:48 PM	Corrective Maintenance Non Emergency	James Hannan
591296	WELL #4 WELL LEVEL SENSOR		02/25/2025 03:21 PM	Corrective Maintenance Non Emergency	James Hannan
591297	CHEMICAL FEED #1 TUBING & INJECTION QUILL		02/06/2025 02:33 PM	Corrective Maintenance Non Emergency	James Hannan
591298	WELL #5 MANIFOLD VALVE #1 (FLOW)		02/06/2025 02:36 PM	Corrective Maintenance Non Emergency	James Hannan
591313	UTILITY WATER PUMP #1	Utility Water Pump - Monthly	02/27/2025 04:39 PM	Preventive Maintenance	Chuck Krupilis

591314	UTILITY WATER PUMP #2	Utility Water Pump - Monthly	02/27/2025 04:39 PM	Preventive Maintenance	Chuck Krupilis
591329	SECONDARY CLARIFIER 1 WEST		02/07/2025 06:41 PM	Corrective Maintenance Non Emergency	Adam Bixler
591331	WELL #4 FLUORIDE SCALE		02/07/2025 07:27 PM	Corrective Maintenance Non Emergency	James Hannan
591351	UNIT HEATER #1	Unit Heaters - Monthly (WWTP)	02/19/2025 06:00 PM	Preventive Maintenance	Chuck Krupilis
591352	UNIT HEATER #3	Unit Heaters - Monthly (WWTP)	02/19/2025 06:00 PM	Preventive Maintenance	Chuck Krupilis
591353	WALL HEATER	Unit Heaters - Monthly (WWTP)	02/19/2025 06:00 PM	Preventive Maintenance	Chuck Krupilis
591354	UNIT HEATER 1ST LEVEL	Unit Heaters - Monthly (WWTP)	02/19/2025 06:00 PM	Preventive Maintenance	Chuck Krupilis
591355	UNIT HEATER	Unit Heaters - Monthly (WWTP)	02/19/2025 05:59 PM	Preventive Maintenance	Chuck Krupilis
591356	UNIT HEATER UH5 1ST LEVEL	Unit Heaters - Monthly (WWTP)	02/19/2025 05:59 PM	Preventive Maintenance	Chuck Krupilis
591357	UNIT HEATER UH6 1ST LEVEL	Unit Heaters - Monthly (WWTP)	02/19/2025 05:58 PM	Preventive Maintenance	Chuck Krupilis
591358	UNIT HEATER UH7 MCC ROOM	Unit Heaters - Monthly (WWTP)	02/19/2025 05:58 PM	Preventive Maintenance	Chuck Krupilis
591359	UNIT HEATER UH9 2ND LEVEL	Unit Heaters - Monthly (WWTP)	02/19/2025 05:58 PM	Preventive Maintenance	Chuck Krupilis
591360	UNIT HEATER #1	Unit Heaters - Monthly (WWTP)	02/19/2025 05:58 PM	Preventive Maintenance	Chuck Krupilis
591361	UNIT HEATER #2	Unit Heaters - Monthly (WWTP)	02/19/2025 05:58 PM	Preventive Maintenance	Chuck Krupilis
591362	UNIT HEATER #3	Unit Heaters - Monthly (WWTP)	02/19/2025 05:57 PM	Preventive Maintenance	Chuck Krupilis
591363	UNIT HEATER #4	Unit Heaters - Monthly (WWTP)	02/19/2025 05:57 PM	Preventive Maintenance	Chuck Krupilis
591364	UNIT HEATER	Unit Heaters - Monthly (WWTP)	02/19/2025 05:57 PM	Preventive Maintenance	Chuck Krupilis
591365	UNIT HEATER	Unit Heaters - Monthly (WWTP)	02/19/2025 05:56 PM	Preventive Maintenance	Chuck Krupilis
591366	UNIT HEATER	Unit Heaters - Monthly (WWTP)	02/19/2025 05:56 PM	Preventive Maintenance	Chuck Krupilis
591367	WALL HEATER IN WATER LAB	Unit Heaters - Monthly (WWTP)	02/19/2025 05:55 PM	Preventive Maintenance	Chuck Krupilis
591368	HANGING UNIT HEATER IN HALLWAY	Unit Heaters - Monthly (WWTP)	02/19/2025 05:55 PM	Preventive Maintenance	Chuck Krupilis
591369	HOT WATER BASEBOARD/WALL HEATERS	Unit Heaters - Monthly (WWTP)	02/19/2025 05:54 PM	Preventive Maintenance	Chuck Krupilis
591370	UNIT HEATER UH-04	Unit Heaters - Monthly (WWTP)	02/19/2025 05:54 PM	Preventive Maintenance	Chuck Krupilis
591371	UNIT HEATER SCREENING BLDG.	Unit Heaters - Monthly (WWTP)	02/19/2025 05:54 PM	Preventive Maintenance	Chuck Krupilis
591429	5 Assets	WEEKLY JANITORIAL	02/19/2025 06:01 PM	Routine	Chuck Krupilis
591509	Multiple service addresses for re-reads, etc.		02/10/2025 07:26 PM	Corrective Maintenance Non Emergency	James Hannan
591531	SECONDARY CLARIFIER 2 EAST	Weekly clarifier hosing.	02/27/2025 04:38 PM	Routine	Chuck Krupilis

591533	SCUM PUMP STATION		02/11/2025 04:19 PM	Corrective Maintenance Non Emergency	Chuck Krupilis
591538	Multiple service addresses for re-reads, etc.		02/11/2025 07:14 PM	Corrective Maintenance Non Emergency	Ron Rhodes
591588	LIGHTING		02/12/2025 06:20 PM	Corrective Maintenance Non Emergency	James Hannan
591589	EXHAUST VENTILATOR MOTOR FLUORIDE ROOM		02/12/2025 05:06 PM	Corrective Maintenance Non Emergency	James Hannan
591590	UNIT HEATER FLUORIDE ROOM		02/12/2025 05:13 PM	Corrective Maintenance Non Emergency	James Hannan
591654	WELL #2 MOTOR		02/13/2025 06:45 PM	Corrective Maintenance Non Emergency	James Hannan
591702	SCUM PUMP STATION		02/14/2025 02:22 PM	Corrective Maintenance Non Emergency	Adam Bixler
591782	5 Assets	WEEKLY JANITORIAL	02/21/2025 06:46 PM	Routine	James Hannan
591822	SECONDARY CLARIFIER 1 WEST	Weekly clarifier hosing.	02/27/2025 04:38 PM	Routine	Chuck Krupilis
591876	WELL #5 PIPING		02/18/2025 04:56 PM	Corrective Maintenance Non Emergency	James Hannan
591877	MANIFOLD ISOLATION VALVE 2		02/18/2025 05:41 PM	Corrective Maintenance Non Emergency	James Hannan
592214	WELL #1 PIPING		02/24/2025 04:29 PM	Corrective Maintenance Non Emergency	James Hannan
592218	WELL #4- RESIDUAL ANALYZER		02/24/2025 05:59 PM	Corrective Maintenance Non Emergency	James Hannan
592256	WELL #4 DISCHARGE VALVE		02/25/2025 03:12 PM	Corrective Maintenance Non Emergency	James Hannan
592331	RESIDUAL ANALYZER		02/27/2025 01:21 PM	Corrective Maintenance Non Emergency	James Hannan
592332	HYPO FEED PUMP #1 TUBING & INJECTION QUILL		02/27/2025 01:40 PM	Corrective Maintenance Non Emergency	James Hannan
592334	CHEMICAL FEED PUMP #1 TUBING & INJECTION QUILL		02/27/2025 02:46 PM	Corrective Maintenance Non Emergency	James Hannan
594293	ROTARY DRUM THICKENER		02/05/2025 06:00 PM	Action Item	Micah Ammerman

Veolia MIDDLETOWN
453 South Lawrence Street
Middletown, PA 17057
717-948-3055

March 31, 2025

Mr. Kenneth Klinepeter
Borough of Middletown
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Mr. Dan Sugarman
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Mr. John Joyner
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Mr. Don Correll
Water Capital Partners LLC
don.correll@wcpartnersllc.com

RE: Laboratory Supervisor Certification – February 2025

Pursuant to Section 6.3 - Quality Control Reporting of the Operating Standards:

"I hereby certify that the analytical results reported in this NPDES Discharge Monitoring Report were obtained from analyses performed in accordance with the methods approved under 40 CFR 136, and that the appropriate quality control measures contained in the approved Quality Manual were strictly followed."

Jason Kiernan

Jason Kiernan
Vice President
Veolia Middletown

Middletown, PA 17057
717-948-3055

March 31, 2025

Mr. Kenneth Klinepeter
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Mr. Dan Sugarman
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Mr. John Joyner
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Mr. Don Correll
Water Capital Partners LLC
don.correll@wcpartnersllc.com

RE: Environmental Laws Certification – February 2025

Pursuant to Section 7.1(c (iii - Violations and Reports of the Operating and Maintenance Agreement:

"I hereby certify that, to the best of my knowledge, the Water and Wastewater systems were operated in accordance with existing permits and Local, State and Federal environmental laws."

Jason Kiernan

Jason Kiernan
Vice President
Veolia Middletown

APPENDIX 1

WASTEWATER

MIDDLETOWN WWTP

MONTHLY DISCHARGE MONITORING REPORT (eDMR) SUBMISSION

SUPPLEMENTAL WWTP PROCESS CONTROL & OPERATIONAL DATA

&

SMARTCOVER® MONITORING SYSTEM REPORT

Ammerman, Micah <micah.ammerman@veolia.com>

Your eDMR Report Has Been Received For Permit No. PA0020664

1 message

depgreenporthelpdesk@pa.gov <depgreenporthelpdesk@pa.gov> 21 March 2025 at 16:04
To: micah.ammerman@veolia.com, kodi.webb@veolia.com, Micah.Ammerman@veolia.com

This email is to confirm that the following report was received by DEP through the eDMR system:

Facility Name: MIDDLETOWN STP
Permit Number: PA0020664
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 02/01/2025-02/28/2025
Report Due Date: 03/28/2025

Submitted By: Micah Ammerman
Submission Id: 512905
Submission Status: Received
Submission Type: Original
To view the details of this report, access the eDMR system through DEP's GreenPort and select the link for View/Revise Submitted.

3800-FM-BCW0462 12/2016

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

NAME: **MIDDLETOWN WATER JT VENTURE LLC**
ADDRESS: **9W 57TH ST STE 4200, NEW YORK NY, 10019**
FACILITY: **MIDDLETOWN STP**
LOCATION: **453 S LAWRENCE ST, MIDDLETOWN PA, 17057-1132**
STAGE: **Final Effluent**

PA0020664	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD							
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	**2025**	**02**	**01**	TO	**2025**	**02**	**28**

Reporting Frequency: **Monthly**
DMR Effective From: **02/01/2025**
DMR Effective To: **02/28/2025**
Permit Expires: **02/28/2026**
Permit Application Due: **09/01/2025**
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	***	***	***	8.03	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***		5.0 Daily Min	***	***		1/day	Grab
pH (00400)	Sample Measurement	***	***	***	7.4	***	8.2	S.U.	1/day	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	< 22	44	lbs/day	***	< 2.0	4.0	mg/L	2/week	24-Hr Composite
	Permit Requirement	550 Avg Mo	826 Wkly Avg		***	30.0 Avg Mo	45.0 Wkly Avg		2/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	***	***	***	***	< 2.23	***	mg/L	1/month	Calculation
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		1/month	Calculation
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	< .05	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Total Kjeldahl Nitrogen (00625)	Sample Measurement	***	***	***	***	< .61	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Nitrate-Nitrite as N (00630)	Sample Measurement	***	***	***	***	< 1.62	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	2	***	lbs/day	***	.16	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	37 Avg Mo	***		***	2.0 Avg Mo	***		2/week	24-Hr Composite
Flow (50050)	Sample Measurement	1.395	2.183	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	.4	.68	mg/L	1/day	Grab
	Permit Requirement	***	***		***	.5 Avg Mo	1.6 IMAX		1/day	Grab
Total Nitrogen (Total Load, lbs) (51445)	Sample Measurement	< 611.9	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Ammonia-Nitrogen (Total Load, lbs) (51446)	Sample Measurement	< 13	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Kjeldahl Nitrogen (Total Load, lbs) (51449)	Sample Measurement	< 171.7	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Nitrate-Nitrite as N (Total Load, lbs) (51450)	Sample Measurement	< 440.1	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Phosphorus (Total Load, lbs) (51451)	Sample Measurement	42.6	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Fecal Coliform (74055) (Oct-Apr)	Sample Measurement	***	***	***	***	< 15	76	No./100 ml	2/week	Grab
	Permit Requirement	***	***		***	2000 Geo Mean	10000 IMAX		2/week	Grab

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	< 20	< 24	lbs/day	***	< 2.0	< 2.0	mg/L	2/week	24-Hr Composite
	Permit Requirement	459 Avg Mo	734 Wkly Avg		***	25.0 Avg Mo	40.0 Wkly Avg		2/week	24-Hr Composite
Facility Sampling Point Comments										

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

NAME: **MIDDLETOWN WATER JT VENTURE LLC**
ADDRESS: **9W 57TH ST STE 4200, NEW YORK NY, 10019**
FACILITY: **MIDDLETOWN STP**
LOCATION: **453 S LAWRENCE ST, MIDDLETOWN PA, 17057-1132**
STAGE: **Effluent Net**

PA0020664	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	**2025**	**02**	**01**	TO	**2025**	**02**	**28**

Reporting Frequency: **Monthly**
DMR Effective From: **02/01/2025**
DMR Effective To: **02/28/2025**
Permit Expires: **02/28/2026**
Permit Application Due: **09/01/2025**
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Total Nitrogen (Total Load, lbs) (51445)	Sample Measurement	< 611.9	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Phosphorus (Total Load, lbs) (51451)	Sample Measurement	< 42.6	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Facility Sampling Point Comments										

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

NAME: **MIDDLETOWN WATER JT VENTURE LLC**
ADDRESS: **9W 57TH ST STE 4200, NEW YORK NY, 10019**
FACILITY: **MIDDLETOWN STP**
LOCATION: **453 S LAWRENCE ST, MIDDLETOWN PA, 17057-1132**
STAGE: **Raw Sewage Influent**

PA0020664	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD							
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	**2025**	**02**	**01**	TO	**2025**	**02**	**28**

Reporting Frequency: **Monthly**
DMR Effective From: **02/01/2025**
DMR Effective To: **02/28/2025**
Permit Expires: **02/28/2026**
Permit Application Due: **09/01/2025**
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	1322	1978	lbs/day	***	138	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Total Suspended Solids (00530)	Sample Measurement	861	1662	lbs/day	***	86	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Facility Sampling Point Comments										

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
2-25 Influent.xls	Influent and Process Control Form	2025-03-21T15:47:00-04:00	
2-25 Biosolids.xls	Sewage Sludge / Biosolids Production and Disposal Form	2025-03-21T15:53:21-04:00	
2-25 Effluent Supplemental.xlsx	Daily Effluent Monitoring Form	2025-03-21T15:47:50-04:00	
Annual_Chesapeake_Bay_Spreadsheet_v2.2.xlsm	Annual Chesapeake Bay Spreadsheet	2025-03-21T15:48:34-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Micah Ammerman	S21860	(717)-216-3213

SUBMISSION INFORMATION

*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	**Micah Ammerman**	TELEPHONE		DATE		
		(717)	**696-8121**	**2025**	**03**	**21**
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

3800-FM-BCW0436 3/2012

SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**

Month: **February** Year: **2025**
NPDES Permit No.: **PA0020664**
Renewal application due **180 days** prior to expiration.
This permit will expire on: **February 28, 2026**

	Influent					Process Control				
Day	Flow (MGD)	BOD5 (mg/l)	BOD5 (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	1.068							20,000.0		
2	1.056							20,000.0		
3	1.077	146.0	1,311	66.0	593	4,767.0		25,000.0		
4	1.045	227.0	1,978	96.0	837	4,894.0		25,000.0		
5	1.000					4,586.0		20,000.0		
6	1.446					4,934.0		20,000.0		
7	1.041					5,044.0		25,000.0		
8	1.122							20,000.0		
9	1.340							20,000.0		
10	1.097	154.0	1,409	78.0	714	5,157.0		25,000.0		
11	1.116	81.3	757	60.0	558	5,162.0		20,000.0		
12	1.228					4,863.0		20,000.0		
13	1.385					5,402.0		20,000.0		
14	1.133					5,034.0		20,000.0		
15	1.508							20,000.0		
16	2.183							48,500.0		
17	1.557	96.2	1,249	128.0	1,662	4,489.0		0.0		
18	1.331	138.0	1,532	90.0	999	4,830.0		20,000.0		
19	1.233					4,663.0		20,000.0		
20	1.235					4,686.0		25,000.0		
21	1.147					4,603.0		20,000.0		
22	1.080							20,000.0		
23	1.107							20,000.0		
24	1.068	134.0	1,194	66.0	588	4,593.0		20,000.0		
25	1.080	127.0	1,144	104.0	937	4,519.0		20,000.0		
26	0.971					4,569.0		20,000.0		
27	0.934					4,636.0		22,000.0		
28	0.925					4,300.0		22,000.0		
29										
30										
31										
Avg	**1.197**	**138**	**1,322**	**86**	**861**	**4,787**		**21,339**		
Max	**2.183**	**227**	**1,978**	**128**	**1,662**	**5,402**		**48,500**		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Micah Ammerman** License No.: **23501**
Title: **Assistant Project Manager** Date: **21/3/2025**

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

3800-FM-BCW0435 3/2012

SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
Laboratories: **M. J. Reider/ Veolia Middletown**

Month: **2** (select number) Year: **2025**
Permit No.: **PA0020664** Outfall: **001**
Renewal application due **180 days** prior to expiration.
This permit will expire on: **February 28, 2026**

		Parameter	Flow		pH		Dissolved Oxygen		TRC		NH3-N		CBOD5		Total Phosphorus		TSS		Fecal Coliform	
		Stage	1		1		1		1		1		1		1		1		1	
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	
	Sat	2/1/25	1.068		7.5		9.66		0.54											
1	Sun	2/2/25	1.056		7.6		9.7		0.37											
	Mon	2/3/25	1.077		7.7		9.76		0.41	<	0.02	<	2.0		0.37		3.0			
	Tue	2/4/25	1.045		7.6		9.55		0.28		0.05	<	2.0		0.18		3.0		76.0	
	Wed	2/5/25	1.0		7.6		9.89		0.32										72.0	
	Thu	2/6/25	1.446		7.4		9.09		0.55											
	Fri	2/7/25	1.041		7.6		9.75		0.3											
	Sat	2/8/25	1.122		7.5		9.81		0.29											
2	Sun	2/9/25	1.34		7.5		9.73		0.29											
	Mon	2/10/25	1.097		7.4		10.01		0.31		0.03	<	2.0		0.15	<	1.0			
	Tue	2/11/25	1.116		7.5		10.05		0.29		0.05	<	2.0		0.09		1.0		50.0	
	Wed	2/12/25	1.228		7.5		9.87		0.33										10.0	
	Thu	2/13/25	1.385		7.6		9.32		0.4											
	Fri	2/14/25	1.133		7.4		10.08		0.33											
	Sat	2/15/25	1.508		7.4		9.5		0.68											
3	Sun	2/16/25	2.183		7.4		8.03		0.51											
	Mon	2/17/25	1.557		7.4		10.21		0.57		0.06	<	2.0		0.21		5.0			
	Tue	2/18/25	1.331		7.6		10.15		0.47		0.11	<	2.0		0.09		2.0	<	2.0	
	Wed	2/19/25	1.233		7.4		10.43		0.34										15.0	
	Thu	2/20/25	1.235		7.5		10.03		0.32											
	Fri	2/21/25	1.147		7.6		10.28		0.37											
	Sat	2/22/25	1.08		8.2		10.43		0.39											
4	Sun	2/23/25	1.107		7.5		10.23		0.38											
	Mon	2/24/25	1.068		7.4		9.76		0.4	<	0.02	<	2.0		0.08	<	1.0			
	Tue	2/25/25	1.08		7.4		9.5		0.42	<	0.02	<	2.0		0.07	<	1.0	<	2.0	
	Wed	2/26/25	0.971		7.5		9.35		0.35										18.0	
	Thu	2/27/25	0.934		7.4		9.3		0.35											
	Fri	2/28/25	0.925		7.4		9.4		0.33											
	Sat	3/1/25																		
5																				
Statistics for DMR																				
Daily Minimum (Conc.):					**7.4**		**8.03**		**0.28**	<	**0.02**	<	**2.0**		**0.07**	<	**1.0**	<	**2.0**	
Daily Maximum (Conc):					**8.2**		**10.43**		**0.68**		**0.11**	<	**2.0**		**0.37**		**5.0**		**76.0**	
Max Avg Weekly (Conc.):							**9.94**		**0.4**		**0.09**	<	**2.0**		**0**		**4**			
Avg Monthly (Conc.):							**9.75**		**0.4**	<	**0.05**	<	**2**		**0.16**	<	**2**			
Geometric Mean (Conc.):																		<	**15.0**	
Max Avg Weekly (Load):			**1.395**				**113**		**5**		**1**	<	**24**		**2**		**44**			
Avg Monthly (Load):			**1.197**				**97**		**4**	<	**0.5**	<	**20**		**2**	<	**22**			
Total Monthly (Load):			**33.513**				**2710**		**112**	<	**13**	<	**547**		**43**	<	**618**			
Daily Minimum (Load):			**0.925**				**72**		**2**	<	**0.2**	<	**17**		**0.6**	<	**9**			
Daily Maximum (Load):			**2.183**				**146**		**9**		**1**	<	**26**		**3**		**65**			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Micah Ammerman License No.: **23501**
Title: Assistant Project Manager Date:

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

3800-FM-BCW0435 3/2012

SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
Laboratories: **M. J. Reider/ Veolia Middletown**

Month: **2** (select number) Year: **2025**
Permit No.: **PA0020664** Outfall: **001**
Renewal application due **180 days** prior to expiration.
This permit will expire on: **February 28, 2026**

		Parameter	Flow		pH		Dissolved Oxygen		TRC		NH3-N		CBOD5		Total Phosphorus		TSS		Fecal Coliform	
		Stage	1		1		1		1		1		1		1		1		1	
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	
	Sat	2/1/25	1.068		7.5		9.66		0.54											
1	Sun	2/2/25	1.056		7.6		9.7		0.37											
	Mon	2/3/25	1.077		7.7		9.76		0.41	<	0.02	<	2.0		0.37		3.0			
	Tue	2/4/25	1.045		7.6		9.55		0.28		0.05	<	2.0		0.18		3.0		76.0	
	Wed	2/5/25	1.0		7.6		9.89		0.32										72.0	
	Thu	2/6/25	1.446		7.4		9.09		0.55											
	Fri	2/7/25	1.041		7.6		9.75		0.3											
	Sat	2/8/25	1.122		7.5		9.81		0.29											

Average Weekly Statistics																	
Week 1 (Conc):					9.65		0.4	<	0.04	<	2.0		0.28		3		
Week 2 (Conc):					9.79		0.4		0.04	<	2.0		0.12	<	1		
Week 3 (Conc):					9.94		0.4		0.09	<	2.0		0.15		3.5	<	
Week 4 (Conc):					9.59		0.4	<	0.02	<	2.0		0.08	<	1.0	<	
Week 5 (Conc):																	
Week 1 (Load):	1.112				89		3	<	0.3	<	18		2		27		
Week 2 (Load):	1.258				102		4		0.4	<	18		1	<	9		
Week 3 (Load):	1.395				113		5		1	<	24		2		44	<	
Week 4 (Load):	1.014				81		3	<	0.2	<	18		0.7	<	9	<	
Week 5 (Load):																	

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CHESAPEAKE BAY SUPPLEMENTAL REPORT
ANNUAL NUTRIENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
TN Cap Load (lbs): **40,182** Sewage Industrial Waste
TN Delivery Ratio: **0.837**

Compliance Year: **2025** Outfall: **001**
NPDES Permit No.: **PA0020664**
This permit will expire on: **February 28, 2026**
TP Cap Load (lbs): **5,358**
TP Delivery Ratio: **0.503**

Sample Date	FLOW	Total Phosporus (TP)				NH3-N				TKN				NO2+NO3 as N				Total Nitrogen (TN)			
	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
10/1/24	1.496		0.09		1.1	<	0.02	<	0.2		1.51		18.8	<	2.36	<	29.4	<	3.87	<	48.3
10/2/24	1.145		0.11		1.1		1.64		15.7		2.48		23.7		5.61		53.6		8.09		77.3
10/3/24	1.053																				
10/4/24	0.993																				
10/5/24	0.907																				
10/6/24	0.994																				
10/7/24	1.009		0.18		1.5		0.02		0.2		0.82		6.9	<	2.48	<	20.9	<	3.30	<	27.8
10/8/24	0.93		0.13		1.0	<	0.02	<	0.2		0.59		4.6	<	1.52	<	11.8	<	2.11	<	16.4
10/9/24	0.961																				
10/10/24	0.966																				
10/11/24	0.919																				
10/12/24	0.858																				
10/13/24	0.869																				
10/14/24	0.933		0.13		1.0		0.11		0.9		0.89		6.9	<	1.87	<	14.6	<	2.76	<	21.5
10/15/24	0.876		0.09		0.7		0.03		0.2		1.1		8.0	<	1.58	<	11.5	<	2.68	<	19.6
10/16/24	0.907																				
10/17/24	0.92																				
10/18/24	0.851																				
10/19/24	0.814																				
10/20/24	0.863																				
10/21/24	0.857		0.17		1.2		0.82		5.9		1.66		11.9	<	1.1	<	7.9	<	2.76	<	19.7
10/22/24	1.009		0.13		1.1		0.44		3.7		1.2		10.1	<	1.22	<	10.3	<	2.42	<	20.4
10/23/24	0.792																				
10/24/24	0.802																				
10/25/24	0.809																				
10/26/24	0.794																				
10/27/24	0.873																				
10/28/24	0.84		0.01		0.1		0.05		0.4	<	0.5	<	3.5	<	1.1	<	7.7	<	1.60	<	11.2
10/29/24	0.845		0.08		0.6		0.05		0.4		0.51		3.6	<	1.52	<	10.7	<	2.03	<	14.3
10/30/24	0.894																				
10/31/24	0.815																				
11/1/24	0.806																				
11/2/24	0.786																				
11/3/24	0.85																				
11/4/24	0.861		0.08		0.6	<	0.02	<	0.1		0.74		5.3	<	1.64	<	11.8	<	2.38	<	17.1
11/5/24	0.835		0.07		0.5	<	0.02	<	0.1	<	0.5	<	3.5	<	2.72	<	18.9	<	3.22	<	22.4
11/6/24	0.86																				
11/7/24	0.692																				
11/8/24	0.506																				
11/9/24	0.74																				
11/10/24	0.976																				
11/11/24	0.88		0.55		4.0		8.66		63.6		10.1		74.1		2.56		18.8		12.66		92.9
11/12/24	0.764		0.39		2.5		11.2		71.4		12.5		79.6		2.24		14.3		14.74		93.9
11/13/24	0.783																				
11/14/24	0.859																				
11/15/24	0.81																				
11/16/24	0.78																				

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Version 2.2, 10/15/2020

CHESAPEAKE BAY SUPPLEMENTAL REPORT
ANNUAL NUTRIENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
TN Cap Load (lbs): **40,182** Sewage Industrial Waste
TN Delivery Ratio: **0.837**

Compliance Year: **2025** Outfall: **001**
NPDES Permit No.: **PA0020664**
This permit will expire on: **February 28, 2026**
TP Cap Load (lbs): **5,358**
TP Delivery Ratio: **0.503**

Sample Date	FLOW	Total Phosporus (TP)				NH3-N				TKN				NO2+NO3 as N				Total Nitrogen (TN)			
	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
11/17/24	0.85																				
11/18/24	1.545																				
11/19/24	0.918		0.26		2.0		0.03		0.2		0.86		6.6		6.16		47.2		7.02		53.7
11/20/24	1.115		0.09		0.8		0.08		0.7		0.74		6.9	<	4.88	<	45.4	<	5.62	<	52.3
11/21/24	0.967																				
11/22/24	1.058																				
11/23/24	0.849																				
11/24/24	0.841																				
11/25/24	0.849		0.1		0.7		0.05		0.4	<	0.5	<	3.5	<	13.4	<	94.9	<	13.90	<	98.4
11/26/24	0.856		0.08		0.6		0.05		0.4	<	0.5	<	3.6	<	13.4	<	95.7	<	13.90	<	99.2
11/27/24	1.059																				
11/28/24	1.221																				
11/29/24	0.844																				
11/30/24	0.846																				
12/1/24	0.908																				
12/2/24	0.952		0.1		0.8		0.02		0.2	<	0.5	<	4.0	<	17.3	<	137.4	<	17.80	<	141.3
12/3/24	0.908		0.09		0.7	<	0.02	<	0.2	<	0.5	<	3.8	<	18.1	<	137.1	<	18.60	<	140.9
12/4/24	0.968																				
12/5/24	0.876																				
12/6/24	0.864																				
12/7/24	0.854																				
12/8/24	0.881																				
12/9/24	1.005		1.83		15.3		17.8		149.2		19.7		165.1	<	1.75	<	14.7	<	21.45	<	179.8
12/10/24	0.972		0.13		1.1		5.65		45.8		7.21		58.4		3.38		27.4		10.59		85.8
12/11/24	2.539																				
12/12/24	1.344																				
12/13/24	1.068																				
12/14/24	1																				
12/15/24	1.106																				
12/16/24	1.23		0.18		1.8	<	0.02	<	0.2		0.88		9.0	<	1.99	<	20.4	<	2.87	<	29.4
12/17/24	1.077		0.13		1.2		0.06		0.5	<	0.5	<	4.5	<	1.97	<	17.7	<	2.47	<	22.2
12/18/24	1.119																				
12/19/24	1.035																				
12/20/24	1.055																				
12/21/24	0.954																				
12/22/24	0.901																				
12/23/24	0.917		0.1		0.8		0.06		0.5		0.58		4.4	<	1.66	<	12.7	<	2.24	<	17.1
12/24/24	0.947																				
12/25/24	0.775		0.09		0.6		0.03		0.2	<	0.5	<	3.2	<	4.57	<	29.5	<	5.07	<	32.8
12/26/24	1.07																				
12/27/24	0.705																				
12/28/24	1.222																				
12/29/24	1.169																				
12/30/24	0.981		0.1		0.8		0.06		0.5	<	0.5	<	4.1	<	2.68	<	21.9	<	3.18	<	26.0
12/31/24	1.029																				
1/1/25	0.873		0.12		0.9		0.03		0.2		0.67		4.9	<	3.68	<	26.8	<	4.35	<	31.7
1/2/25	0.917																				

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Version 2.2, 10/15/2020

CHESAPEAKE BAY SUPPLEMENTAL REPORT
ANNUAL NUTRIENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
TN Cap Load (lbs): **40,182** Sewage Industrial Waste
TN Delivery Ratio: **0.837**

Compliance Year: **2025** Outfall: **001**
NPDES Permit No.: **PA0020664**
This permit will expire on: **February 28, 2026**
TP Cap Load (lbs): **5,358**
TP Delivery Ratio: **0.503**

	FLOW	Total Phosporus (TP)				NH3-N				TKN				NO2+NO3 as N				Total Nitrogen (TN)			
Sample Date	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
1/3/25	0.852																				
1/4/25	0.854																				
1/5/25	0.895																				
1/6/25	0.933		0.26		2.0	<	0.02	<	0.2		0.58		4.5	<	5.27	<	41.0	<	5.85	<	45.5
1/7/25	0.906		0.31		2.3		0.05		0.4	<	0.5	<	3.8	<	5.58	<	42.2	<	6.08	<	45.9
1/8/25	0.87																				

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CHESAPEAKE BAY SUPPLEMENTAL REPORT
ANNUAL NUTRIENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
TN Cap Load (lbs): **40,182** Sewage Industrial Waste
TN Delivery Ratio: **0.837**

Compliance Year: **2025** Outfall: **001**
NPDES Permit No.: **PA0020664**
This permit will expire on: **February 28, 2026**
TP Cap Load (lbs): **5,358**
TP Delivery Ratio: **0.503**

Sample Date	FLOW	Total Phosporus (TP)				NH3-N				TKN				NO2+NO3 as N				Total Nitrogen (TN)			
	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
1/9/25	0.915																				
1/10/25	0.908																				
1/11/25	0.927																				
1/12/25	0.985																				
1/13/25	0.944		0.58		4.6		0.04		0.3		0.94		7.4	<	4.12	<	32.4	<	5.06	<	39.8
1/14/25	1.051		0.4		3.5		0.02		0.2		0.72		6.3	<	3.69	<	32.3	<	4.41	<	38.7
1/15/25	1.003																				
1/16/25	0.981																				
1/17/25	1.045																				
1/18/25	0.957																				
1/19/25	1.028																				
1/20/25	1.1		0.47		4.3		0.04		0.4		0.87		8.0	<	2.1	<	19.3	<	2.97	<	27.2
1/21/25	1.077		0.42		3.8		0.03		0.3		0.57		5.1	<	2.64	<	23.7	<	3.21	<	28.8
1/22/25	1.039																				
1/23/25	1.045																				
1/24/25	1.008																				
1/25/25	1.015																				
1/26/25	1.08																				
1/27/25	1.09		0.27		2.5		0.04		0.4		1.13		10.3	<	1.72	<	15.6	<	2.85	<	25.9
1/28/25	1.036		0.15		1.3		0.05		0.4		1.0		8.6	<	0.98	<	8.5	<	1.98	<	17.1
1/29/25	1.095																				
1/30/25	1.068																				
1/31/25	1.189																				
2/1/25	1.068																				
2/2/25	1.056																				
2/3/25	1.077		0.37		3.3	<	0.02	<	0.2		0.61		5.5	<	1.84	<	16.5	<	2.45	<	22.0
2/4/25	1.045		0.18		1.6		0.05		0.4		0.58		5.1	<	1.61	<	14.0	<	2.19	<	19.1
2/5/25	1																				
2/6/25	1.446																				
2/7/25	1.041																				
2/8/25	1.122																				
2/9/25	1.34																				
2/10/25	1.097		0.15		1.4		0.03		0.3		0.56		5.1	<	1.55	<	14.2	<	2.11	<	19.3
2/11/25	1.116		0.09		0.8		0.05		0.5		0.51		4.7	<	1.61	<	15.0	<	2.12	<	19.7
2/12/25	1.228																				
2/13/25	1.385																				
2/14/25	1.133																				
2/15/25	1.508																				
2/16/25	2.183																				
2/17/25	1.557		0.21		2.7		0.06		0.8		0.97		12.6	<	1.45	<	18.8	<	2.42	<	31.4
2/18/25	1.331		0.09		1.0		0.11		1.2		0.64		7.1	<	1.67	<	18.5	<	2.31	<	25.6
2/19/25	1.233																				
2/20/25	1.235																				
2/21/25	1.147																				
2/22/25	1.08																				
2/23/25	1.107																				
2/24/25	1.068		0.08		0.7	<	0.02	<	0.2	<	0.5	<	4.5	<	1.6	<	14.3	<	2.10	<	18.7

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

Version 2.2, 10/15/2020

CHESAPEAKE BAY SUPPLEMENTAL REPORT
ANNUAL NUTRIENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
TN Cap Load (lbs): **40,182** Sewage Industrial Waste
TN Delivery Ratio: **0.837**

Compliance Year: **2025** Outfall: **001**
NPDES Permit No.: **PA0020664**
This permit will expire on: **February 28, 2026**
TP Cap Load (lbs): **5,358**
TP Delivery Ratio: **0.503**

	FLOW	Total Phosporus (TP)				NH3-N				TKN				NO2+NO3 as N				Total Nitrogen (TN)			
Sample Date	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
2/25/25	1.08		0.07		0.6	<	0.02	<	0.2	<	0.5	<	4.5	<	1.6	<	14.4	<	2.10	<	18.9
2/26/25	0.971																				
2/27/25	0.934																				
2/28/25	0.925																				
3/1/25																					
3/2/25																					
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Sample Date	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
4/13/25																					
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Sample Date	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
5/30/25																					
5/31/25																					
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Sample Date	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
7/16/25																					
7/17/25																					
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TP Delivery Ratio: **0.503**

Sample Date	FLOW MGD	Total Phosporus (TP) Q	Total Phosporus (TP) mg/L	Total Phosporus (TP) Q	Total Phosporus (TP) lbs/day	NH3-N Q	NH3-N mg/L	NH3-N Q	NH3-N lbs/day	TKN Q	TKN mg/L	TKN Q	TKN lbs/day	NO2+NO3 as N Q	NO2+NO3 as N mg/L	NO2+NO3 as N Q	NO2+NO3 as N lbs/day	Total Nitrogen (TN) Q	Total Nitrogen (TN) mg/L	Total Nitrogen (TN) Q	Total Nitrogen (TN) lbs/day
9/1/25																					
9/2/25																					
9/3/25																					
9/4/25																					
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9/30/25																					
Avg	**1.005**		**0.22**		**1.8**	**<**	**1.08**	**<**	**8.4**	**<**	**1.83**	**<**	**14.7**	**<**	**3.72**	**<**	**29.8**	**<**	**5.54**	**<**	**44.5**
Annual Total Mass Loads (lbs):					**675**			**<**	**3053**			**<**	**5357**			**<**	**10880**			**<**	**16236**

P Credits Generated: **802**

N Credits Generated: **1,596**

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Micah Ammerman**
Title: **Assistant Project Manager**

License No.: **23501**
Date: **17/2/2025**

Monthly Statistics

Monthly Total Mass Loads (lbs)

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

Version 2.2, 10/15/2020

CHESAPEAKE BAY SUPPLEMENTAL REPORT
ANNUAL NUTRIENT MONITORING

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**
TN Cap Load (lbs): **40,182** Sewage Industrial Waste
TN Delivery Ratio: **0.837**

Compliance Year: **2025** Outfall: **001**
NPDES Permit No.: **PA0020664**
This permit will expire on: **February 28, 2026**
TP Cap Load (lbs): **5,358**
TP Delivery Ratio: **0.503**

Sample Date	FLOW	Total Phosporus (TP)				NH3-N				TKN				NO2+NO3 as N				Total Nitrogen (TN)			
	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
Month	**Total Phosphorus (TP)**					**NH3-N**				**TKN**				**NO2+NO3 as N**				**Total Nitrogen (TN)**			
October	28.9					< 85.5				< 303.9				< 552.8				< 856.6			
November	43.8					< 513.3				< 686.8				< 1300.7				< 1987.5			
December	79.4					< 679.2				< 883.8				< 1442.4				< 2326.2			
January	86.6					< 9.2				< 202.9				< 833				< 1035.8			
February	42.6					< 13				< 171.7				< 440.1				< 611.9			
March																					
April																					
May																					
June																					
July																					
August																					
September																					

Average Monthly Concentrations (mg/L)

Month	Total Phosphorus (TP)	NH3-N	TKN	NO2+NO3 as N	Total Nitrogen (TN)
October	0.11	< 0.32	< 1.13	< 2.04	< 3.16
November	0.2	< 2.51	< 3.31	< 5.88	< 9.18
December	0.31	< 2.64	< 3.43	< 5.93	< 9.36
January	0.33	< 0.04	< 0.78	< 3.31	< 4.08
February	0.16	< 0.05	< 0.61	< 1.62	< 2.23
March					
April					
May					
June					
July					
August					
September					

3800-FM-BCW0438 3/2012

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

SUPPLEMENTAL REPORT
SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name: **Middletown STP**
Municipality: **Middletown Borough** County: **Dauphin**
Watershed: **7-C**

Month: **February** Year: **2025**
NPDES Permit No.: **PA0020664**
Renewal application due **180 days** prior to expiration
This permit will expire on: **February 28, 2026**

SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

☐ Check here if there were no off-site removal events during the month

Date	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered Sewage Sludge/Biosolids Hauled Off-site			Sewage Sludge/Biosolids Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
2/7/25				10.44	30.10	**3.14**			
2/13/25				5.97	30.90	**1.84**			
2/14/25				6.15	27.90	**1.72**			
TOTAL:				**TOTAL:**		**6.703**		**TOTAL:**	

SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION
(Identify all sites where biosolids or ash were disposed or land applied)

Site Name	**Marvin Weaver Cedar Rd Farm**			
Municipality	Conewago Township			
County	Dauphin			
DEP Permit No.	PAG07-3504			
Type of Material*	Biosolids			
Dry Tons Applied/Disposed	6.70			
Type of Disposal/Use*	Agricultural Utilization			
Hauler Name	BORO. MIDDLETOWN			

* See Instructions for explanation.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Micah Ammerman** License No.: **23501**
Title: **Assistant Project Manager** Date: **March 21, 2025**

VEOLIA Middletown WWTP

February, 2025

DATE	EFF FLOW MGD	M.J. Reider Composite Sample Test Results																				
		BOD		CBOD		%Removal	SUSPENDED SOLIDS				%Removal	TP		FEC.	NH3		NO2-NO3		TKN		TN	
		INFLUENT		EFFLUENT			INFLUENT		EFFLUENT			EFFLUENT		COLIF.	EFFLUENT		EFFLUENT		EFFLUENT		EFFLUENT	
		mg/L	LBS.	mg/L	LBS.		mg/L	LBS.	mg/L	LBS.		mg/L	LBS.	/100ml	mg/L	LBS.	mg/L	LBS.	mg/L	LBS.	mg/L	LBS.
01	1.068																					
02	1.056																					
03	10.772	146	13,116	<2.0	<179.68	98.6	66	5,929	3.0	269.52	95.5	0.37	33.24		<0.02	<1.80	<1.8	<165.30	0.6	54.80	<2.45	<220.1
04	10.000	227	18,932	<2.0	<166.80	99.1	96	8,006	3.0	250.20	96.9	0.18	15.01	76	0.05	4.17	<1.6	<134.27	0.6	48.37	<2.19	<182.6
05	1.000													72								
06	1.446																					
07	1.041																					
08	1.122																					
09	1.340																					
10	1.097	154	1,408	<2.0	<18.29	98.7	78	713	<1.0	9.15	98.7	0.15	1.37		0.03	0.27	<1.6	<14.18	0.6	5.12	<2.11	<19.3
11	1.116	81	757	<2.0	<18.62	97.5	60	559	1.0	9.31	98.3	0.09	0.84	50	0.05	0.47	<1.6	<14.99	0.5	4.75	<2.12	<19.7
12	1.228													10								
13	1.385																					
14	1.133																					
15	1.508																					
16	2.183																					
17	1.557	96	1,250	<2.0	<25.98	97.9	128	1,663	5.0	64.94	96.1	0.21	2.73		0.06	0.78	<1.5	<18.83	1.0	12.60	<2.42	<31.4
18	1.331	138	1,532	<2.0	<22.20	98.6	90	999	2.0	22.20	97.8	0.09	1.00	<2	0.11	1.22	<1.7	<18.54	0.6	7.10	<2.31	<25.6
19	1.233													15								
20	1.235																					
21	1.147																					
22	1.080																					
23	1.107																					
24	1.068	134	1,194	<2.0	<17.82	98.5	66	588	<1.0	8.91	98.5	0.08	0.71		<0.02	<0.18	<1.6	<14.26	<0.5	<4.46	<2.10	<18.7
25	1.080	127	1,144	<2.0	<18.01	98.4	104	936	<1.0	9.00	99.0	0.07	0.63	<2	<0.02	<0.18	<1.6	<14.41	<0.5	<4.50	<2.10	<18.9
26	0.971													18								
27																						
28																						

EVISED 9/18/15 M

VEOLIA Middletown WWTP

Daily Effluent Grab Monitoring / Weather

February 2025

Date	Operator Initials	Effluent Grab Sample Time		pH		RPD	Dissolved Oxygen (mg/L)		RPD	Total Residual Chlorine (mg/L)		RPD	Temp.	Influent COD	Comments
		Start	Finish	#1	#2	%	#1	#2	%	#1	#2	%	C	mg/L	
01	MB	1223	1223	7.50	7.50	0.00	9.66	9.57	0.94	0.54	.56	-3.64	13.8		
02	CH	0710	0710	7.60	7.60	0.00	9.70	9.70	0.00	0.37	.36	2.74	12.4		
03	MB	0802	0802	7.70	7.60	1.31	9.76	9.77	-0.10	0.41	.41	.00	12.9	477.00	
04	MB	0919	0919	7.60	7.60	0.00	9.55	9.62	-0.73	0.28	.28	.00	13.6	503.00	
05	MB	1027	1027	7.60	7.60	0.00	9.89	9.92	-0.30	0.32	.30	6.45	13.7	472.00	
06	MB	1147	1147	7.40	7.40	0.00	9.09	9.14	-0.55	0.55	.55	.00	14.5	647.00	
07	MB	1034	1034	7.60	7.50	1.32	9.75	9.70	0.51	0.30	.31	-3.28	14.4	481.00	
08	AB	0930	0930	7.50	7.50	0.00	9.81	9.85	-0.41	0.29	.29	.00	14.1		
09	CK	1110	1110	7.50	7.60	-1.32	9.73	9.64	0.93	0.29	.30	-3.39	13.3		
10	MB	1141	1141	7.40	7.50	-1.34	10.01	9.95	0.60	0.31	.32	-3.17	13.9	565.00	
11	MB	1039	1039	7.50	7.50	0.00	10.05	10.02	0.30	0.29	.30	-3.39	15.3	723.00	
12	MB	1102	1102	7.50	7.50	0.00	9.87	10.08	-2.11	0.33	.33	.00	14.1	363.00	
13	MB	1051	1051	7.60	7.60	0.00	9.32	9.40	-0.85	0.40	.40	.00	14.1	578.00	
14	MB	1208	1208	7.40	7.50	-1.34	10.08	10.03	0.50	0.33	.35	-5.88	13.7	348.00	
15	CH	0719	0719	7.40	7.40	0.00	9.50	9.50	0.00	0.68	.67	1.48	13.3		
16	MB	1533	1533	7.40	7.40	0.00	8.03	7.99	0.50	0.51	.49	4.00	16.8		
17	MB	1207	1207	7.40	7.40	0.00	10.21	10.17	0.39	0.57	.56	1.77	12.6	408.00	
18	MB	1118	1118	7.60	7.50	1.32	10.15	10.22	-0.69	0.47	.47	.00	12.2	366.00	
19	MB	1022	1022	7.40	7.50	-1.34	10.43	10.41	0.19	0.34	.34	.00	11.8	483.00	
20	MB	1052	1052	7.50	7.50	0.00	10.03	10.02	0.10	0.32	.32	.00	11.9	422.00	
21	MB	1112	1112	7.60	7.60	0.00	10.28	10.23	0.49	0.37	.36	2.74	11.7	468.00	
22	TH	0956	0956	8.20	7.40	10.26	10.43	10.47	-0.38	0.39	.40	-2.53	11.8		
23	CK	1035	1035	7.50	7.50	0.00	10.23	10.31	-0.78	0.38	.34	11.11	12.8		
24	MB	1128	1128	7.40	7.40	0.00	9.76	9.88	-1.22	0.40	.40	.00	13.8	516.00	
25	MB	0926	0926	7.40	7.40	0.00	9.50	9.54	-0.42	0.42	.42	.00	14.2	486.00	
26	AB	0930	0930	7.50	7.50	0.00	9.35	9.32	0.32	0.35	.35	.00	14.3	387.00	
27	AB	0940	0940	7.40	7.50	-1.34	9.30	9.29	0.11	0.35	.35	.00	14.2	313.00	
28	AB	0945	0945	7.40	7.40	0.00	9.40	9.39	0.11	0.33	.33	.00	13.8	274.00	

VEOLIA Middletown WWTP

Process Control

February 2025

DAY	DITCH				RAS	WASTE			RR	F/M	SETTLING TEST			BLANKETS	
	TS		VS		TS	Gallons	Lbs	SRT			MINUTES		SVI	C1	C2
	mg/L	lbs	mg/L	%	mg/L			Days			5	30		AM	AM
01						20,000									
02						20,000									
03	4,767	58,049	2,487	52.2	8,251	2,000	138	22.01	5.57		910	550	115		
04	4,894	59,591	2,957	60.4	6,931	25,000	1,445	24.91	4.79		860	480	98		
05	4,586	55,839	2,866	62.5	7,198	20,000	1,201	29.07	11.33		880	500	109		28
06	4,934	60,081	2,806	56.9	9,597	20,000	1,601	21.34	3.77		910	500	101		24
07	5,044	61,413	2,942	58.3	7,531	25,000	1,570	22.82	6.51		870	470	93		24
08															
09															
10	5,157	62,789	2,822	54.7	7,490	25,000	1,562	22.00	7.00		850	470	91		15
11	5,162	62,849	2,868	55.6	9,172	20,000	1,530	22.82	5.02		900	490	95		15
12	4,863	59,212	2,918	60.0	8,039	20,000	1,341	26.50	8.74		870	480	99		15
13	5,402	65,780	3,045	56.4	10,877	20,000	1,814	20.44	4.35		910	500	93		27
14	5,034	61,291	2,764	54.9	7,932	20,000	1,323	25.43	4.52		840	450	89		15
15						20,000									
16						48,500									
17	4,489	54,665	2,351	52.4	4,252	0	0	28.33	8.80		760	350	78		
18	4,830	58,812	2,760	57.1	10,166	20,000	1,696	19.82	4.57		880	470	97		24
19	4,663	56,777	2,720	58.3	9,713	20,000	1,620	20.44	5.01		890	450	97		24
20	4,686	57,056	2,648	56.5	8,531	25,000	1,779	18.13	4.98		900	490	105		
21	4,603	56,051	2,702	58.7	8,547	20,000	1,426	23.08	7.46		840	440	96		
22						20,000									
23						20,000									
24	4,593	55,923	2,718	59.2	8,748	20,000	1,459	22.68	9.05		880	460	100		
25	4,519	55,030	2,611	57.8	7,799	20,000	1,301	24.44	6.48		800	420	93		
26	4,569	55,630	2,975	65.1	6,891	20,000	1,149	31.51	5.30		800	450	98		
27	4,636	56,447	2,649	57.1	8,067	22,000	1,480	21.79	7.29		810	450	97		
28	4,300	52,355	2,470	57.4	7,799	22,000	1,431	21.02	6.95		840	450	105		
AVG	4,787	58,282	2,754	57.6	8,177	20,558	1,343	23.4	6.37		860	466	97		21

PA MIDDLETOWN WWTP

THICKENER MONTHLY REPORT

February 2025

DATE	RUN	FEED SLUDGE			DISCHARGE SLUDGE			POLYMER
	TIME	GALLONS	% SOLIDS	LBS.	GALLONS	% SOLIDS	LBS.	GALLONS
01								
02								
03	0.50	7,401	0.87	537	1,683	7.58	1,064	1
04	7.00	52,505	0.87	3,810	6,732	7.58	4,256	6
05								
06	6.50	39,316	0.83	2,722	10,098	6.63	5,584	8
07								
08								
09								
10								
11	4.50	47,523	0.86	3,409	8,415	6.78	4,758	7
12								
13	5.50	70,207	0.84	4,918	6,732	6.99	3,925	8
14								
15								
16								
17	3.50	44,904	1.06	3,970	5,049	7.73	3,255	5
18	4.75	36,737	1.01	3,095	3,366	7.00	1,965	6
19	5.00	37,738	0.97	3,053	5,049	6.75	2,842	8
20	6.00	42,927	0.94	3,365	3,366	7.09	1,990	10
21	6.00	58,583	0.97	4,739	6,732	7.00	3,930	9
22								
23								
24	5.50	38,163	0.89	2,833	5,049	6.98	2,939	7
25	5.00	38,408	0.85	2,723	3,366	6.85	1,923	7
26	4.50	33,492	0.78	2,179	3,366	6.67	1,872	8
27	4.50	32,832	0.82	2,245	3,366	7.16	2,010	7
28	4.50	28,847	0.79	1,901	1,683	7.17	1,006	8
TOTAL	73	609,583	13.35	45,499	74,052	105.96	43,319	105

REVISED 7/17/14

Veolia Middletown WWTP

February 2025

ATAD TIME and TEMPERATURE

Date	Operator	Thickener					ATAD Level			ATAD Feed			ATAD		Minimum Till Transfer		ATAD to SNDR			
		End of feed		Disch. (ATAD Feed)			After						End of feed					Start		
		Temp.	Feed	TS	VS	VS	Start	Trans.	Feed	Gallons	TS	VS	Avg Temp. Since	Time			Date	Time	Temp.	Gallons
		° F	Gals.	mg/L	mg/L	%	Ft	Ft	Ft		Lbs.	Lbs.	°F	24 HR	Hours	Date/Time			° F	
02/01/25																				
02/02/25																				
02/03/25	AB	125.3	7,401	75,789	54,791	72.3	8.0	8.0	8.0	1,683	1,064	769	125.0	14:30	70.2	2/6/25 12:43	2/2/25	7:22	125.4	30,041
02/04/25	AB	122.8	52,505	75,789	54,791	72.3	8.0	8.4	8.4	6,732	4,255	3,076	125.0	14:30	70.2	2/7/25 12:43				
02/05/25																				
02/06/25	AB	120.7	39,316	66,323	48,764	73.5	8.4	9.0	9.0	10,098	5,586	4,107	125.0	14:00	70.2	2/9/25 12:13				
02/07/25																				
02/08/25																				
02/09/25																				
02/10/25																				
02/11/25	AB	122.5	47,523	67,817	50,000	73.7	7.5	8.0	8.0	8,415	4,759	3,509	124.5	13:00	76.8	2/14/25 17:47	11/2/25	2:41	125.7	29,182
02/12/25																				
02/13/25	AB	122.5	70,207	69,939	50,180	71.7	8.0	8.4	8.4	6,732	3,927	2,817	124.5	12:45	76.8	2/16/25 17:32				
02/14/25																				
02/15/25																				
02/16/25																				
02/17/25	CK	120.9	44,904	77,297	55,813	72.2	7.0	7.3	7.3	5,049	3,255	2,350	131.1	12:00	23.6	2/18/25 11:33	2/17/25	2:31	124.3	27,782
02/18/25	CK	121.0	36,737	70,048	51,604	73.7	7.4	7.6	7.6	3,366	1,966	1,449	131.1	12:15	23.6	2/19/25 11:48				
02/19/25	MB	121.0	37,738	67,539	49,556	73.4	7.6	7.9	7.9	5,049	2,844	2,087	131.1	13:00	23.6	2/20/25 12:33				
02/20/25	MB	121.1	42,927	70,913	54,945	77.5	7.9	8.1	8.1	3,366	1,991	1,542	131.1	14:00	23.6	2/21/25 13:33				
02/21/25	MB	120.3	58,583	70,026	48,333	69.0	8.1	8.5	8.5	6,732	3,932	2,714	131.1	14:00	23.6	2/22/25 13:33				
02/22/25																				
02/23/25																				
02/24/25	MB	123.4	38,163	69,795	51,783	74.2	8.5	8.8	8.8	5,049	2,939	2,181	131.1	13:30	23.6	2/25/25 13:03				
02/25/25	MB	124.2	38,408	68,479	50,957	74.4	8.8	9.0	9.0	3,366	1,922	1,430	131.1	13:00	23.6	2/26/25 12:33				
02/26/25	CK	125.5	33,492	66,712	47,409	71.1	9.0	9.2	9.2	3,366	1,873	1,331	131.1	12:00	23.6	2/27/25 11:33				
02/27/25	MB	127.5	32,832	71,565	47,308	66.1	9.2	9.4	9.4	3,366	2,009	1,328	131.1	12:00	23.6	2/28/25 11:33				
02/28/25	AB	129.5	28,847	71,673	47,984	66.9	9.4	9.5	9.5	1,683	1,006	674	131.1	12:00	23.6	3/1/25 11:33				

Veolia Middletown WWTP

February 2025

ATAD transfer to SNDR SRT							Centrifuge Data						
Date	Operator	ATAD				SRT	Operator	Centifuge Feed Gallons	SNDR				
		Total Solids	Transfer Gallons	ATAD Tank	Waste ATAD to SNDR				TS	VS	VS	Discharge	
												TS	VS
		mg/L	Gallons	Pounds	Pounds	Days			mg/L	mg/L	%	Lbs.	Lbs.
02/01/25													
02/02/25													
02/03/25	AB	35,433	30,041	39,788	8,877	4.48							
02/04/25													
02/05/25							AB	23,429	31,300	19,659	62.8	6116	3841
02/06/25													
02/07/25													
02/08/25													
02/09/25													
02/10/25													
02/11/25	CH	36,466	29,182	38,388	8,875	4.33							
02/12/25							AB	13,662	32,361	17,314	53.5	3687	1973
02/13/25													
02/14/25							AB	13,032	31,615	16,709	52.9	3436	1816
02/15/25													
02/16/25													
02/17/25	CH	36,439	27,782	35,803	8,443	4.24							
02/18/25													
02/19/25													
02/20/25													
02/21/25													
02/22/25													
02/23/25													
02/24/25													
02/25/25													
02/26/25													
02/27/25													
02/28/25													

VEOLIA Middletown WWTP

Centrifuge Monthly Report

February 2025

Date	Run Time	Feed Sludge		Centrifuge Cake			Lime		Polymer	Alum	SNDR		Copper
	Hours	Gallons	% Solids	Pounds Dry Solids	Dry Tons	% Solids	Pounds Used	Pounds/ Ton	Total Gallons	Total Gallons	pH	Level	Conc. mg/l
01													
02													
03													
04													
05	6.00	23,429	3.21	6,272	3.14	30.1	1,008	321	20	22	5.9	8.0	
06													
07													
08													
09													
10													
11													
12	4.50	13,662	3.24	3,691	1.85	30.9	756	410	14	41	5.8	9.0	
13													
14	4.25	13,032	3.16	343	0.17	27.9	714	4,163	12	41	4.4	8.0	
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													

REVISED 7/17/14

PA MIDDLETOWN WWTP

February, 2025 **BIOSOLIDS INVENTORY**

DATE	DRY TONS		TO	USE	TOTAL ON SITE
	PROCESSED	DELIVERED			
02/01/25					
02/02/25					
02/03/25		2.52	Amerigreen	Agriculture	2.52
02/04/25					
02/05/25	3.14				3.14
02/06/25					
02/07/25		3.14	Amerigreen	Agriculture	0.00
02/08/25					
02/09/25					
02/10/25					
02/11/25					
02/12/25	1.85				1.85
02/13/25		1.85	Amerigreen	Agriculture	0.00
02/14/25	1.72				1.72
02/15/25					
02/16/25					
02/17/25					
02/18/25					
02/19/25					
02/20/25					
02/21/25					
02/22/25					
02/23/25					
02/24/25					
02/25/25					
02/26/25					
02/27/25					
02/28/25					
Total Tons	6.71	7.51		Total Tons	9.23
Metric Tons	6.09	6.81		Metric Tons	8.37

2025

PA MIDDLETOWN WWTP

BIOSOLIDS INVENTORY

DATE	Dry Tons (US Short Tons)		Dry Tons (Meteric Tons)	
	PROCESSED	DELIVERED	PROCESSED	DELIVERED
Jan, 2025	10.36	13.91	9.40	12.62
Feb, 2025	6.71	7.51	6.09	6.81
Mar, 2025				
Apr, 2025				
May, 2025				
Jun, 2025				
Jul, 2025				
Aug, 2025				
Sep, 2025				
Oct, 2025				
Nov, 2025				
Dec, 2025				
Total	17.07	21.42	15.49	19.43
Average	8.54	10.71	7.75	9.72
Maximum	10.36	13.91	9.40	12.62
Minimum	6.71	7.51	6.09	6.81

PA MIDDLETOWN WWTP

BIOSOLIDS VOLATILE REDUCTION

MONTH February YEAR 2025

DAY	THICKENER DISCHARGE			SNDR			%
	TS	TVS	VS	TS	TVS	VS	VOL.
	mg/L		%	mg/L		%	REDUCT.
01							
02							
03							
04	78,000	58,032	74.4	31,300	16,900	54.0	70.9
05							
06							
07							
08							
09							
10							
11	68,000	50,660	74.5	31,900	17,400	54.5	65.7
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
AVG	73,000	54,346	74.5	31,600	17,150	54.3	
% SOLIDS REDUCTION			56.7			68.4	%

REVISED 7/17/14

Veolia Middletown WWTP

Biosolids Volatile Reduction
M.J. Reider Results
2025

Date	Thickener Discharge			SNDR			Volatile Reduction
	TS	TVS	VS	TS	TVS	VS	
	mg/L		%	mg/L		%	%
01/08/24	42,000	32,718	77.9	27,200	15,300	56.0	53.2
01/29/24	49,000	38,269	78.1	27,400	15,700	57.0	59.0
02/04/25	78,000	58,032	74.4	31,300	16,900	54.0	70.9
02/11/25	68,000	50,660	74.5	31,900	17,400	54.5	65.7
AVG	59,250	44,920	75.8	29,450	16,325	55.4	
Avg. % TS Reduction		50.3	Avg. Mass Balance % VS Reduction				63.7

PA MIDDLETOWN WWTP
2025 Annual Performance

	Flow Data							BOD / CBOD						Phosphorus, Total		Fecal Colif.
	Total MG	Average MG	Maximum		Minimum			Inf mg/L	Eff mg/L	Inf Lbs	Eff Lbs	Lbs Removed	% Removal	Eff mg/L	Eff Lbs	cfu/100mL
Jan '25	30.687	0.990	01/31/25	1.189	01/03/25	0.852		142	2	36,217	512	35,705	98.4	0.33	85	190
Feb '25	50.304	1.935	02/03/25	10.772	02/26/25	0.971		138	2	57,870	839	57,031	98.4	0.16	65	76
Mar '25																
Apr '25																
May '25																
Jun '25																
Jul '25																
Aug '25																
Sep '25																
Oct '25																
Nov '25																
Dec '25																
Total	**87.333**									**94,087**	**1,351**	**92,736**			**150**	
Average	29.111	1.327		4.495		0.896		140	2.0	47,044	676	46,368	98.4	0.25	75	
Maximum	50.304	1.935		10.772		0.971		142	2.0	57,870	839	57,031	98.4	0.33	85	
Minimum	6.342	0.990		1.189		0.852		138	2.0	36,217	512	35,705	98.4	0.16	65	

	TSS							Ammonia		TKN		Nitrate+Nitrite	Nitrogen, Total			Fecal Colif.
	Inf mg/L	Eff mg/L	Inf Lbs	Eff Lbs	Lbs Removed	% Removal		Eff mg/L	Eff Lbs	Eff mg/L	Eff Lbs	Eff mg/L	Eff Lbs	Eff mg/L	Eff Lbs	Geo. Mean
Jan '25	133	2	33,954	398	33,556	98.3		0.04	9	0.8	198	3.38	865	4.15	1,063	51
Feb '25	86	2	36,080	892	35,189	97.6		0.05	19	0.6	255	1.62	678	2.23	933	<15
Mar '25																
Apr '25																
May '25																
Jun '25																
Jul '25																
Aug '25																
Sep '25																
Oct '25																
Nov '25																
Dec '25																
Total			**70,034**	**1,290**	**68,744**				**28**	**1**	**453**		**1,543**		**1,997**	
Average	109.5	2.0	35,017	645	34,373	98.0		0.05	14	1	227	2.50	772	3.19	998	
Maximum	132.7	2.1	36,080	892	35,189	98.3		0.05	19	1	255	3.38	865	4.15	1,063	
Minimum	86.0	1.6	33,954	398	33,556	97.6		0.04	9	1	198	1.62	678	2.23	933	

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2503879
Report: 02/11/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2503879-01 **Collected By:** Client **Sampled:** 02/04/25 08:29 **Received:** 02/04/25 13:15
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	146	mg/L	13.3	SM 5210 B	02/05/25 9:00		INW
Solids, Total Suspended	66	mg/L	1	SM 2540 D	02/05/25		BKM

Lab ID: 2503879-02 **Collected By:** Client **Sampled:** 02/04/25 09:19 **Received:** 02/04/25 13:15
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	<0.02	mg/L	0.02	EPA 350.1 Rev 2.0	02/05/25		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/05/25 9:32		INW
Nitrate as N	1.74	mg/L	1.00	EPA 300.0 Rev 2.1	02/04/25 14:55		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/04/25 14:55		NJG
Nitrate+Nitrite as N	<1.84	mg/L	1.10	CALCULATED	02/04/25 14:55		NJG
Nitrogen, Total	<2.45	mg/L	1.60	CALCULATED	02/09/25 15:53		JMW
Nitrogen, Total Kjeldahl (TKN)	0.61	mg/L	0.50	EPA 351.2 Rev 2.0	02/09/25		JMW
Phosphorus as P, Total	0.37	mg/L	0.01	SM 4500-P F	02/05/25		SNF
Solids, Total Suspended	3	mg/L	1	SM 2540 D	02/05/25		BKM

Lab ID: 2503879-03 **Collected By:** Client **Sampled:** 02/04/25 09:24 **Received:** 02/04/25 13:15
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	76	CFU/100mL	2	SM 9222 D	2/4/25 15:34	2/5/25 13:40		MAC

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2503879-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B0266	02/05/2025		SNF

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2504644
Report: 02/12/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2504644-01 **Collected By:** Client **Sampled:** 02/05/25 09:13 **Received:** 02/05/25 14:30
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	227	mg/L	13.3	SM 5210 B	02/06/25 9:26	BS1	INW
Solids, Total Suspended	96	mg/L	1	SM 2540 D	02/07/25		ALD

Lab ID: 2504644-02 **Collected By:** Client **Sampled:** 02/05/25 10:27 **Received:** 02/05/25 14:30
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.05	mg/L	0.02	EPA 350.1 Rev 2.0	02/06/25		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/06/25 10:43		INW
Nitrate as N	1.51	mg/L	1.00	EPA 300.0 Rev 2.1	02/05/25 18:35		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/05/25 18:35		NJG
Nitrate+Nitrite as N	<1.61	mg/L	1.10	CALCULATED	02/05/25 18:35		NJG
Nitrogen, Total	<2.19	mg/L	1.60	CALCULATED	02/09/25 20:44		JMW
Nitrogen, Total Kjeldahl (TKN)	0.58	mg/L	0.50	EPA 351.2 Rev 2.0	02/09/25		JMW
Phosphorus as P, Total	0.18	mg/L	0.01	SM 4500-P F	02/06/25		SNF
Solids, Total Suspended	3	mg/L	1	SM 2540 D	02/07/25		ALD

Lab ID: 2504644-03 **Collected By:** Client **Sampled:** 02/05/25 10:27 **Received:** 02/05/25 14:30
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	72	CFU/100mL	2	SM 9222 D	2/5/25 15:15	2/6/25 13:27		MAC

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2504644-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B0347	02/06/2025		SNF

Notes and Definitions

BS1 The blank spike recovery was above acceptance limits. Results may be biased high.

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2504888
Report: 02/19/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2504888-01 **Collected By:** Client **Sampled:** 02/11/25 08:49 **Received:** 02/11/25 14:15
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	154	mg/L	13.3	SM 5210 B	02/12/25 10:14		INW
Solids, Total Suspended	78	mg/L	1	SM 2540 D	02/12/25		ALD

Lab ID: 2504888-02 **Collected By:** Client **Sampled:** 02/11/25 10:39 **Received:** 02/11/25 14:15
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.03	mg/L	0.02	EPA 350.1 Rev 2.0	02/11/25	MS2	KMS
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/12/25 10:23		INW
Nitrate as N	1.45	mg/L	1.00	EPA 300.0 Rev 2.1	02/11/25 18:59		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/11/25 18:59		NJG
Nitrate+Nitrite as N	<1.55	mg/L	1.10	CALCULATED	02/11/25 18:59		NJG
Nitrogen, Total	<2.11	mg/L	1.60	CALCULATED	02/12/25 18:18		SNF
Nitrogen, Total Kjeldahl (TKN)	0.56	mg/L	0.50	EPA 351.2 Rev 2.0	02/12/25		SNF
Phosphorus as P, Total	0.15	mg/L	0.01	SM 4500-P F	02/11/25		KMS
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	02/12/25		ALD

Lab ID: 2504888-03 **Collected By:** Client **Sampled:** 02/11/25 10:39 **Received:** 02/11/25 14:15
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	50	CFU/100mL	2	SM 9222 D	2/11/25 15:37	2/12/25 13:39		MAC

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2504888-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B0669	02/11/2025		KMS

Notes and Definitions

MS2 The matrix spike recovery was below acceptance limits.

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2505615
Report: 02/19/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2505615-01 **Collected By:** Client **Sampled:** 02/12/25 09:23 **Received:** 02/12/25 13:40
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	81.3	mg/L	13.3	SM 5210 B	02/13/25 11:00		KMD
Solids, Total Suspended	60	mg/L	1	SM 2540 D	02/13/25		ALD

Lab ID: 2505615-02 **Collected By:** Client **Sampled:** 02/12/25 11:02 **Received:** 02/12/25 13:40
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.05	mg/L	0.02	EPA 350.1 Rev 2.0	02/13/25		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/13/25 10:34		LEH
Nitrate as N	1.51	mg/L	1.00	EPA 300.0 Rev 2.1	02/12/25 15:53		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/12/25 15:53		NJG
Nitrate+Nitrite as N	<1.61	mg/L	1.10	CALCULATED	02/12/25 15:53		NJG
Nitrogen, Total	<2.12	mg/L	1.60	CALCULATED	02/18/25 11:57		SNF
Nitrogen, Total Kjeldahl (TKN)	0.51	mg/L	0.50	EPA 351.2 Rev 2.0	02/18/25		SNF
Phosphorus as P, Total	0.09	mg/L	0.01	SM 4500-P F	02/13/25		SNF
Solids, Total Suspended	1	mg/L	1	SM 2540 D	02/13/25		ALD

Lab ID: 2505615-03 **Collected By:** Client **Sampled:** 02/12/25 11:02 **Received:** 02/12/25 13:40
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	10	CFU/100mL	2	SM 9222 D	2/12/25 15:31	2/13/25 13:32		MAC

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2505615-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B0828	02/13/2025		SNF

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2505820
Report: 02/26/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2505820-01 **Collected By:** Client **Sampled:** 02/18/25 09:03 **Received:** 02/18/25 13:55
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	96.2	mg/L	13.3	SM 5210 B	02/19/25 9:58		INW
Solids, Total Suspended	128	mg/L	1	SM 2540 D	02/19/25		ALD

Lab ID: 2505820-02 **Collected By:** Client **Sampled:** 02/18/25 11:18 **Received:** 02/18/25 13:55
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.06	mg/L	0.02	EPA 350.1 Rev 2.0	02/19/25		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/19/25 9:38		INW
Nitrate as N	1.35	mg/L	1.00	EPA 300.0 Rev 2.1	02/18/25 18:09		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/18/25 18:09		NJG
Nitrate+Nitrite as N	<1.45	mg/L	1.10	CALCULATED	02/18/25 18:09		NJG
Nitrogen, Total	<2.42	mg/L	1.60	CALCULATED	02/21/25 8:56		SNF
Nitrogen, Total Kjeldahl (TKN)	0.97	mg/L	0.50	EPA 351.2 Rev 2.0	02/21/25		SNF
Phosphorus as P, Total	0.21	mg/L	0.01	SM 4500-P F	02/19/25		SNF
Solids, Total Suspended	5	mg/L	1	SM 2540 D	02/19/25		ALD

Lab ID: 2505820-03 **Collected By:** Client **Sampled:** 02/18/25 11:18 **Received:** 02/18/25 13:55
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	2/18/25 16:18	2/19/25 14:19		MAC

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2505820-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B1221	02/19/2025		SNF

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2506523
Report: 02/26/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2506523-01 **Collected By:** Client **Sampled:** 02/19/25 09:44 **Received:** 02/19/25 13:20
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	138	mg/L	13.3	SM 5210 B	02/20/25 10:25	B-04	INW
Solids, Total Suspended	90	mg/L	1	SM 2540 D	02/20/25		ALD

Lab ID: 2506523-02 **Collected By:** Client **Sampled:** 02/19/25 10:22 **Received:** 02/19/25 13:20
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.11	mg/L	0.02	EPA 350.1 Rev 2.0	02/20/25		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/20/25 11:01		KMD
Nitrate as N	1.57	mg/L	1.00	EPA 300.0 Rev 2.1	02/19/25 14:11		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/19/25 14:11		NJG
Nitrate+Nitrite as N	<1.67	mg/L	1.10	CALCULATED	02/19/25 14:11		NJG
Nitrogen, Total	<2.31	mg/L	1.60	CALCULATED	02/21/25 10:36		SNF
Nitrogen, Total Kjeldahl (TKN)	0.64	mg/L	0.50	EPA 351.2 Rev 2.0	02/21/25		SNF
Phosphorus as P, Total	0.09	mg/L	0.01	SM 4500-P F	02/20/25		SNF
Solids, Total Suspended	2	mg/L	1	SM 2540 D	02/20/25		ALD

Lab ID: 2506523-03 **Collected By:** Client **Sampled:** 02/19/25 10:22 **Received:** 02/19/25 13:20
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	15	CFU/100mL	2	SM 9222 D	2/19/25 14:15	2/20/25 13:06		JMW

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2506523-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B1351	02/20/2025		SNF

Notes and Definitions

B-04 The difference between the highest and lowest results were greater than 30%.

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2500683
Report: 03/04/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2500683-01 **Collected By:** Client **Sampled:** 02/25/25 09:16 **Received:** 02/25/25 12:10
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	134	mg/L	13.3	SM 5210 B	02/26/25 10:25	B-04	INW
Solids, Total Suspended	66	mg/L	1	SM 2540 D	02/26/25		ALD

Lab ID: 2500683-02 **Collected By:** Client **Sampled:** 02/25/25 09:26 **Received:** 02/25/25 12:10
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	<0.02	mg/L	0.02	EPA 350.1 Rev 2.0	02/25/25		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/26/25 10:35	B-01, BS1	LEH
Nitrate as N	1.50	mg/L	1.00	EPA 300.0 Rev 2.1	02/25/25 13:56		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/25/25 13:56		NJG
Nitrate+Nitrite as N	<1.60	mg/L	1.10	CALCULATED	02/25/25 13:56		NJG
Nitrogen, Total	<2.10	mg/L	1.60	CALCULATED	02/26/25 20:56		SNF
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	02/26/25		SNF
Phosphorus as P, Total	0.08	mg/L	0.01	SM 4500-P F	02/25/25		SNF
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	02/26/25		ALD

Lab ID: 2500683-03 **Collected By:** Client **Sampled:** 02/25/25 09:26 **Received:** 02/25/25 12:10
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	2/25/25 13:13	2/26/25 13:40		JMW

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2500683-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B1685	02/25/2025		SNF

Notes and Definitions

B-01 The dissolved oxygen depletion for the dilution water blank was greater than 0.2 mg/L.

B-04 The difference between the highest and lowest results were greater than 30%.

BS1 The blank spike recovery was above acceptance limits. Results may be biased high.

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2507678
Report: 03/05/25
Lab Contact: Jade S Eversole

Attention: Kodi Webb
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2507678-01 **Collected By:** Client **Sampled:** 02/26/25 08:05 **Received:** 02/26/25 12:47
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	127	mg/L	13.3	SM 5210 B	02/27/25 9:42	BS1	INW
Solids, Total Suspended	104	mg/L	1	SM 2540 D	02/27/25	D1	ALD

Lab ID: 2507678-02 **Collected By:** Client **Sampled:** 02/26/25 08:31 **Received:** 02/26/25 12:47
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	<0.02	mg/L	0.02	EPA 350.1 Rev 2.0	02/27/25		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	02/27/25 9:56	BS1	INW
Nitrate as N	1.50	mg/L	1.00	EPA 300.0 Rev 2.1	02/26/25 16:22		NJG
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	02/26/25 16:22		NJG
Nitrate+Nitrite as N	<1.60	mg/L	1.10	CALCULATED	02/26/25 16:22		NJG
Nitrogen, Total	<2.10	mg/L	1.60	CALCULATED	02/28/25 16:01		SNF
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	02/28/25		SNF
Phosphorus as P, Total	0.07	mg/L	0.01	SM 4500-P F	02/27/25		SNF
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	02/27/25		ALD

Lab ID: 2507678-03 **Collected By:** Client **Sampled:** 02/26/25 09:30 **Received:** 02/26/25 12:47
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	18	CFU/100mL	2	SM 9222 D	2/26/25 14:10	2/27/25 13:21		MAC

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2507678-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B1833	02/27/2025		SNF

Notes and Definitions

BS1 The blank spike recovery was above acceptance limits. Results may be biased high.

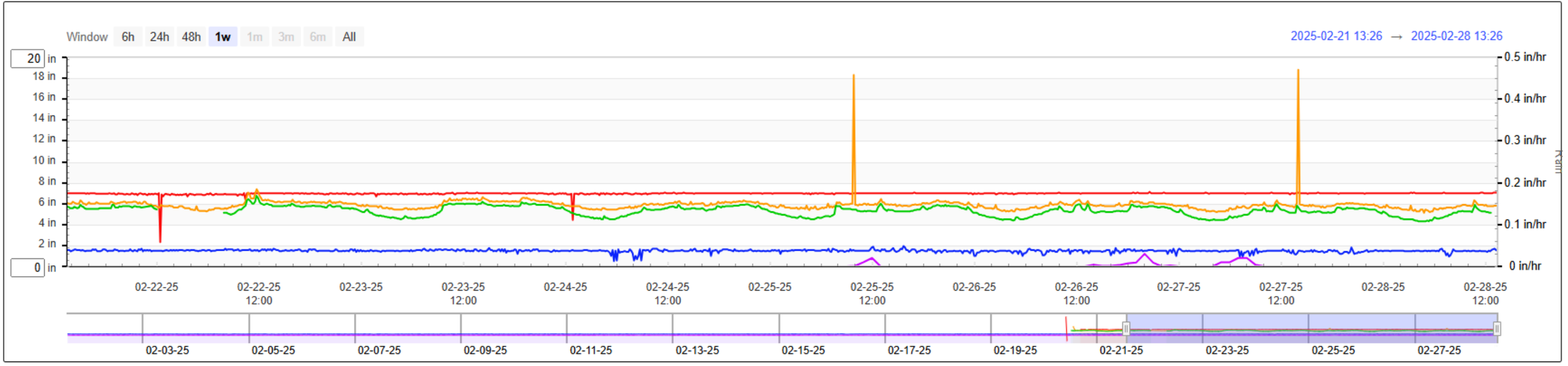
D1 The duplicate RPD was above acceptance limits.

Veolia North America Middletown

SMARTCOVER® SEWER INTELLIGENCE®

Map | SmartTrend® | Alarms and Alerts | System Operations | Multi Charts | Reports | Support

Static Charts



Time Period: Custom

Date Range: 2025-02-01 13:26 - 2025-02-28 13:26

Long Filter: No Filter

Update Chart

Download Data

Locations

301-MH-332	Water Level above Bottom	
301-MH-475A	Water Level above Bottom	
MH-286	Water Level above Bottom	
MH-290	Water Level above Bottom	
[RAIN] Mill Street-Hoffer Park	Rain	Total: 0.16 in

Chart up to 5 data series by selecting additional locations & their data types.

APPENDIX 2

DRINKING WATER

MIDDLETOWN WATER SYSTEM
MONTHLY SAFE DRINKING WATER ACT
COMPLIANCE REPORT
AND CORRESPONDENCE WITH PADEP

&

SUSQUEHANNA RIVER BASIN COMMISSION
QUARTERLY WATER WITHDRAWAL REPORT AND
CORRESPONDENCE

Monthly Water Pumped

Middletown Borough Authority

February, 2025								
	Maximum Day	1,094,734					Days pumped	28
	Minimum Day	823,997						
Date	**Well No.1**	**Well No.2**	**Well No.3**	**Well No.4**	**Well No.5**	**Well No.6**	**Total**	**Union Booster**
01	416,743	268,839		86,311	264,726	3,546	1,040,165	
02	427,986	268,562		93,038	271,388		1,060,974	
03	366,017	267,598		92,320	232,033	136,766	1,094,734	
04	189,322	271,709		91,947	119,984	290,576	963,538	
05	270,816	273,731		90,584	7,952	382,441	1,025,524	
06	187,674	277,981		91,759	121,615	305,884	984,913	
07	181,899	280,320		91,714	116,650	296,251	966,834	
08	215,662	281,526		91,736	137,708	350,221	1,076,853	
09	203,541	281,467		91,395	129,933	328,895	1,035,231	
10	178,084	283,366		91,487	113,999	288,048	954,984	
11	184,203	283,937		91,563	117,292	296,365	973,360	
12	182,040	284,826		91,628	116,022	293,145	967,661	
13	189,107	285,090		91,567	120,995	305,299	992,058	
14	168,927	286,497		91,531	107,888	272,821	927,664	
15	183,164	286,923		91,635	99,603	296,150	957,475	
16	188,284	287,298		91,723	121,247	305,273	993,825	
17	178,785	288,593		91,748	114,970	289,524	963,620	
18	165,695	290,530		91,813	106,868	271,772	926,678	
19	174,705	292,598		91,925	111,236	282,014	952,478	
20	171,882	294,518		91,957	109,088	277,286	944,731	
21	171,848	295,414		91,929	109,254	277,414	945,859	
22	172,820	295,924		91,977	110,086	279,927	950,734	
23	186,057	295,862		91,974	118,877	301,397	994,167	
24	171,835	296,156		91,876	110,033	279,317	949,217	
25	201,139	294,912		88,927	129,041	233,655	947,674	
26	151,823	296,176		92,469	97,425	248,902	886,795	
27	147,442	296,195		92,296	87,482	242,585	866,000	
28	132,596	294,348		92,279	85,552	219,222	823,997	
Totals:	5,760,096	8,000,896		2,563,108	3,488,947	7,354,696	27,167,743	
Maximum	427,986	296,195		93,038	271,388	382,441	1,094,734	
Minimum	132,596	267,598		86,311	7,952	3,546	823,997	
Average	205,718	285,746		91,540	124,605	272,396	970,277	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1			03 Compliance Sampling Log	4.00 Distribution System Monitoring\DS-000 Generic Sample Location												
2				400000	400007	400008	400011	400012	400013	400014	400015	400016	400017	400018	400019	400020
3				DS-000: Contractual Weekly Distribution	pH	Temperature	Hardness	Alkalinity (CaCO3)	Calcium	Phosphorus, Total	Silicates	Iron, Total	Manganese, Total	TDS	Specific Conductance	Langlier Index
4				Date	SU	Deg C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	umhos/Cm2	LSI
5	Feb	1 Sat														
6		2 Sun														
7		3 Mon														
8		4 Tue		2-4-25	7.80	10.0	349.0	194.00	106.00	0.06	24.40	<0.02	<0.01	227.00	790.00	7.80
9		5 Wed														
10		6 Thu														
11		7 Fri														
12		8 Sat														
13		9 Sun														
14		10 Mon														
15		11 Tue		2-11-25	7.80	10.0	349.0	189.00	107.00	0.05	24.10	<0.02	<0.01	234.00	755.00	7.80
16		12 Wed														
17		13 Thu														
18		14 Fri														
19		15 Sat														
20		16 Sun														
21		17 Mon														
22		18 Tue		2-18-25	7.70	8.0	359.0	196.00	109.00	0.06	22.10	<0.02	<0.00	240.00	771.00	7.70
23		19 Wed														
24		20 Thu														
25		21 Fri														
26		22 Sat														
27		23 Sun														
28		24 Mon														
29		25 Tue		2-25-25	7.70	9.0	359.0	194.00	110.00	0.06	23.30	<0.02	<0.01	238.00	751.00	7.70
30		26 Wed														
31		27 Thu														
32		28 Fri														
34	MINIMUM			2-11-25	7.70	8.0	349.0	189.00	106.00	0.05	22.10	<0.02	<0.00	227.00	751.00	7.70
35	MAXIMUM			2-4-25	7.80	10.0	359.0	196.00	110.00	0.06	24.40	<0.02	<0.01	240.00	790.00	7.80
36	AVERAGE			1	7.75	9.3	354.0	193.25	108.00	0.06	23.48	<0.02	<0.01	234.75	766.75	3.16
37	SUM			4	31.00	37.0	1,416.0	773.00	432.00	0.23	93.90	<0.08	<0.03	939.00	3,067.00	12.65

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2503883
Reported: 02/10/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: Feb,Apr,Jun,Aug,Oct,Dec Week 1
7220038

Lab ID: 2503883-01 **Collected By:** Client **Sampled:** 02/04/25 08:57 **Received:** 02/04/25 13:15
Sample Desc: 701 Middletown WWTP **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 701

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/4/25 15:08	2/5/25 9:29		JMW	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/4/25 15:08	2/5/25 9:29		JMW	N/A	1

Lab ID: 2503883-02 **Collected By:** Client **Sampled:** 02/04/25 08:27 **Received:** 02/04/25 13:15
Sample Desc: 703 North Union Street Booster Station **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 703

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/4/25 15:47	2/5/25 10:53		JMW	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/4/25 15:47	2/5/25 10:53		JMW	N/A	1

Lab ID: 2503883-03 **Collected By:** Client **Sampled:** 02/04/25 08:44 **Received:** 02/04/25 13:15
Sample Desc: 707 Main St / Catherine St Hydrant **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 707

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/4/25 15:08	2/5/25 9:29		JMW	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/4/25 15:08	2/5/25 9:29		JMW	N/A	1

Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
2503883-01			
SM 9223 B	Colilert-18	02/04/2025	JMW
2503883-02			
SM 9223 B	Colilert-18	02/04/2025	JMW
2503883-03			
SM 9223 B	Colilert-18	02/04/2025	JMW

7220038: VEOLIA MIDDLETOWN

SDWA1

PWSID	Contam ID	Contam	Analysis Method	Result	Analysis Date	Location ID 1	Location ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	012225	701		012125	D	0900	06003	2501793-01	KISTLERC_492
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	020525	701		020425	D	0857	06003	2503883-01	KISTLERC_1375
7220038	3114	E. COLIFORM PRESENCE	331	0.0	020525	701		020425	D	0857	06003	2503883-01	KISTLERC_1403
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	012225	703		012125	D	0820	06003	2501793-02	KISTLERC_493
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	020525	703		020425	D	0827	06003	2503883-02	KISTLERC_1376
7220038	3114	E. COLIFORM PRESENCE	331	0.0	020525	703		020425	D	0827	06003	2503883-02	KISTLERC_1404
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	011525	704		011425	D	0855	06003	2500685-01	KISTLERC_162
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	012925	704		012825	D	0924	06003	2502950-01	KISTLERC_872
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	011525	705		011425	D	0825	06003	2500685-02	KISTLERC_163
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	012925	705		012825	D	0812	06003	2502950-02	KISTLERC_873
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	012225	707		012125	D	0845	06003	2501793-03	KISTLERC_494
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	020525	707		020425	D	0844	06003	2503883-03	KISTLERC_1377
7220038	3114	E. COLIFORM PRESENCE	331	0.0	020525	707		020425	D	0844	06003	2503883-03	KISTLERC_1405

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_929
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_941

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_953
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_965
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_977
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_989
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1001
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1013
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1025
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1037
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1049
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1061
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1073
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1085
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1097
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0082	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1109
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1121
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1133
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1145
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1157
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		011725	006		011425	R	1303	06003	2456316-02	KISTLERC_1169

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2503882
Reported: 02/10/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: DW-Weekly WWTP Water Lab Sink
7220038

Lab ID: 2503882-01 **Collected By:** Client **Sampled:** 02/04/25 08:59 **Received:** 02/04/25 13:15
Sample Desc: WWTP Lab Sink **Sample Type:** Grab
Notes:

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max		Pass/ Fail
General Chemistry										
Alkalinity, Total to pH 4.5	194	mg CaCO3/ L	20	SM 2320 B	02/05/25		ORL	N/A	N/A	
Total Hardness as CaCO3	349	mg/L	4.56	CALCULATED	02/05/25		HRG	N/A	N/A	
Phosphorus as P, Total	0.06	mg/L	0.01	SM 4500-P F	02/06/25		SNF	N/A	N/A	
Silica as SiO2	24.4	mg/L	2.14	CALCULATED	02/05/25		HRG	N/A	N/A	
Conductivity	790	umhos/cm	10	SM 2510 B	02/06/25		ORL	N/A	N/A	
Total Metals										
Calcium	106	mg/L	1	EPA 200.7 Rev 4.4	02/05/25		HRG	N/A	N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	02/05/25		HRG	N/A	0.3	PASS
Magnesium	20.5	mg/L	0.5	EPA 200.7 Rev 4.4	02/05/25		HRG	N/A	N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	02/05/25		MPB	N/A	0.05	PASS
Silicon	11.4	mg/L	1.0	EPA 200.7 Rev 4.4	02/05/25		HRG	N/A	N/A	

Notes and Definitions

Pass Result less than or equal to EPA maximum contaminant level.
Fail Result greater than EPA maximum contaminant level.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2503882-01					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B0358	02/06/2025		SNF

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2503881
Reported: 02/21/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: DW-Quarterly VOCS
7220038

Lab ID: 2503881-01 **Collected By:** Client
Sample Desc: 106 Entry Point Well #6
Notes:

Sampled: 02/10/25 12:31
PWSID: 7220038

Received: 02/11/25 14:15
PADEP Type: E-Entry Point
Loc ID: 106

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Volatiles									
1,1,1-Trichloroethane	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.2
1,1,2-Trichloroethane	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
1,1-Dichloroethene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.007
1,2,4-Trichlorobenzene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.07
1,2-Dichlorobenzene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.6
1,2-Dichloroethane	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
1,2-Dichloropropane	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
1,4-Dichlorobenzene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.075
Benzene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
Carbon Tetrachloride	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
Chlorobenzene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.1
Cis-1,2-Dichloroethene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.07
Ethylbenzene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.7
Methylene Chloride (Dichloromethane)	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
Styrene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.1
Tetrachloroethene (PCE)	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
Toluene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	1
Trans-1,2-Dichloroethene	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.1
Trichloroethene (TCE)	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.005
Vinyl Chloride	<0.0005	mg/L	0.0005	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	0.002
Xylenes, Total	<0.0010	mg/L	0.0010	EPA 524.2 Rev 4.1	02/12/25		WJS	N/A	10
Surrogates									
1,2-Dichlorobenzene-d4	*88.6%*		*70-130*	*EPA 524.2 Rev 4.1*	02/12/25		WJS		
4-Bromofluorobenzene	*97.4%*		*70-130*	*EPA 524.2 Rev 4.1*	02/12/25		WJS		

7220038: VEOLIA MIDDLETOWN

SDWA1

PWSID	Contam ID	Contam	Analysis Method	Result	Analysis Date	Location ID 1	Location ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	701		021825	D	0929	06003	2505822-01	KISTLERC_1175
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	701		021825	D	0929	06003	2505822-01	KISTLERC_1259
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	703		021825	D	0836	06003	2505822-02	KISTLERC_1176
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	703		021825	D	0836	06003	2505822-02	KISTLERC_1260
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_533
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_589
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_534
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	705		021825	D	0916	06003	2505822-03	KISTLERC_1177
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_590
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	705		021825	D	0916	06003	2505822-03	KISTLERC_1261

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1487
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1497
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1507
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1515
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1523

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1531
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1539
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1547
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1555
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1563
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1571
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1579
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1587
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1597
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1605
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1615
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1623
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1631
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1639
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1647
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1655

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2504890
Reported: 02/18/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: Feb,Apr,Jun,Aug,Oct,Dec Week 2
7220038

Lab ID: 2504890-01 **Collected By:** Client **Sampled:** 02/11/25 09:06 **Received:** 02/11/25 14:15
Sample Desc: 704 Village of Pineford Office **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 704

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/11/25 16:43	2/12/25 10:54		MAC	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/11/25 16:43	2/12/25 10:54		MAC	N/A	1

Lab ID: 2504890-02 **Collected By:** Client **Sampled:** 02/11/25 08:39 **Received:** 02/11/25 14:15
Sample Desc: 705 High Street Standpipe **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 705

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/11/25 16:13	2/12/25 10:34		MAC	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/11/25 16:13	2/12/25 10:34		MAC	N/A	1

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2504890-01					
Microbiology					
SM 9223 B	Colilert-18	B5B0684	02/11/2025		MAC
2504890-02					
Microbiology					
SM 9223 B	Colilert-18	B5B0679	02/11/2025		MAC

Department of Environmental Protection

E-Government Application for Drinking Water Program

SAFE DRINKING WATER ACT

VIEW/EDIT RECORDS

7220038: VEOLIA MIDDLETOWN

SDWA1

PWSID	Contam ID	Contam	Analysis Method	Result	Analysis Date	Location ID 1	Location ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_533
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_589
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_534
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_590

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2504889
Reported: 02/21/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: DW-Weekly WWTP Water Lab Sink
7220038

Lab ID: 2504889-01 **Collected By:** Client **Sampled:** 02/11/25 09:28 **Received:** 02/11/25 14:15
Sample Desc: WWTP Lab Sink **Sample Type:** Grab
Notes:

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max		Pass/ Fail
General Chemistry										
Alkalinity, Total to pH 4.5	189	mg CaCO3/ L	20	SM 2320 B	02/13/25		NJG	N/A	N/A	
Total Hardness as CaCO3	349	mg/L	4.56	CALCULATED	02/13/25		HRG	N/A	N/A	
Phosphorus as P, Total	0.05	mg/L	0.01	SM 4500-P F	02/13/25		SNF	N/A	N/A	
Silica as SiO2	24.1	mg/L	2.14	CALCULATED	02/13/25		HRG	N/A	N/A	
Conductivity	755	umhos/cm	10	SM 2510 B	02/13/25		NJG	N/A	N/A	
Total Metals										
Calcium	107	mg/L	1	EPA 200.7 Rev 4.4	02/13/25		HRG	N/A	N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	02/13/25		HRG	N/A	0.3	PASS
Magnesium	20.0	mg/L	0.5	EPA 200.7 Rev 4.4	02/13/25		HRG	N/A	N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	02/12/25		MPB	N/A	0.05	PASS
Silicon	11.3	mg/L	1.0	EPA 200.7 Rev 4.4	02/13/25		HRG	N/A	N/A	

Notes and Definitions

Pass Result less than or equal to EPA maximum contaminant level.
Fail Result greater than EPA maximum contaminant level.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2504889-01					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B0838	02/13/2025		SNF

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2505822
Reported: 02/24/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: Feb,Apr,Jun,Aug,Oct,Dec Week 3
7220038

Lab ID: 2505822-01 **Collected By:** Client **Sampled:** 02/18/25 09:29 **Received:** 02/18/25 13:55
Sample Desc: 701 Middletown WWTP **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 701

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/18/25 15:15	2/19/25 9:18		JMW	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/18/25 15:15	2/19/25 9:18		JMW	N/A	1

Lab ID: 2505822-02 **Collected By:** Client **Sampled:** 02/18/25 08:36 **Received:** 02/18/25 13:55
Sample Desc: 703 North Union Street Booster Station **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 703

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/18/25 15:15	2/19/25 9:18		JMW	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/18/25 15:15	2/19/25 9:18		JMW	N/A	1

Lab ID: 2505822-03 **Collected By:** Client **Sampled:** 02/18/25 09:16 **Received:** 02/18/25 13:55
Sample Desc: 705 High St Tank **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 705

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/18/25 15:15	2/19/25 9:18		JMW	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/18/25 15:15	2/19/25 9:18		JMW	N/A	1

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2505822-01					
Microbiology					
SM 9223 B	Colilert-18	B5B1143	02/18/2025		JMW
2505822-02					
Microbiology					
SM 9223 B	Colilert-18	B5B1143	02/18/2025		JMW
2505822-03					
Microbiology					
SM 9223 B	Colilert-18	B5B1143	02/18/2025		JMW

7220038: VEOLIA MIDDLETOWN

SDWA1

PWSID	Contam ID	Contam	Analysis Method	Result	Analysis Date	Location ID 1	Location ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	701		021825	D	0929	06003	2505822-01	KISTLERC_1175
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	701		021825	D	0929	06003	2505822-01	KISTLERC_1259
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	703		021825	D	0836	06003	2505822-02	KISTLERC_1176
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	703		021825	D	0836	06003	2505822-02	KISTLERC_1260
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_533
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_589
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_534
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	705		021825	D	0916	06003	2505822-03	KISTLERC_1177
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_590
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	705		021825	D	0916	06003	2505822-03	KISTLERC_1261

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1487
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1497
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1507
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1515
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1523

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1531
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1539
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1547
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1555
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1563
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1571
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1579
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1587
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1597
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1605
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1615
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1623
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1631
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1639
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1647
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1655

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2505821
Reported: 02/27/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: DW-Weekly WWTP Water Lab Sink
7220038

Lab ID: 2505821-01 **Collected By:** Client **Sampled:** 02/18/25 09:31 **Received:** 02/18/25 13:55
Sample Desc: WWTP Lab Sink **Sample Type:** Grab
Notes:

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max		Pass/ Fail
General Chemistry										
Alkalinity, Total to pH 4.5	196	mg CaCO3/ L	20	SM 2320 B	02/20/25		NJG	N/A	N/A	
Total Hardness as CaCO3	359	mg/L	4.56	CALCULATED	02/19/25		JAF	N/A	N/A	
Phosphorus as P, Total	0.06	mg/L	0.01	SM 4500-P F	02/19/25		SNF	N/A	N/A	
Silica as SiO2	22.1	mg/L	2.14	CALCULATED	02/24/25		JAF	N/A	N/A	
Conductivity	771	umhos/cm	10	SM 2510 B	02/24/25		ORL	N/A	N/A	
Total Metals										
Calcium	109	mg/L	1	EPA 200.7 Rev 4.4	02/19/25		JAF	N/A	N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	02/24/25		HRG	N/A	0.3	PASS
Magnesium	21.1	mg/L	0.5	EPA 200.7 Rev 4.4	02/19/25		JAF	N/A	N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	02/19/25		MPB	N/A	0.05	PASS
Silicon	10.3	mg/L	1.0	EPA 200.7 Rev 4.4	02/24/25		JAF	N/A	N/A	

Notes and Definitions

Pass Result less than or equal to EPA maximum contaminant level.
Fail Result greater than EPA maximum contaminant level.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2505821-01					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B1208	02/19/2025		SNF

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2506821
Reported: 03/03/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: Feb,Apr,Jun,Aug,Oct,Dec Week 4
7220038

Lab ID: 2506821-01 **Collected By:** Client **Sampled:** 02/25/25 08:40 **Received:** 02/25/25 12:10
Sample Desc: 704 Village of Pineford Office **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 704

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/25/25 16:12	2/26/25 10:20		MAC	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/25/25 16:12	2/26/25 10:20		MAC	N/A	1

Lab ID: 2506821-02 **Collected By:** Client **Sampled:** 02/25/25 08:14 **Received:** 02/25/25 12:10
Sample Desc: 705 High Street Standpipe **PADEP Type:** D-Distribution
Notes: **PWSID:** 7220038 **Loc ID:** 705

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Microbiology										
Escherichia coli	Absent	/100mL	1.00	SM 9223 B	2/25/25 14:13	2/26/25 8:44		MAC	N/A	1
Total Coliform	Absent	/100mL	1.00	SM 9223 B	2/25/25 14:13	2/26/25 8:44		MAC	N/A	1

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2506821-01					
Microbiology					
SM 9223 B	Colilert-18	B5B1707	02/25/2025		MAC
2506821-02					
Microbiology					
SM 9223 B	Colilert-18	B5B1682	02/25/2025		MAC

7220038: VEOLIA MIDDLETOWN

SDWA1

PWSID	Contam ID	Contam	Analysis Method	Result	Analysis Date	Location ID 1	Location ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	701		021825	D	0929	06003	2505822-01	KISTLERC_1175
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	701		021825	D	0929	06003	2505822-01	KISTLERC_1259
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	703		021825	D	0836	06003	2505822-02	KISTLERC_1176
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	703		021825	D	0836	06003	2505822-02	KISTLERC_1260
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_533
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	022625	704		022525	D	0840	06003	2506821-01	KISTLERC_2017
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	704		021125	D	0906	06003	2504890-01	KISTLERC_589
7220038	3114	E. COLIFORM PRESENCE	331	0.0	022625	704		022525	D	0840	06003	2506821-01	KISTLERC_2033
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_534
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	021925	705		021825	D	0916	06003	2505822-03	KISTLERC_1177
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	022625	705		022525	D	0814	06003	2506821-02	KISTLERC_2018
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021225	705		021125	D	0839	06003	2504890-02	KISTLERC_590
7220038	3114	E. COLIFORM PRESENCE	331	0.0	021925	705		021825	D	0916	06003	2505822-03	KISTLERC_1261
7220038	3114	E. COLIFORM PRESENCE	331	0.0	022625	705		022525	D	0814	06003	2506821-02	KISTLERC_2034

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1487

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1497
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1507
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1515
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1523
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1531
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1539
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1547
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1555
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1563
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1571
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1579
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1587
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1597
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1605
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1615
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1623
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1631
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1639
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1647
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		021225	106		021025	E	1231	06003	2503881-01	KISTLERC_1655

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Laboratory No.: 2506820
Reported: 03/03/25
Lab Contact: Christina M Kistler

Attention: Chris Hannan
Reported To: Veolia Middletown
453 S. Lawrence St.
Middletown, PA 17057

Project: DW-Weekly WWTP Water Lab Sink
7220038

Lab ID: 2506820-01 **Collected By:** Client **Sampled:** 02/25/25 09:07 **Received:** 02/25/25 12:10
Sample Desc: WWTP Lab Sink **Sample Type:** Grab
Notes:

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max		Pass/ Fail
General Chemistry										
Alkalinity, Total to pH 4.5	194	mg CaCO3/ L	20	SM 2320 B	02/26/25		ORL	N/A	N/A	
Total Hardness as CaCO3	359	mg/L	4.56	CALCULATED	02/27/25		HRG	N/A	N/A	
Phosphorus as P, Total	0.06	mg/L	0.01	SM 4500-P F	02/28/25		SNF	N/A	N/A	
Silica as SiO2	23.3	mg/L	2.14	CALCULATED	02/27/25		HRG	N/A	N/A	
Conductivity	751	umhos/cm	10	SM 2510 B	02/26/25		ORL	N/A	N/A	
Total Metals										
Calcium	110	mg/L	1	EPA 200.7 Rev 4.4	02/27/25		HRG	N/A	N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	02/26/25		HRG	N/A	0.3	PASS
Magnesium	20.6	mg/L	0.5	EPA 200.7 Rev 4.4	02/27/25		HRG	N/A	N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	02/26/25		MPB	N/A	0.05	PASS
Silicon	10.9	mg/L	1.0	EPA 200.7 Rev 4.4	02/27/25		HRG	N/A	N/A	

Notes and Definitions

Pass Result less than or equal to EPA maximum contaminant level.
Fail Result greater than EPA maximum contaminant level.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2506820-01					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5B1835	02/27/2025		SNF

Ammerman, Micah <micah.ammerman@veolia.com>

Data Added Successfully by HANNANJ

1 message

ra-padwis@pa.gov <ra-padwis@pa.gov> 6 March 2025 at 10:24
To: Micah.Ammerman@veolia.com

HANNANJ successfully added data to DWELR on 03/06/25 at 10:24 AM. Form: SDWA1.

Form Type	User	LabID	PWSID	ContamID	Pre_ID	Loc_Epid	Sample Date
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_197	701	020425
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_198	703	020425
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_199	707	020425
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_200	704	021125
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_201	705	021125
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_202	701	021825
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_203	703	021825
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_204	705	021825
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_205	704	022525
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_206	705	022525

Until the 11th of each month, you may obtain a copy of record by accessing the "Printer Friendly Version" of the View and Edit Records screen in DWELR. On or after the 12th of the month, you may view the sample results the Department has on file by accessing the Drinking Water Reporting System at http://www.drinkingwater.state.pa.us/dwrs/HTM/Welcome.html . If you see errors in the results which you submitted and would like to repudiate any of the results or wish to request a copy of record, please contact the PADWIS Section at 717-772-4018.

VEOLIA

Ammerman, Micah <micah.ammerman@veolia.com>

File Uploaded Successfully by HANNANJ

6 messages

ra-padwis@pa.gov <ra-padwis@pa.gov> 6 March 2025 at 10:11
To: Micah.Ammerman@veolia.com

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 100 Well No 1 (34).xls	HANNANJ	HANNANJ_29 through HANNANJ_56

Until the 11th of each month, you may obtain a copy of record by accessing the "Printer Friendly Version" of the View and Edit Records screen in DWELR. On or after the 12th of the month, you may view the sample results the Department has on file by accessing the Drinking Water Reporting System at http://www.drinkingwater.state.pa.us/dwrs/HTM/Welcome.html . If you see errors in the results which you submitted and would like to repudiate any of the results or wish to request a copy of record, please contact the PADWIS Section at 717-772-4018.

---

ra-padwis@pa.gov <ra-padwis@pa.gov> 6 March 2025 at 10:13
To: Micah.Ammerman@veolia.com

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 102 Well No 2 (34).xls	HANNANJ	HANNANJ_57 through HANNANJ_84

[Quoted text hidden]

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ra-padwis@pa.gov <ra-padwis@pa.gov> 6 March 2025 at 10:14
To: Micah.Ammerman@veolia.com

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 103 Well No 3 (34).xls	HANNANJ	HANNANJ_85 through HANNANJ_112

[Quoted text hidden]

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ra-padwis@pa.gov <ra-padwis@pa.gov> 6 March 2025 at 10:16
To: Micah.Ammerman@veolia.com

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 104 Well No 4 (34).xls	HANNANJ	HANNANJ_113 through HANNANJ_140

[Quoted text hidden]

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ra-padwis@pa.gov <ra-padwis@pa.gov> 6 March 2025 at 10:17
To: Micah.Ammerman@veolia.com

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 105 Well No 5 (34).xls	HANNANJ	HANNANJ_141 through HANNANJ_168

[Quoted text hidden]

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ra-padwis@pa.gov <ra-padwis@pa.gov> 6 March 2025 at 10:18
To: Micah.Ammerman@veolia.com

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 106 Well No 6 (35).xls	HANNANJ	HANNANJ_169 through HANNANJ_196

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APPENDIX 3
CUSTOMER SERVICE

MONTHLY CONSUMPTION, BILLING & TRANSACTION REPORTS

&

HOMESERVE REPORT

DATES: 2/01/2025 THRU 2/28/2025

	NUMBER#	TOTAL ARREARS	TOTAL CURRENT	TOTAL BALANCE
ACTIVE ACCOUNTS:	2,799	203,850.00	907,526.15	1,111,376.15
DISCONNECTED ACCTS:	16	2,139.39	901.12	3,040.51
FINALED ACCOUNTS:	443	18,799.29		18,799.29
INACTIVE ACCOUNTS:	12,679	0.00		0.00
GRAND TOTALS	15,937	224,788.68	908,427.27	1,133,215.95

ACTIVE ACCOUNT RECONCILIATION

NEW ACCOUNTS:	21
DISCONNECT--NO TRF:	16
DISCONNECT-TRANSFER:	0

CALCULATION SUMMARY

TOTAL CHARGES:	908,427.27
DEPOSIT RETURNS:	0.00
TOTAL CURRENT:	908,427.27

====== S E R V I C E C A T E G O R Y T O T A L S ======

CATEGORY	NUMBER	TOTAL NET	FUEL-ADJ	TOTAL TAX	TAXABLE	BILLED CONSUMPTION	UNBILLED CONSUMPTION	TOTAL CONSUMPTION
S SEWER	2736	534,641.51	0.00	0.00	0.00	17958,100.0000		17958,100.0000
SR SURCHARGE	5	0.00	0.00	0.00	0.00			
SR2 SURCHARGE 2	3	0.00	0.00	0.00	0.00			
SR3 SURCHARGE 3	2784	39,494.82	0.00	0.00	0.00			
W WATER	5421	334,290.94	0.00	0.00	0.00	22795,800.0000		22795,800.0000
TOTALS		908,427.27	0.00	0.00	0.00			

========== R E V E N U E C O D E T O T A L S ==========

R/C	DESCRIPTION	G/L ACCOUNT#	AMOUNT
SERVICES:			
200	WTR MDT	687-145900	107,960.17
203	WTR MDT COMMERCIAL	687-145900	143,578.60
206	CUSTOMER CHARGE	687-145900	14,738.78
207	SERVICE CHG / METER	687-145900	58,041.84
210	WTR ROYAL	687-145900	9,901.00
220	WTR L SWT	687-145900	70.55
230	SURCHARGE WATER/SEWER	687-145900	0.00
231	SURCHARGE WATER/SEWER	687-145900	0.00
232	SURCHARGE WATER/SEWER	687-145900	39,494.82
300	SWR MDT	687-145800	457,755.70
306	SW CUST CHARGE	687-145800	76,885.81
310	SWR ROYAL	687-145800	0.00
320	SWR L SWT	687-145800	0.00
R/C TOTALS			908,427.27

========== R A T E T A B L E T O T A L S ==========

CAT	CODE	TBL	DESCRIPTION	SCHED	NO#	TOTAL NET	FUEL-ADJ	TOTAL TAX	TAXABLE	CONSUMPTION	MLT.
S	300	LST	SEWER -LWR SW TWP	LST	1	0.00	0.00	0.00	0.00		
S	300	RB	SEWER -ROYALTON	RB	1	0.00	0.00	0.00	0.00		
S	300	SW	SEWER	SW	2734	534,641.51	0.00	0.00	0.00	17,958,100.0000	813
SR	230	SR2	SURCHARGE WATER/SEWE	SR2	5	0.00	0.00	0.00	0.00		
SR2	231	SR2	SURCHARGE WATER/SEWE	SR2	3	0.00	0.00	0.00	0.00		
SR3	232	232	SURCHARGE WATER/SEWE	SR3	2784	39,494.82	0.00	0.00	0.00		
W	200	C10	COMM 1" MTR	C10	30	4,470.31	0.00	0.00	0.00	300,100.0000	
W	200	C15	COMM 1 1/2" MTR	C15	9	9,446.08	0.00	0.00	0.00	757,900.0000	
W	200	C20	COMM 2" MTR	C20	23	28,881.18	0.00	0.00	0.00	2,326,200.0000	
W	200	C30	COMM 3" MTR	C30	5	10,371.59	0.00	0.00	0.00	841,400.0000	
W	200	C40	COMM 4" MTR	C40	2	125.64	0.00	0.00	0.00	3,000.0000	
W	200	C58	COMM 5/8" MTR	C58	38	6,406.00	0.00	0.00	0.00	447,800.0000	
W	200	C60	COMM 6" MTR	C60	13	72,191.01	0.00	0.00	0.00	5,904,100.0000	
W	200	C75	COMM 3/4" MTR	C75	2	510.68	0.00	0.00	0.00	37,800.0000	
W	200	C80	COMM 8" MTR	C80	4	15,360.01	0.00	0.00	0.00	1,247,700.0000	
W	200	COM	COMPOUND WATER N/C	COM	9	0.00	0.00	0.00	0.00		
W	200	LS8	LOWER SWAT 8" MTR	LS8	1	70.55	0.00	0.00	0.00	400.0000	
W	200	NCW	NO CHG	NCW	25	0.00	0.00	0.00	0.00	51,000.0000	
W	200	R10	RESID 1" MTR	R10	74	4,561.17	0.00	0.00	0.00	205,900.0000	
W	200	R58	RESID - 5/8'" MTR	R58	2558	168,096.45	0.00	0.00	0.00	8,410,700.0000	
W	200	R60	RESID 6" MTR	R60	1	3,405.87	0.00	0.00	0.00	276,700.0000	
W	200	R75	RESID 3/4" MTR	R75	5	363.15	0.00	0.00	0.00	19,000.0000	
W	200	RB6	ROYALTON BOR 6" MTR	RB6	2	9,901.00	0.00	0.00	0.00	1,966,100.0000	
W	210	A1V	FLAT RATE WATER -VAR	A1V	2	130.25	0.00	0.00	0.00		
W	220	MC	WATER METER CHARGE -	MC	2618	0.00	0.00	0.00	0.00		
			TOTALS			908,427.27	0.00	0.00	0.00		

========== M E T E R G R O U P T O T A L S ==========

CODE	DESCRIPTION	BILLED CONSUMPTION	UNBILLED CONSUMPTION	TOTAL CONSUMPTION	DEMAND CONSUMPTION
W	WATER	22,795,800.0000	0.000	22,795,800.0000	

====== R E F U N D E D D E P O S I T T O T A L S ====

CODE	DESCRIPTION	NUMBER	AMOUNT
	DEPOSIT TOTALS	0	0.00

========== REPORT TOTALS ==========

==== REVENUE CODE TOTALS ====

REVENUE CODE:	--CURRENT--	+1 MONTHS	+2 MONTHS	+3 MONTHS	+4 MONTHS	--BALANCE--
081-NSF CK FEE	40.00	29.60	24.87	5.53	0.00	100.00
200-WTR MDT	107204.17	18720.28	7053.52	2212.84	4662.08	139852.89
201-WATER TURN ON	0.00	13.22	10.04	9.56	55.12	87.94
203-WTR MDT COMMERCIAL	143627.34	9614.04	481.91	23.17	143.53	153889.99
206-CUSTOMER CHARGE	14405.36	2667.85	1001.96	352.94	2577.26	21005.37
207-SERVICE CHG / METER	56613.27	10535.11	3884.12	1364.35	9987.85	82384.70
210-WTR ROYAL	9901.00	0.00	0.00	0.00	0.00	9901.00
220-WTR L SWT	69.15	0.00	0.00	0.00	0.00	69.15
230-SURCHARGE WATER/SEWER	16.28	5.89	5.01	5.49	1145.08	1177.75
231-SURCHARGE WATER/SEWER	9.79CR	22.40	18.96	20.77	1514.40	1566.74
232-SURCHARGE WATER/SEWER	37759.91	1328.33	682.60	153.90	328.95	40253.69
275-WTR PEN	267.44CR	1882.57	517.89	168.58	1026.69	3328.29
300-SWR MDT	453637.79	59370.43	15426.21	4433.24	8888.70	541756.37
306-SW CUST CHARGE	74977.43	14377.42	5382.39	1947.55	27941.76	124626.55
375-SWR PEN	374.55CR	3148.35	856.52	265.98	2418.64	6314.94
996-UNAPPLIED	19567.03CR	0.00	0.00	0.00	0.00	19567.03CR
999-REFUND	2452.16CR	0.00	0.00	0.00	0.00	2452.16CR
TOTALS	875580.73	121715.49	35346.00	10963.90	60690.06	1104296.18

TOTAL REVENUE CODES: 1,104,296.18
TOTAL ACCOUNT BALANCE: 1,104,296.18
DIFFERENCE: 0.00

PERIOD: 2/01/2025 THRU 2/28/2025
ZONE: * - All Zones
REVENUE CODE: All
ADJUSTMENT CODES:

DAILY DISTRIBUTION

TYPE	DAY	COUNT	AMOUNT
ADJUSTMENT	04	2	100.00
	05	6	2,958.89CR
	06	1	0.00
	07	1	18.65CR
	14	1	20.00
	19	3	483.46CR
	24	5	16,646.64
	26	141	1,368.88
	27	1	9.54CR
	28	7	629.17CR
	ADJUSTMENT TOTAL		14,035.81
BILL	03	1	13.86
	04	2	27.98CR
	05	8	13.46CR
	06	10	101.46
	07	2	5.71CR
	10	1	28.88
	12	1	50.31
	13	1	54.25
	18	1	47.54
	19	1	100.70
	24	2	152.44
	25	2	275.52
	26	2,799	907,621.94
	27	4	27.52
	BILL TOTAL		908,427.27
APPLIED DEPOSIT	06	1	0.00
	26	1	0.00
	APPLIED TOTAL		0.00
LATE CHARGE	26	459	7,340.11
	LATE TOTAL		7,340.11
PAYMENT	03	122	28,363.20CR
	04	124	72,295.96CR
	05	79	18,371.66CR
	06	21	5,524.52CR
	07	82	20,998.97CR
	10	295	75,932.58CR
	11	83	54,196.27CR
	12	302	246,987.76CR
	13	123	53,284.29CR

Adj +/- Total = Other Revenue $21,375.92

PERIOD: 2/01/2025 THRU 2/28/2025
ZONE: * - All Zones
REVENUE CODE: All
ADJUSTMENT CODES:

DAILY DISTRIBUTION

TYPE	DAY	COUNT	AMOUNT
	14	146	81,216.49CR
	18	219	51,797.41CR
	19	173	35,125.87CR
	20	38	8,526.54CR
	21	52	11,672.19CR
	24	114	64,801.57CR
	25	68	14,994.91CR
	26	61	14,256.39CR
	27	22	5,972.12CR
	28	30	14,238.79CR
	PAYMENT TOTAL		878,557.49CR
DRAFT	18	437	72,279.07CR
	20	24	42,507.30CR
	DRAFT TOTAL		114,786.37CR
REVERSE-PAY	11	1	237.61
	12	6	11,273.33
	14	1	664.00
	28	2	603.99
	REVERSE PAY TOTAL		12,778.93
	GRAND TOTAL FOR PERIOD		50,761.74CR

Total Collected
MMWS payment error ($11,030.87)
= $993,343.86

*** SERVICE CATEGORY TOTALS ***

SERV CATG	NUMBER BILLED	BILL CONS	TOTAL CONS	DEMAND CONS	TAX AMOUNT	BILL AMOUNT
S	2,737	17,958,100	17,958,100			$ 534,641.51
SR	2,660	0	0			
SR2	2,741	0	0			
SR3	2,785	0	0			$ 39,494.82
W	5,422	22,795,800	22,795,800			$ 334,290.94

ACTION		ISSUED THIS PERIOD ISSUED	ISSUED THIS PERIOD COMPLETED	ISSUED THIS PERIOD VOIDED	ISSUED THIS PERIOD OUTSTANDING	PRIOR ORDERS COMPLETED	PRIOR ORDERS VOIDED	PRIOR ORDERS OUTSTANDING	TOTAL COMPLETED	TOTAL OUTSTANDING
C	CONNECT	1	1	0	0	256	4	0	257	0
D	DISCONNECT	0	0	0	0	46	4	0	46	0
F	CUTOFF	0	0	0	0	3	3	0	3	0
I	METER INFO	54	54	0	0	4,745	120	0	4,799	0
M	METER CHANGE	9	9	0	0	1,300	9	0	1,309	0
O	OCC CHANGE	16	16	0	0	1,757	3	0	1,773	0
R	REINSTATE	0	0	0	0	2	2	0	2	0
S	SERV CHANGE	0	0	0	0	34	0	0	34	0
X	MISC	2	2	0	0	848	26	0	850	0
	** GRAND TOTALS **	82	82	0	0	8,991	171	0	9,073	0

METER NO#	ACCOUNT NO#	NAME	ADDRESS	MXU TYPE	MXU ID
W 68652383	INVENTORY				1460195730 Duplica
W 70323971A	INVENTORY				1487761195
W 70323971	INVENTORY				1487761194
W 69632167	INVENTORY				1460195756 Duplica
W 70112613A	INVENTORY				1470321453 Duplica
W 70112613	INVENTORY				1470321452 Duplica
W 70323396	INVENTORY				1471966926 Duplica
W 70323396A	INVENTORY				1471966927 Duplica
W 70323397A	INVENTORY				1470157603 Duplica
W 70323397	INVENTORY				1470157602 Duplica
W 69632184	INVENTORY				1542361382
W 35670264	INVENTORY				1440131648 Duplica
W 35670270	INVENTORY				1542411182
W 35670271	INVENTORY				1440096730 Duplica
W 35670267	INVENTORY				1551255668
W 36512912	INVENTORY				1460079314 Duplica
W 36512915	INVENTORY				1568109238
W 36512901	INVENTORY				1440121830 Duplica
W 36512913	INVENTORY				1440121830 Duplica
W 36512922	INVENTORY				1460197074 Duplica
W 36512921	INVENTORY				1440128082 Duplica
W 37016026	INVENTORY				1470153476
W 27016014	INVENTORY				1548612198
W 85441897	INVENTORY				1563419820
W 53388599	INVENTORY				1551754996
W 38077530	INVENTORY				1487106720
W 38982668	INVENTORY				1548613312
W 39759236	INVENTORY				1564217606
W 10659431	INVENTORY				1568103474
W 10871871	INVENTORY				1568031178
W 54476350	INVENTORY				1568048468
W 10871838	INVENTORY				1568014512
W 10871883	INVENTORY				1563387082
W 10871886	INVENTORY				1563522708
W 12164948	INVENTORY				1572396976
W 12164947	INVENTORY				1573617074
W 14171011	INVENTORY				1576006862
W 14171083	INVENTORY				1575719576
W 14171081	INVENTORY				1575710212
W 16167041	INVENTORY				1573565336
W 161607079	INVENTORY				1573584092
W 16393024	INVENTORY				1575721430
W 16393010	INVENTORY				1579332024

*** TOTAL METERS IN SERVICE 2814
*** TOTAL METERS IN INVENTORY 1345

ZONE: ALL ZONES
SERVICE: 200-WATER

**** REPORT TOTALS ****

Book	Services	Addresses
02 - BOOK 02	1	0
03 - BOOK 03	2	0
04 - BOOK 04	5	0
12 - BOOK 12	4	0
15 - BOOK 15	2	0
16 - BOOK 16	1	0
18 - BOOK 18	1	0
20 - BOOK 20	1	1
21 - BOOK 21	1	0
26 - BOOK 26	1	0
28 - BOOK 28	1	0
29 - BOOK 29	1	0
Grand Totals	21	1

FEBRUARY 2024 CUSTOMER SERVICE CALLS

VEOLIA MIDDLETOWN

Date	How Contact Was Received			Customer Service Inquiries														Field Service Requests					Field Request Info
	Call direct to Middletown CS	Customer Correspondance (Letters/E mails)	TOTALS	Calls for Other Ops	Calls from City / Other Org	AppleTree Hold Call	General Acct. Info	Copy Of Bill	Correct Bills	Bill Inquiry	Rates	Payment	Collection Letter	New Account	Finals	Meter Reading/Re -Reads	Service Complaints	C.S. Thank Yous	Sewer Back up or SSO	Water Leaks	Broke, Froze, Leaking Meter	No Water/Low Pressure	Water Quality	
FEBRUARY 3RD, 2025	98	6	104	2				2		10		76	5	2	1									
FEBRUARY 4TH, 2025	64	6	70					1		15	1	45	2											
FEBRUARY 5TH, 2025	45	14	59	3			1			9		25	4		3									
FEBRUARY 6TH, 2025	33	1	34	1						6		21	5											
FEBRUARY 7TH, 2025	64	1	65	2						9		52								1				
FEBRUARY 10TH, 2025	47	3	50							1	1	44							1					
FEBRUARY 11TH, 2025	40	7	47							6		28	3	1	2									
FEBRUARY 12TH, 2025	51	4	55	2				2		5		42												
FEBRUARY 13TH, 2025	45	5	50	1			1			6		37												
FEBRUARY 14TH, 2025	81	1	82	3				1		5		72												
FEBRUARY 18TH, 2025	107	4	111	1						7		92	2	2	3									
FEBRUARY 19TH, 2025	48	14	62					1		8		39												
FEBRUARY 20TH, 2025	19	4	23	2						3		14												
FEBRUARY 21ST, 2025	52	1	53	1						5		46												
FEBRUARY 24TH, 2025	30	7	37				1			3		25										1		
FEBRUARY 25TH, 2025	33	4	37	3				1		2		27												
FEBRUARY 26TH, 2025	17	4	21	2			1			1		13												
FEBRUARY 27TH, 2025	15	5	20							3		12												
FEBRUARY 28TH, 2025	20	3	23							4		15										1		
GRAND TOTALS	***909***	***94***	***1003***	***23***	***0***	***0***	***4***	***8***	***0***	***108***	***2***	***725***	***21***	***5***	***9***	***0***	***0***	***0***	***1***	***1***	***0***	***2***	***0***	***0***

2025 MIDDLETOWN COLLECTION INFORMATION

	Bill Due Date	Date 10 Day Notice Issued	Number of 10 Day Notices issued for Balances over $50.00	Date 3 Day Notices Posted	Number of 3 Day Notices for Balances over $100.00	Shut offs
January Bill Cycle	2/18/2025	2/20/2025	291	3/10/2025	90	3 SHUT OFFS(2 OCCUPIED, 1 VACANT)
February Bill Cycle						
March Bill Cycle						
April Bill Cycle						
May Bill Cycle						
June Bill Cycle						
July Bill Cycle						
August Bill Cycle						
September Bill Cycle						
October Bill Cycle						
November Bill Cycle						
December Bill Cycle						

Partner Reporting Dashboard

Back to Partner Select Page

SUEZ (Middletown)

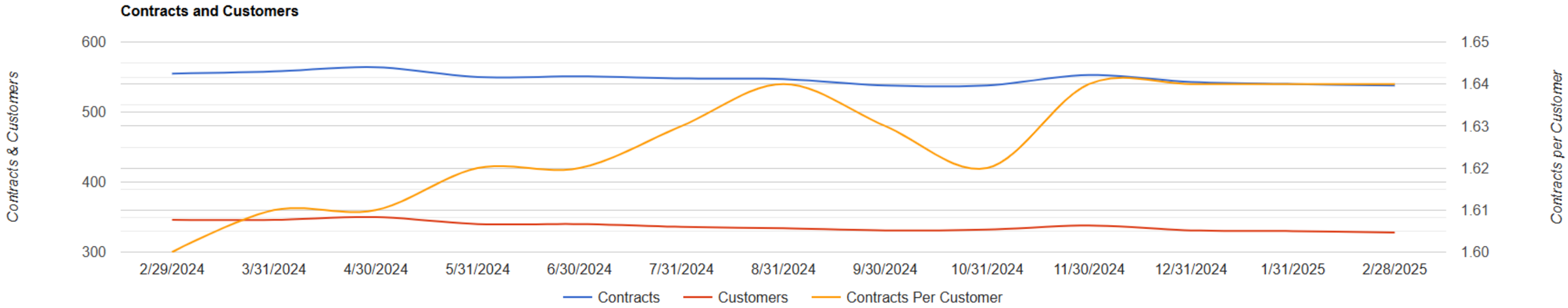
Date Start

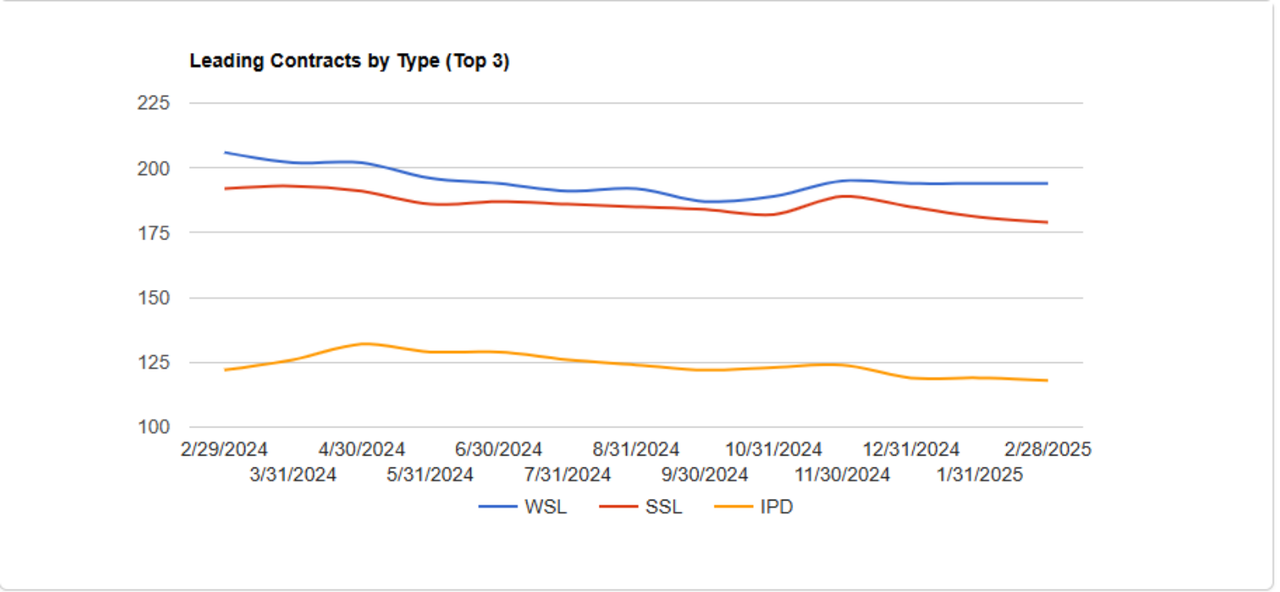
2024-02-29

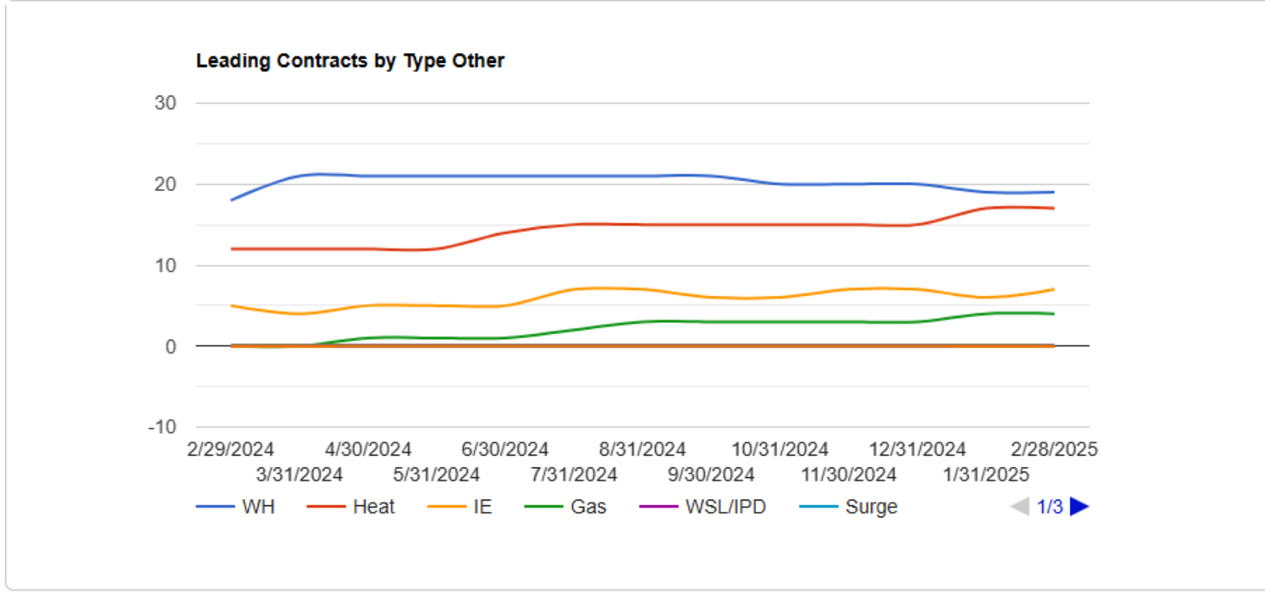
Date End

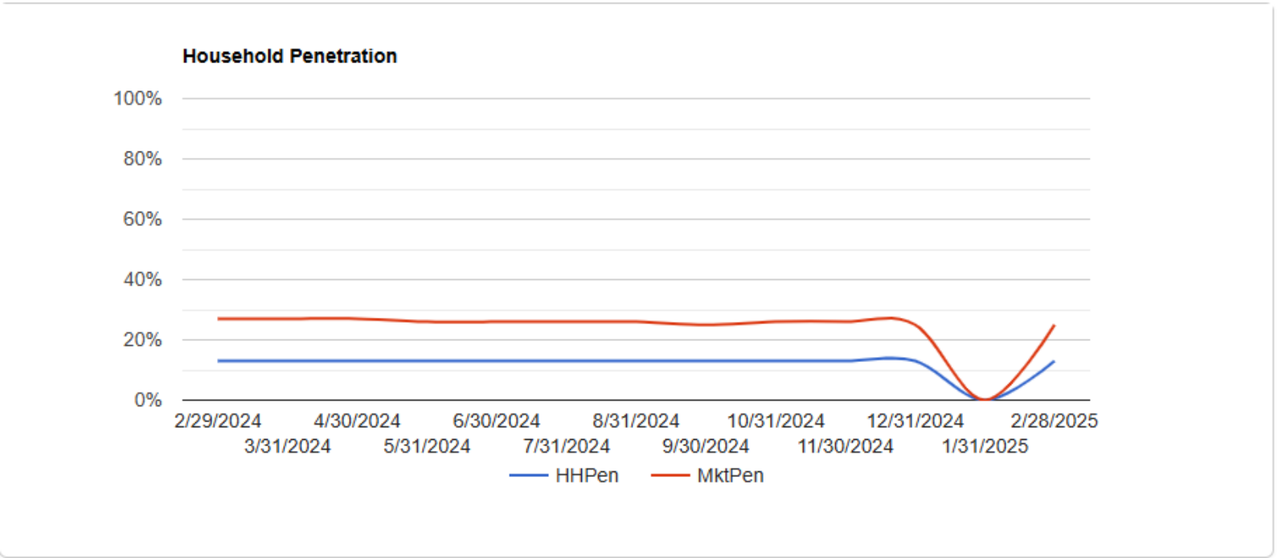
2025-02-28

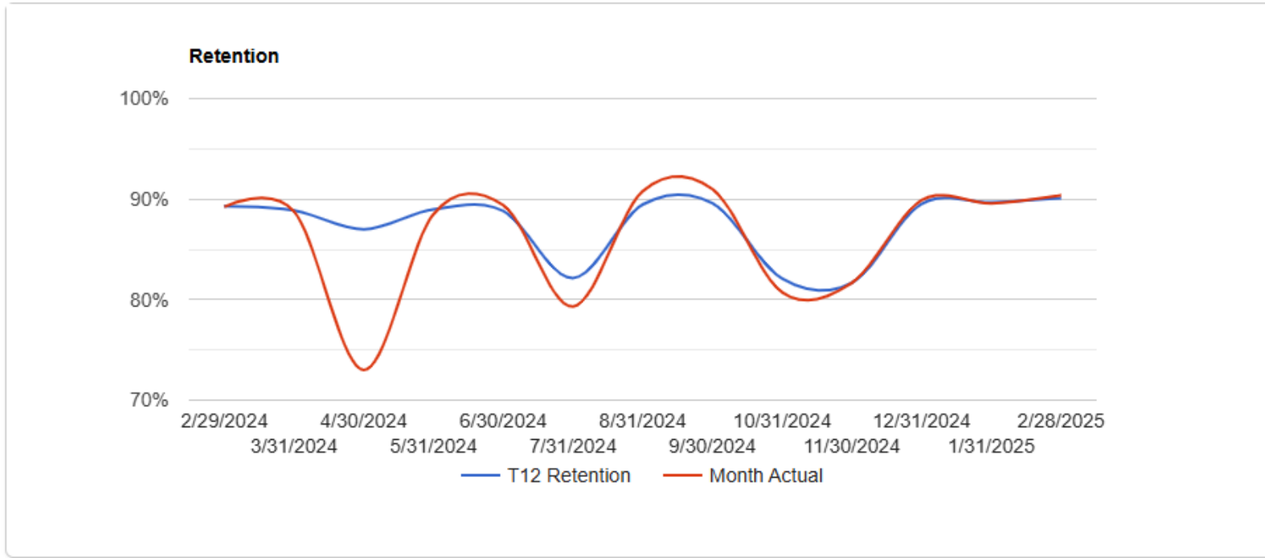
Filter



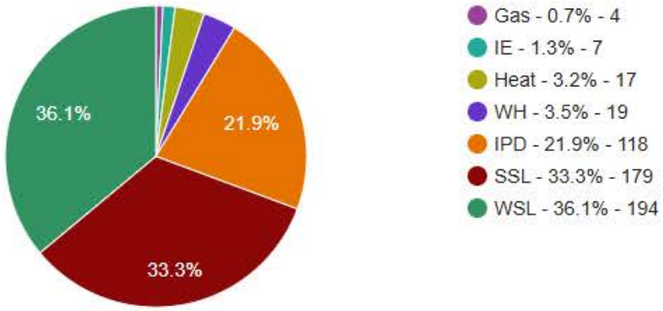

Leading Contracts by Type (Top 3)
225
200
175
150
125
100
2/29/2024
3/31/2024
4/30/2024
5/31/2024
6/30/2024
7/31/2024
8/31/2024
9/30/2024
10/31/2024
11/30/2024
12/31/2024
1/31/2025
2/28/2025
WSL
SSL
IPD


Leading Contracts by Type Other
30
20
10
0
-10
2/29/2024
3/31/2024
4/30/2024
5/31/2024
6/30/2024
7/31/2024
8/31/2024
9/30/2024
10/31/2024
11/30/2024
12/31/2024
1/31/2025
2/28/2025
WH
Heat
IE
Gas
WSL/IPD
Surge
1/3


Household Penetration
100%
80%
60%
40%
20%
0%
2/29/2024
3/31/2024
4/30/2024
5/31/2024
6/30/2024
7/31/2024
8/31/2024
9/30/2024
10/31/2024
11/30/2024
12/31/2024
1/31/2025
2/28/2025
HHPen
MktPen

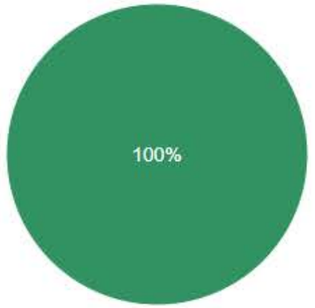

Retention
100%
90%
80%
70%
2/29/2024
3/31/2024
4/30/2024
5/31/2024
6/30/2024
7/31/2024
8/31/2024
9/30/2024
10/31/2024
11/30/2024
12/31/2024
1/31/2025
2/28/2025
T12 Retention
Month Actual

Contracts by Product Type



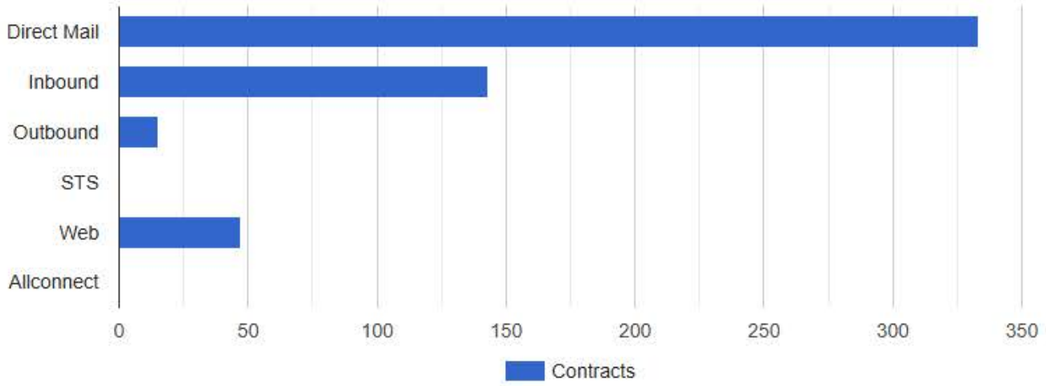
- Gas - 0.7% - 4
- IE - 1.3% - 7
- Heat - 3.2% - 17
- WH - 3.5% - 19
- IPD - 21.9% - 118
- SSL - 33.3% - 179
- WSL - 36.1% - 194

Contracts by Type - Last 30 Days

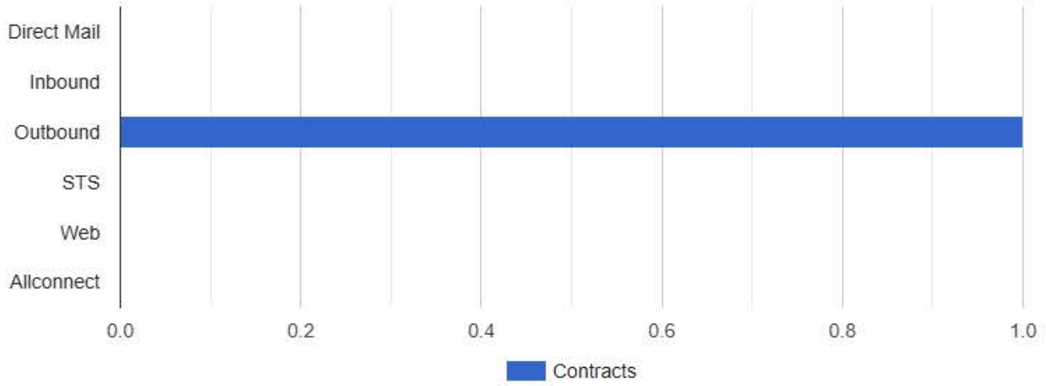


- WSL - 100.0% - 1

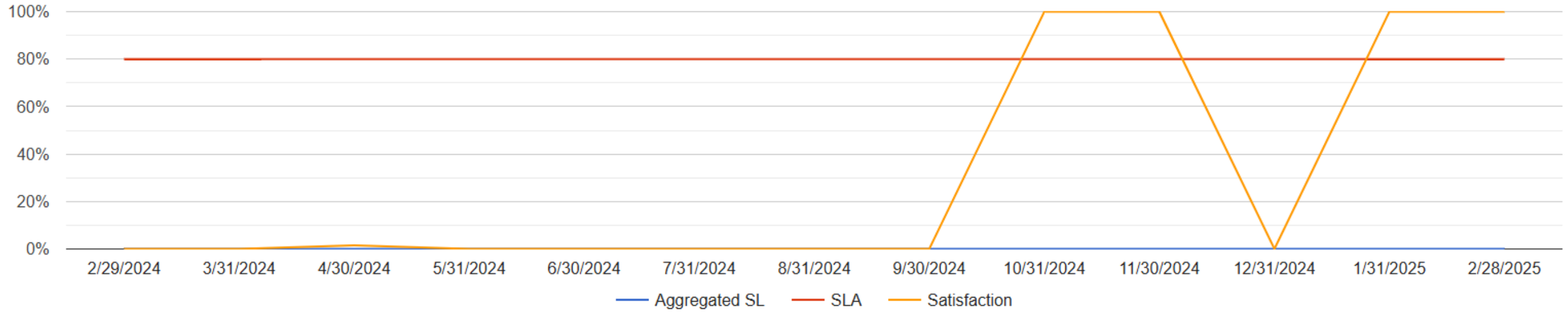
Contracts by Channel



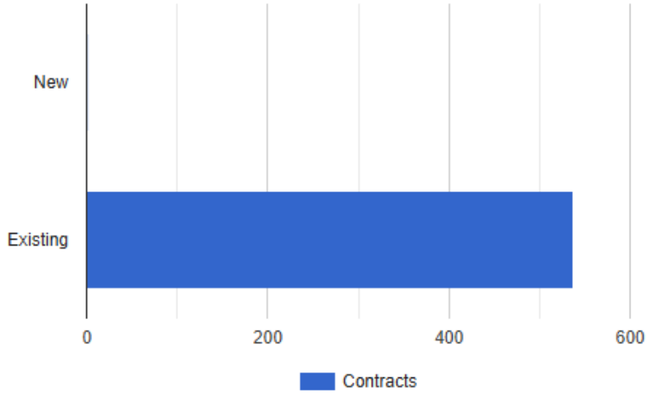
Contracts by Channel - Last 30 Days



Service Levels And Satisfaction

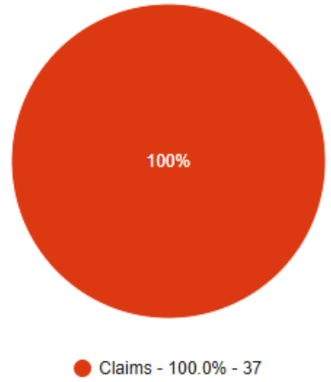


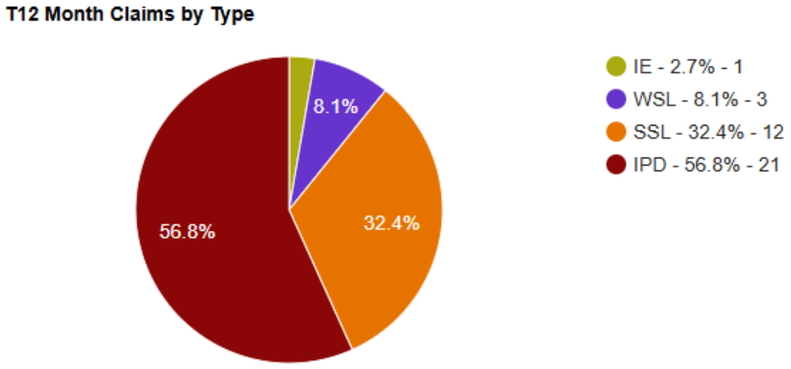
New v. Existing

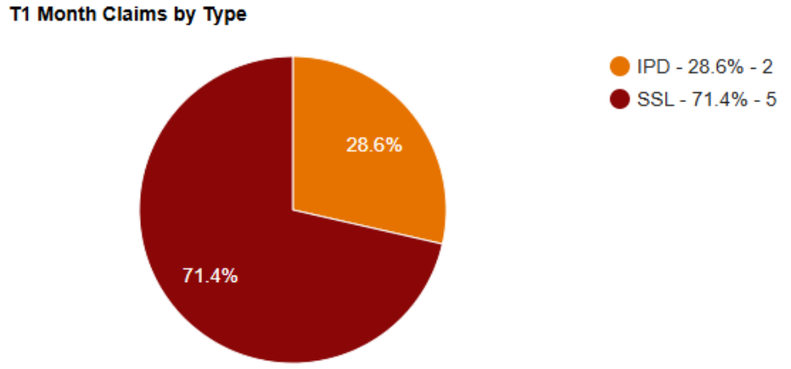


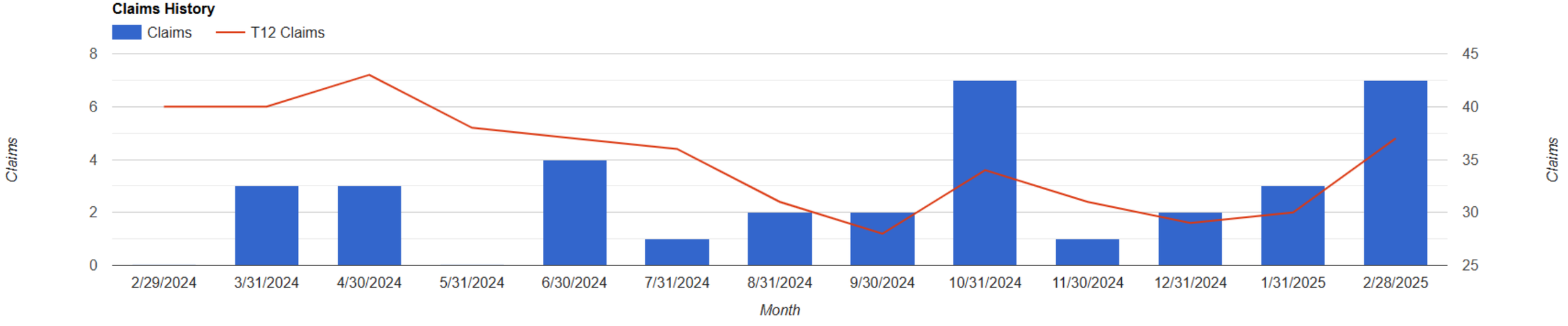
Rolling Complaints by Type

Complaints vs Claims




T12 Month Claims by Type
IE - 2.7% - 1
WSL - 8.1% - 3
SSL - 32.4% - 12
IPD - 56.8% - 21
8.1%
32.4%
56.8%


T1 Month Claims by Type
IPD - 28.6% - 2
SSL - 71.4% - 5
28.6%
71.4%


Claims History
Claims
T12 Claims
8
6
4
2
0
45
40
35
30
25
Claims
Claims
2/29/2024
3/31/2024
4/30/2024
5/31/2024
6/30/2024
7/31/2024
8/31/2024
9/30/2024
10/31/2024
11/30/2024
12/31/2024
1/31/2025
2/28/2025
Month

APPENDIX 4

WATER MAIN LEAK LOGS

No._____

Borough of Middletown
Street Opening Permit

Contractor's Name: VEOLIA Application Date: 2-13-25

Phone Number: 717-948-3055 Date of Opening: 2-20-25 - 2-26-25

Date of Completion: 2-26-25 Emergency: ___Yes _X_No

STREET OPENING PERMIT issued to: VEOLIA 453 S. LAWRENCE ST MIDDLETOWN PA 17057
NAME ADDRESS

for permission to excavate Borough streets abutting 206 E WATER ST in order to
STREET ADDRESS

make the following connection(s): WATER LEAK

Length 12'2" ft Width 4'3" ft Depth 4'6" ft Total Square Feet _____

Distance from nearest Intersection 117.6 ft N/S/E/(W) Nearest Street Intersection SPRUCE ST

Provide Condition of Street GOOD Existing Paving Type MACADAM

Type of Material Disturbed: _X_Macadam; ___Concrete: _X_Gravel: _____Soil

Pavement less than five (5) years old _X_Yes _____No Existing paving depth 4" in

Provide GPS coordinates for the shape of the proposed road cut on the following page. Photographs of completed work shall be provided to Middletown in JPEG format.

This permit is issued with the understanding that the provisions of Ordinance 1358 regulating openings and excavations in or under Borough Highways passed March 5, 2019 will be adhered to.

In consideration of the issuance of the permit applied for above, the undersigned, intending to be legally bound, agrees as follows:

1. To do all work authorized by the permit in accordance with all applicable ordinances, laws, rules, regulations, and orders, and to complete the work on or before the date set forth above, and to guarantee the work for a period of two (2) years from completion; to immediately repair same should the work become unsatisfactory within such two (2) year period
2. To well and truly save, defend and keep harmless, Middletown, its elected officials, other officers and employees from and indemnify it against any and all actions, suits, demands, payments, costs and charges (including reasonable attorneys and expert fees) for damages or injury occurring to any person or property through or in consequence of any act or omission of the undersigned, or the undersigned's, agent, servant, contractor, engaged in, about or upon said work by or at the instance of the undersigned from the failure of same to comply with the maintenance requirements of Middletown Streets and Sidewalks Ordinance.

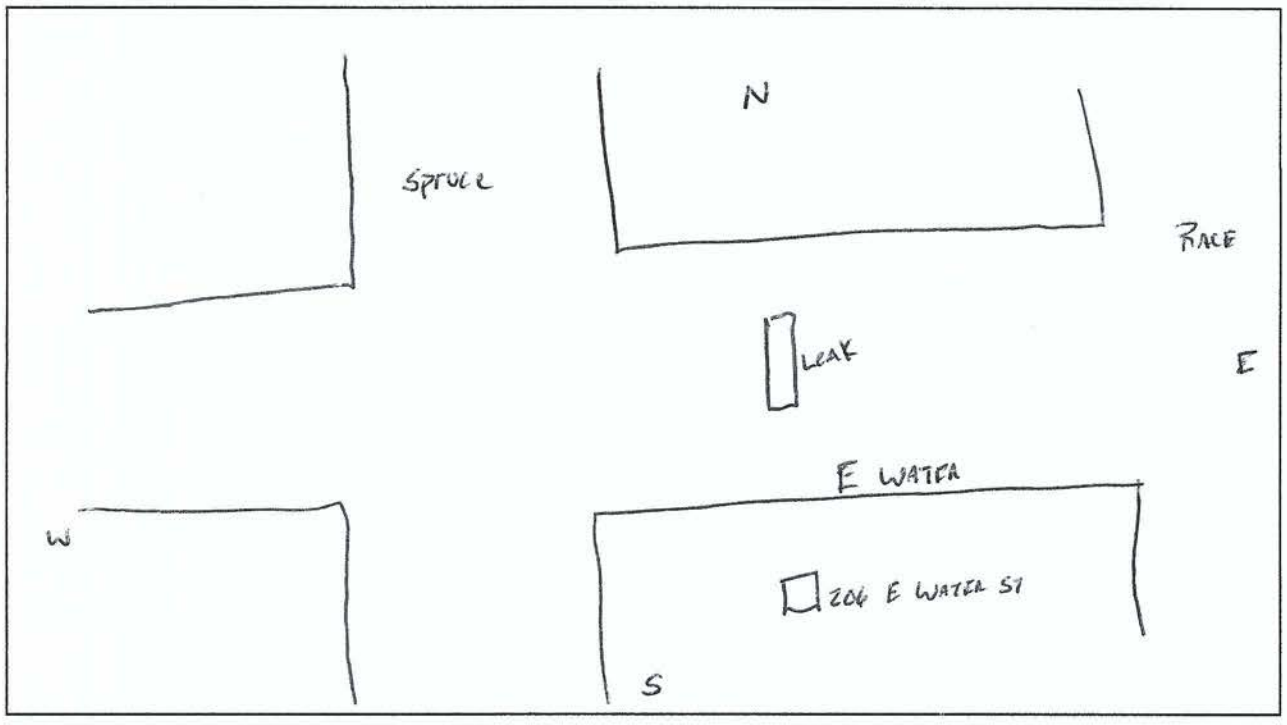
Date: _____ Permittee: _____

_____

Date Application Approved by the Borough of Middletown _____

By: _____ Title: _____

Provide GPS coordinates for beginning point, point(s) of deflection, and end point



FOR BOROUGH USE ONLY
STREET OPENING INSPECTION REPORT

Inspection Report Information: _____

_____

_____

___Routine Visit ___Called by Contractor

Follow-up Action Report: _____

_____

_____

Comments: _____

_____

_____

Additional Charges (provide details): _____

_____

_____

Date and Time Opened: _____

Date and Time Closed: _____

Date of Inspection: _____ Time: _____

9/27/2017

SUEZ
WATER LEAK REPAIR LOG

WO NUMBER: _____

Type of Leak: _____Service Line _____Main _____Other

Population Affected: _____

Address of leak: 206 E Main St

Date and time department notified of leak: 2 / 13 / 25 1131 (am) / pm

Date / Time of arrival on scene: 2 / 20 / 25 0730 (am) / pm

Time pipe leak is exposed: — am / pm

Time repair started: _____ am / pm

Time repair finished: _____ am / pm

Method used for repair: Found 2 old main will Relink

Was there a loss of pressure or was line dewatered? _____ **Yes** _____ **No**
Was this loss of pressure cause by a situation other than a main break? (Power outage, pump failure, etc.) _____**Yes** _____ **No**
(If yes to both above questions, notify DEP at 717-705-4751 or 1-877-333-1904 within one (1) hour and issue a BWA as soon as possible, but no later than 24 hours. The line should be flushed, disinfected with 300 mg/l free chlorine for 15 minutes, flushed, and a bacteriological sample taken.)
Was there a loss of pressure due to a main break or repair that has a high risk of contamination or shows evidence of contamination? _____ **Yes** _____ **No**
*(If **yes**, notify DEP at 717-705-4751 or 1-877-333-1904 within one (1) hour and issue a BWA as soon as possible, but no later than 24 hours. The line should be flushed, disinfected with 300 mg/l free chlorine for 15 minutes, flushed, and a bacteriological sample taken.)*
*(If **no**,, repairs must be made according to DEP C-651-05 Standards. If leak cannot be repaired by these standards and within 8 hours, notify DEP within (1) hour and issue Tier 1 PN within (24) hours)*

Bacteriological Sampling

Location_____ Time_____ am / pm

Laboratory _____ Time of submission _____am / pm

Chlorine Residual: _____mg/l

Coliform: negative ____ Positive ____ (If result is coliform positive, then repeat sampling and attach new log)

Date of results: _____/_____/_____

Date and time disinfectant residuals were detected: _____/_____/_____ _____ am / pm

Name _____ **Date** _____

SUEZ
WATER LEAK REPAIR LOG

5th Dept
270 off cord
206 E main
6" Ductile

WO NUMBER: _____

Type of Leak: _____Service Line __X__Main _____Other

Population Affected: __0__

Address of leak: 206 E Main St

Date and time department notified of leak: 2 / 13 / 25 1131 (am) / pm

Date / Time of arrival on scene: 2 / 26 / 25 0745 (am) / pm

Time pipe leak is exposed: 0850 (am) / pm

Time repair started: 0931 (am) / pm

Time repair finished: 0951 (am) / pm

Method used for repair: 6" Full Circle Repair Band

Was there a loss of pressure or was line dewatered? _____ **Yes** __X__ **No**
Was this loss of pressure cause by a situation other than a main break? (Power outage, pump failure, etc.) _____**Yes** __X__ **No**
(If yes to both above questions, notify DEP at 717-705-4751 or 1-877-333-1904 within one (1) hour and issue a BWA as soon as possible, but no later than 24 hours. The line should be flushed, disinfected with 300 mg/l free chlorine for 15 minutes, flushed, and a bacteriological sample taken.)
Was there a loss of pressure due to a main break or repair that has a high risk of contamination or shows evidence of contamination? _____ **Yes** __X__ **No**
*(If **yes**, notify DEP at 717-705-4751 or 1-877-333-1904 within one (1) hour and issue a BWA as soon as possible, but no later than 24 hours. The line should be flushed, disinfected with 300 mg/l free chlorine for 15 minutes, flushed, and a bacteriological sample taken.)*
*(If **no**,, repairs must be made according to DEP C-651-05 Standards. If leak cannot be repaired by these standards and within 8 hours, notify DEP within (1) hour and issue Tier 1 PN within (24) hours)*

Bacteriological Sampling

Location_____ Time_____ am / pm

Laboratory _____ Time of submission _____am / pm

Chlorine Residual: _____mg/l

Coliform: negative ____ Positive ____ (If result is coliform positive, then repeat sampling and attach new log)

Date of results: _____/_____/_____

Date and time disinfectant residuals were detected: _____/_____/_____ _____ am / pm

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Name _____ **Date** _____

APPENDIX 5

QUARTERLY METER TEST AND CALIBRATION REPORTS

APPENDIX 6