

Veolia MIDDLETOWN
453 South Lawrence Street
Middletown, PA 17057
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June 28, 2024

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RE: Transmittal of Veolia Middletown Operations Report May 2024

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,

A handwritten signature in cursive script that reads 'Kodi Webb'.

Kodi Webb
Project Manager
Veolia Middletown

cc: Michael Winfield
Jason Kiernan
Ken Bonn
Shuang Li

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



EXECUTIVE SUMMARY

This report covers the monthly period of May 1, 2024 through May 31, 2024.

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.

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.
- Continue 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 E. Water St.
- Installation of Safety Upgrades for Water and Wastewater systems.
- Installed fine screen to replace broken unit.
- Replaced failed oxidation ditch rotor end bearing.
- Repaired sludge pipe from SNDR to Centrifuge.
- Continued 2024 small meter replacement program.
- Completed quarterly PFAS testing.

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



Regulatory Compliance

NOV was issued on March 1, 2021 for Well # 4 Fluoride system deficiencies. 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.
- Required upgrades to fluoride feed systems at all wells which will require a separate permit amendment filed with PA DEP for each. – Well #4 **Permit Approved 6/25/21**
 - Only Well #4 will be held to the 120 day timeline since permits are required for each well
 - VEOLIA will not delay working with HRG and DEP to get all locations permitted and completed in a timely manner.
- Equipment for upgrade
 - HRG to identify best pumps and equipment for this application.
 - Well pump #4, replacement in progress
- Veolia working with HRG on permit amendments
 - Well 4 Permit Application (replacement pump)-**Approval Received on 6/25/21**
 - Chemical feed parts ordered in July 2021, and received August 19, 2021
 - Permit application approval received for chemical feed upgrade for all wells
 - Permit application approval received for Well 3 pump replacement
 - HRG to submit additional permit applications for Well 4 level transducer as required by Susquehanna River Basin Commission and upgrade online chlorine analyzer – January 2023
 - Well 4 drop pipe, well pump and chemical feed system installed October 2023.
 - Returned to service March 4, 2024.
- Chemical feed upgrade for Well 2 complete on November 3, 2022
- Water SCADA computer upgrade complete August 2023

On February 23, 2023, an unplanned wastewater plant inspection was performed by Pennsylvania Department of Environmental Protection. The formal report has not been generated from the inspection, but the sanitarian did not note any major findings or violations during the inspection.

Veolia submitted the Well 6 Groundwater Withdrawal Application for renewal to the Susquehanna River Basin Commission (SRBC) on January 10, 2022 with a requested

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



withdrawal quantity of 1,070,000 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 30-day average quantity requested for well 6.

Quarterly PFAS testing is required by Pennsylvania Department of Environmental Protection for each quarter of 2024. The online wells were sampled in Quarter 1. Upon DEP review, it was found that the subcontract lab reported results for Well 1 as entry point 101 instead of 100. The other wells follow the naming pattern of 102, 103, 104, 105, and 106, but well 1 has an entry point location of 100. Upon discussions with PA DEP it was identified that entry point 101 was the Middletown Reservoir that was used as a source water when the previous surface water plant was in operation and the entry point is currently listed as "not in use" in their system. The contract lab filed the appropriate paperwork with PA DEP to update the sample location identifier.

Environment, Health and Safety

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

On December 15, 2023 a letter was received from OSHA that raised concerns from an employee about conditions in the wet well, no movement on the replacement of the compactor, and a lack of safety inspections. On December 19, 2023 an investigation was launched and a follow up letter was submitted to OSHA explaining the inspection findings on December 22, 2023. The investigation did not substantiate the conditions cited in the letter from the wet well. Improvements to existing systems have been made to improve conditions and progress on ordering the compactor has been communicated to operations staff. Safety inspections are being completed and documented weekly.

Customer Service

The current operating period was very successful for Customer Service in Middletown.

Some accomplishments include:

Though the Customer Service counter remains closed to customers, customer service, and 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.

The meter reading cycle for water consumption in May was successfully completed on May 24th, 2024.

- Sent 221, 10 day shut-off notices to accounts that were \$50 past due for the April 2024 billing period
- Posted 75 properties with 3 day shut-off notices

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



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.

Conclusion

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

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



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.

Micah Ammerman started as the Assistant Project Manager of the Middletown Project on May 28, 2024.

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.

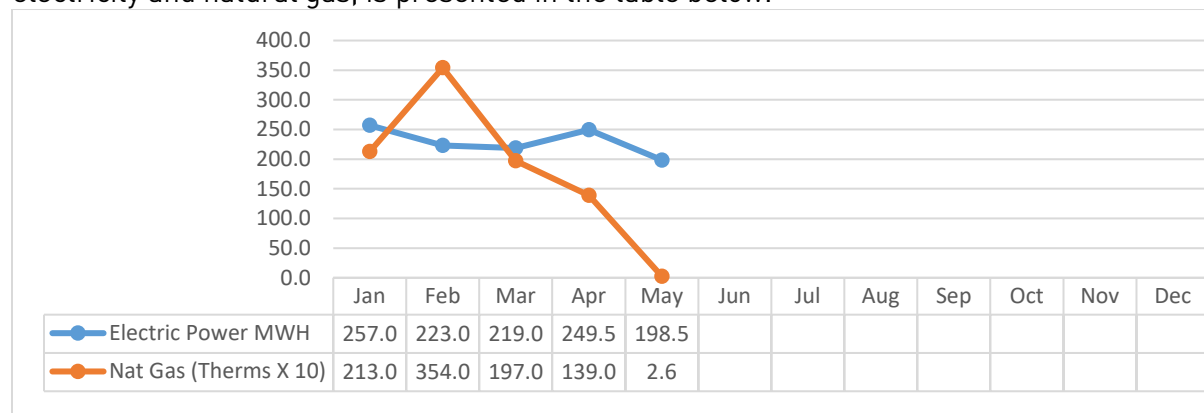
Quality Control Reporting

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.

Energy Management and Sustainability

Energy 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

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



improvements. LED lighting has been installed in commonly used areas to improve energy efficiency.

Sustainability

Middletown received a score of 97 for the GRESB Report submitted in 2023. This was a 6 point increase from the GRESB Report submitted in 2022, and an 81 was received for the GRESB Report submitted in 2021. The 2023 GRESB Report data is being compiled and will be submitted in Q2 of 2024. Objectives will be developed to increase and support biodiversity and sustainability initiatives. The first submission of the 2023 GRESB report was submitted on May 20, 2024.

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	Influent Screen / Compactor	Wet Well	1/13/23	Mechanical Failure	In Progress
WWTP	Fine Screen	Headworks	8/23/23	Mechanical Failure	5/3/24
WWTP	Rotor 1	Ox Ditch 1	4/25/24	Rotor Failure	5/8/24
Water	VFD	Well 4	4/25/24	VFD Failure	In Progress

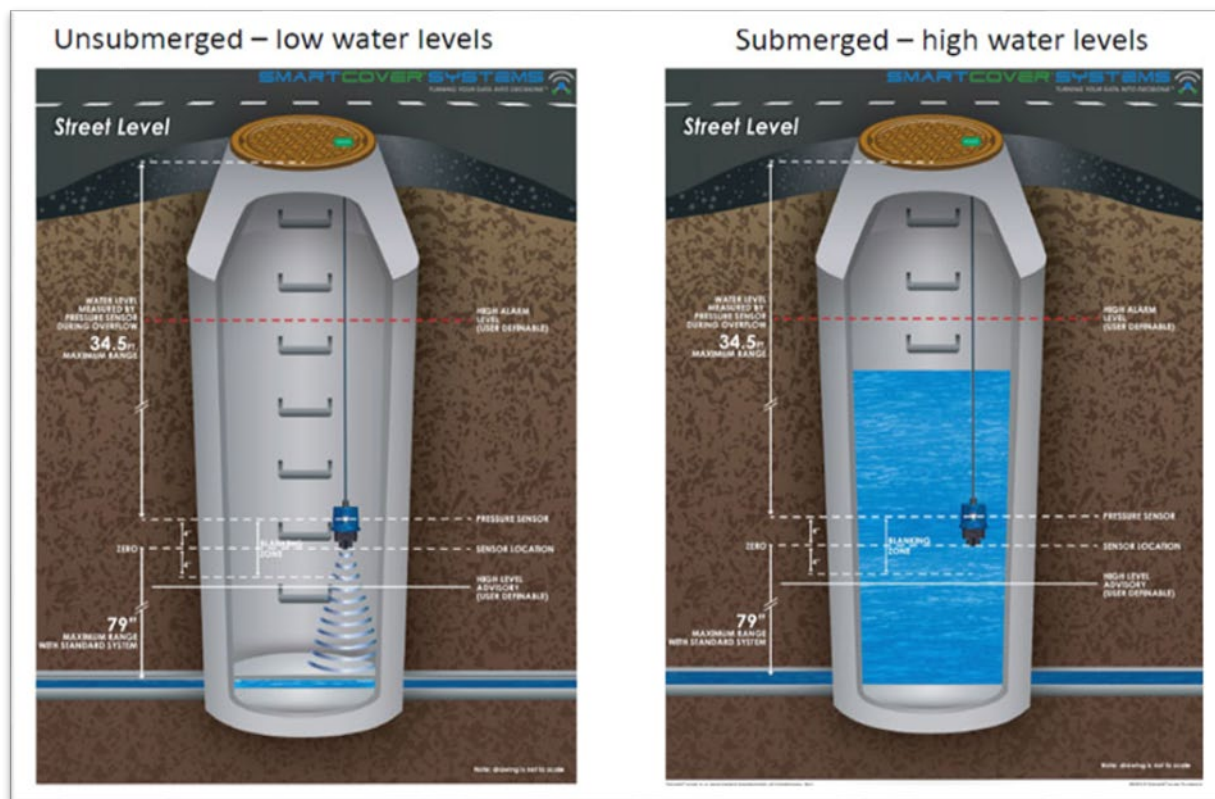
MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



Sanitary Sewer System

SmartCover® Sewer Monitoring System

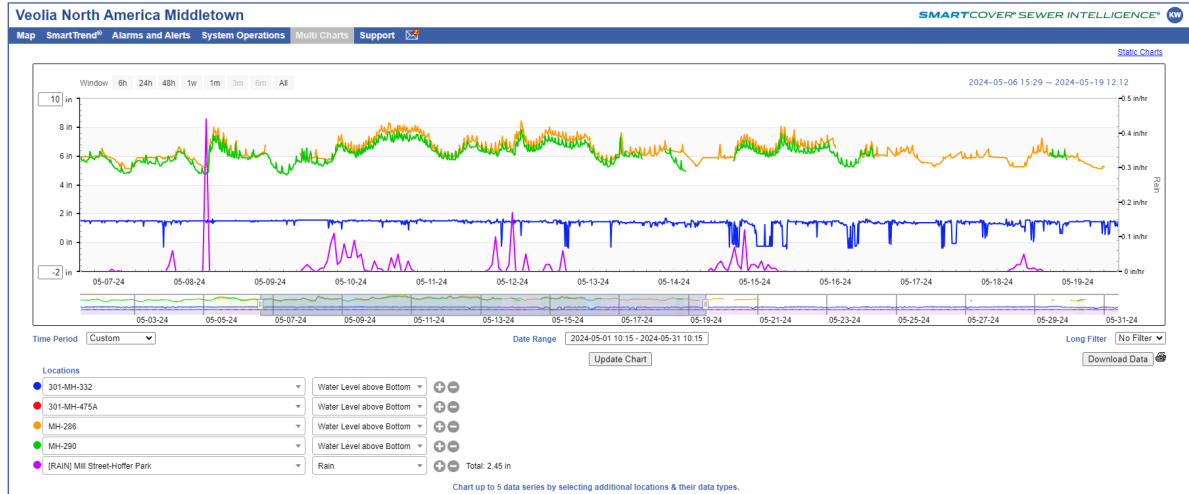


Ultrasonic level sensor (on the left) and pressure transducer (on the right). The covers use level sensing technology to analyze sewer elevations throughout the monitored area. This technology is used to monitor and reduce sanitary sewer overflows (SSO's) at problematic locations. The SmartCovers installed 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".

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



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 Wastewater Mains Cleaned	Ft Water System Leak Detection
Last	0	123	0	0
Current	0	0	0	0
YTD	0	123	0	0

On Target – Good Work	Caution	Significantly Behind Goal
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KPI Comments

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.

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.

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.

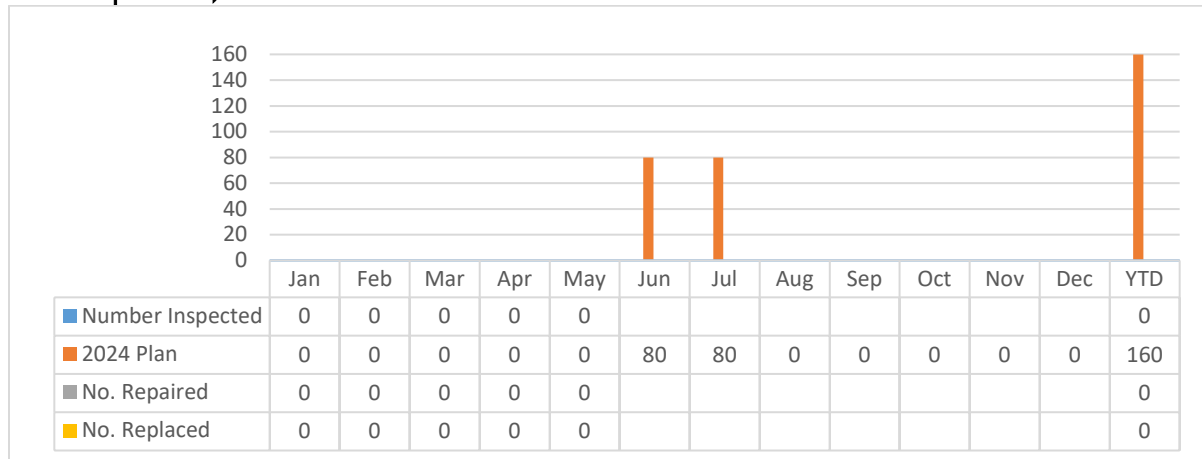
Sanitary Mains Cleaned/CCTV Inspected: The work on this task will be scheduled and completed throughout the year.

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

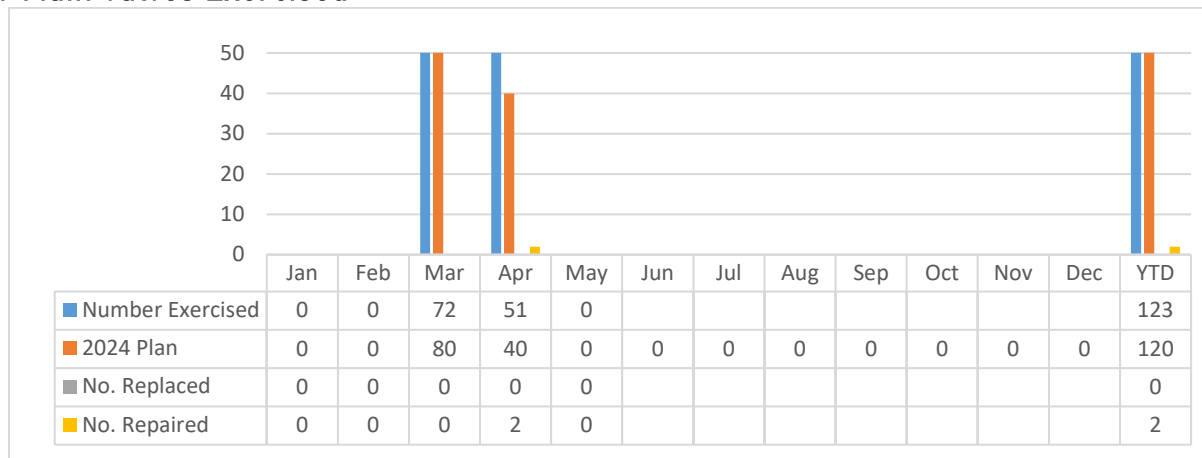
MAY 2024



Hydrants Inspected, Tested and Flushed



Water Main Valves Exercised

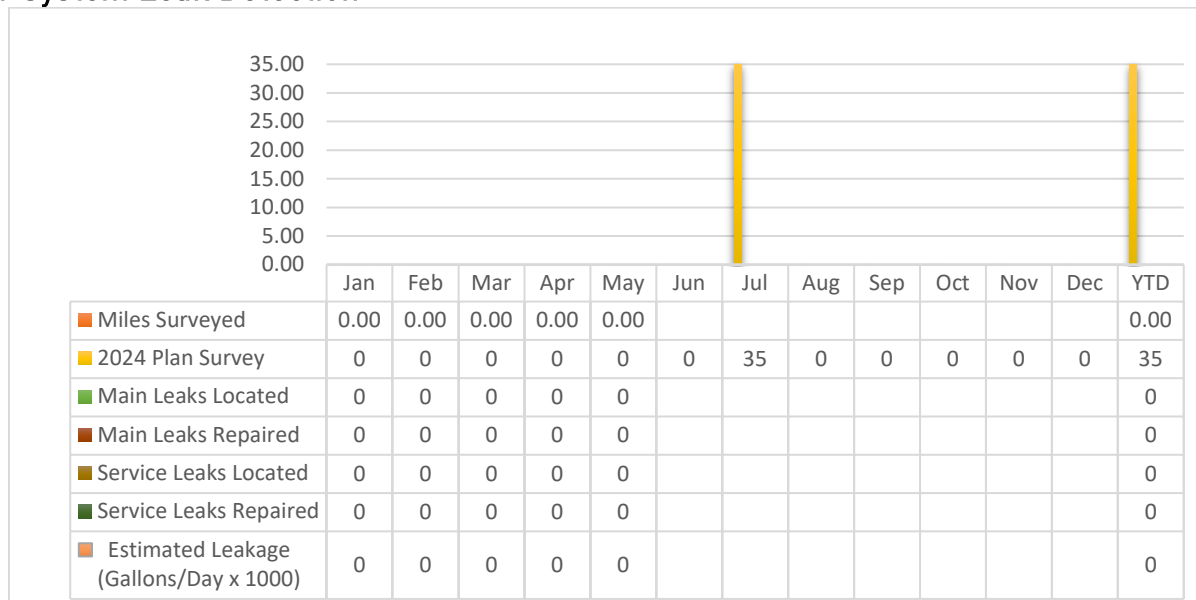


MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

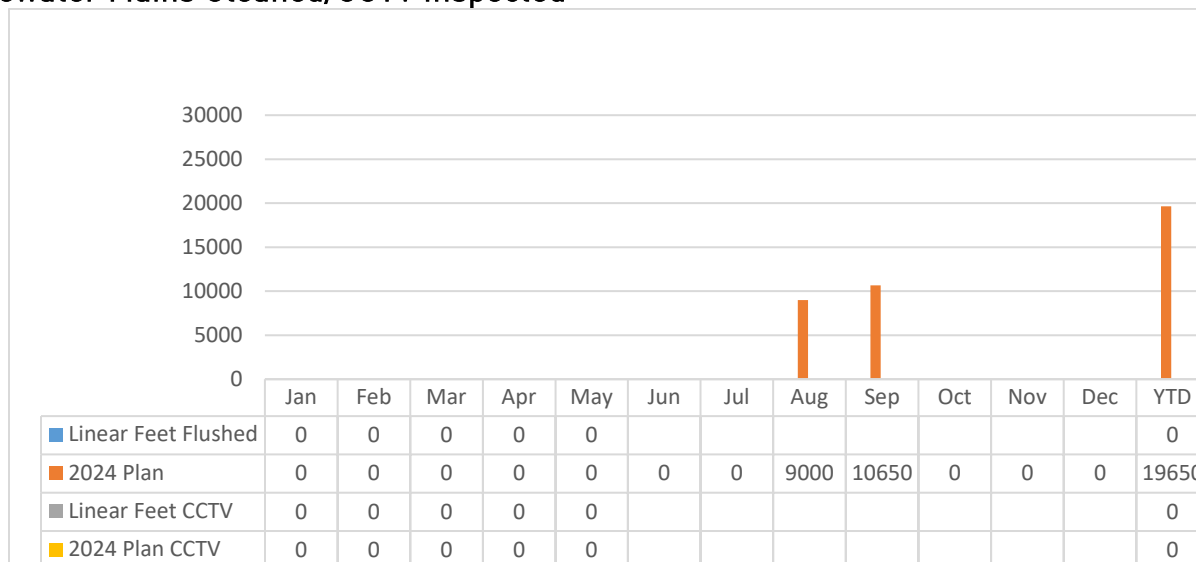
MAY 2024



Water System Leak Detection



Wastewater Mains Cleaned/CCTV Inspected

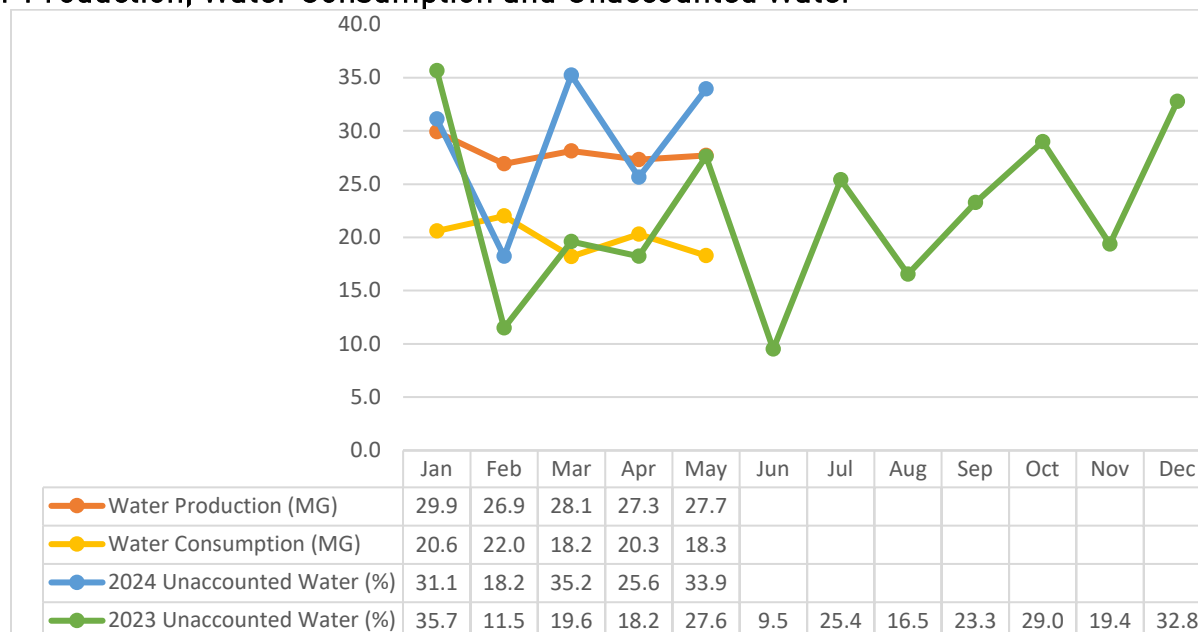


MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024

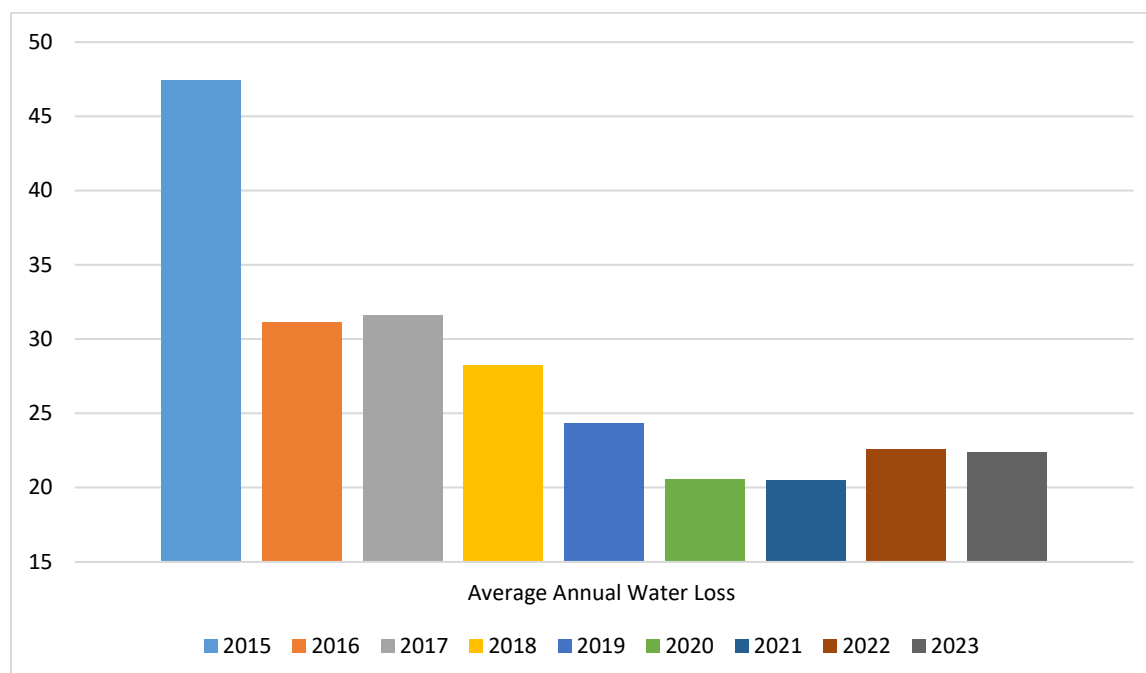


Water Production, Water Consumption and Unaccounted Water



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.

Historical Annual Average Percentage of Unaccounted for Water



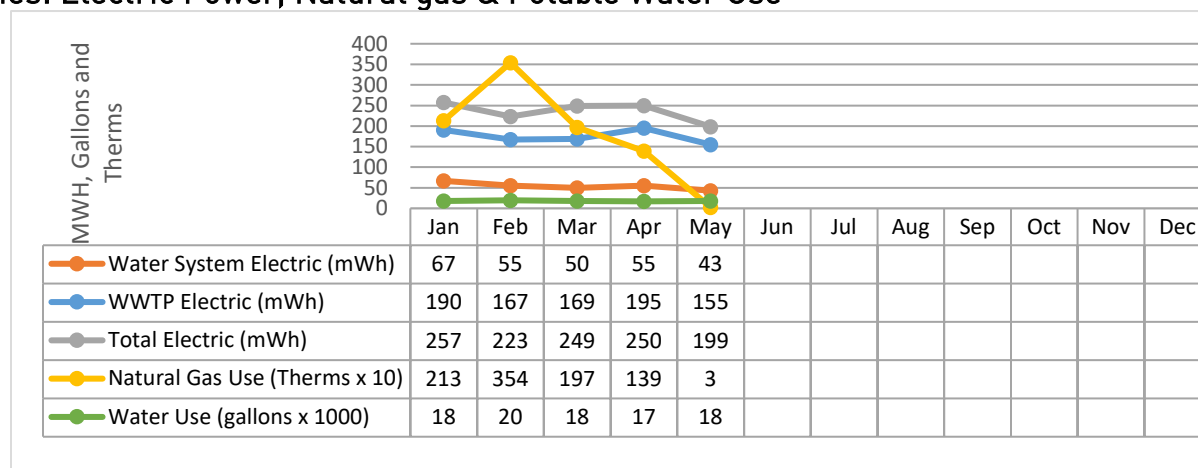
MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



There was a substantial decrease in the average annual water loss percentage from 2015 to 2016 with the completion of the 2015 Underground Infrastructure Replacement Project. There was another substantial decrease from 2019 to 2020 which coincided with the 2016/2019 Underground Infrastructure Replacement Project. The number has stayed relatively steady since 2020 as additional underground infrastructure replacements have been completed.

Utilities: Electric Power, Natural gas & Potable Water Use



Electric utilities for March 2024 were not available on the Engie report. When they become available the chart will be updated.

Process Chemicals: Water and WWTP Treatment

Chemical	Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Hypochlorite (Water)	gal	319	294	323	311	279								1525
Hydrofluorosilic Acid	lbs	455	427	424	379	221								1905
Alum	gal	1430	1350	1443	970	1216								6410
Thickening Polymer	gal	55	62	83	62	76								338
Dewatering Polymer	gal	100	98	98	56	62								414
Chlorine (WWTP)	lbs	423	314	358	394	470								1959
Lime	lbs	2796	4830	4956	2940	3528								19050

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.

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



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 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	1	0	0	1	0								1	1	0	0	2
Water Process	15	0	0	15	0								15	15	0	0	30
Interconnect/Large	0	0	0	2	0								0	2	0	0	2
Small Meter	1	252	0	1	0								253	1	0	0	254
TOTAL	17	252	0	19	0	0	0	0	0	0	0	0	269	19	0	0	288

Upcoming Month Operational Priorities

- Continue utilization of the Lumin 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.
- Begin annual hydrant flushing.
- Continue small meter replacement program.

Customer Service

Highlights

Veolia Middletown closed the 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 May with a total of 762 calls received. Call volume has remained high through May 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 day with bills for services provided in May being mailed to customers on May 29th, 2024 The average gross monthly collection rate for May was 104.1% and 102.73% 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 the same as month. There were no idle meters with consumption this month.

The number of Field Service Requests in May was 51.

In March of 2021, Veolia implemented a new customer bill design. The re-design is helping customers compare the current month's consumption to prior month's consumption. This re-designed format has resulted in an increased number of customers who have subscribed to Auto Pay. Prior to the re-design, we were averaging around 270 customers, now we are up to approximately 446 who have enrolled in the Auto Pay program.

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



Customer Service: Calls by Type

Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	2023	2022
General Acct. Info	5	4	5	5	9								28	101	123
Bill Inquiry	87	89	99	83	73								431	1206	1448
Finals	9	9	16	10	14								58	163	242
New Account	6	6	7	6	3								28	92	118
Meter Reading /Re-Reads	0	0	0	0	0								0	17	13
Payments	421	601	610	598	611								2841	7140	6901
Collection Letter	13	38	40	39	22								152	623	735
Rates	0	6	0	0	1								7	15	9
Complaints	0	0	0	0	0								0	4	0
Sewer	0	0	0	0	0								0	3	6
Leaks	0	2	0	1	0								3	27	15
No/Low Water Pressure	0	1	0	1	0								2	5	8
Copy Of Bill	4	3	0	3	2								12	36	101
Correct. Bills	0	0	1	0	0								1	0	0
Mtr Change Out	0	0	0	0	0								0	1	0
Customer Correspondance	59	74	60	37	55								285	653	763
Discolored/Water Quality	0	0	0	0	0								0	3	1
Calls Referred to SUEZ Hbg	16	21	33	26	27								123	306	414
Calls from City / Other Org	0	0	0	0	0								0	0	0
Compliments	0	0	0	0	0								0	0	1
2024 TOTALS	620	854	871	809	817	0	0	0	0	0	0	0	3971		
2023 TOTALS	899	753	828	858	1003	976	942	882	826	772	781	875	10395		

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

Customer Service: Billing

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.

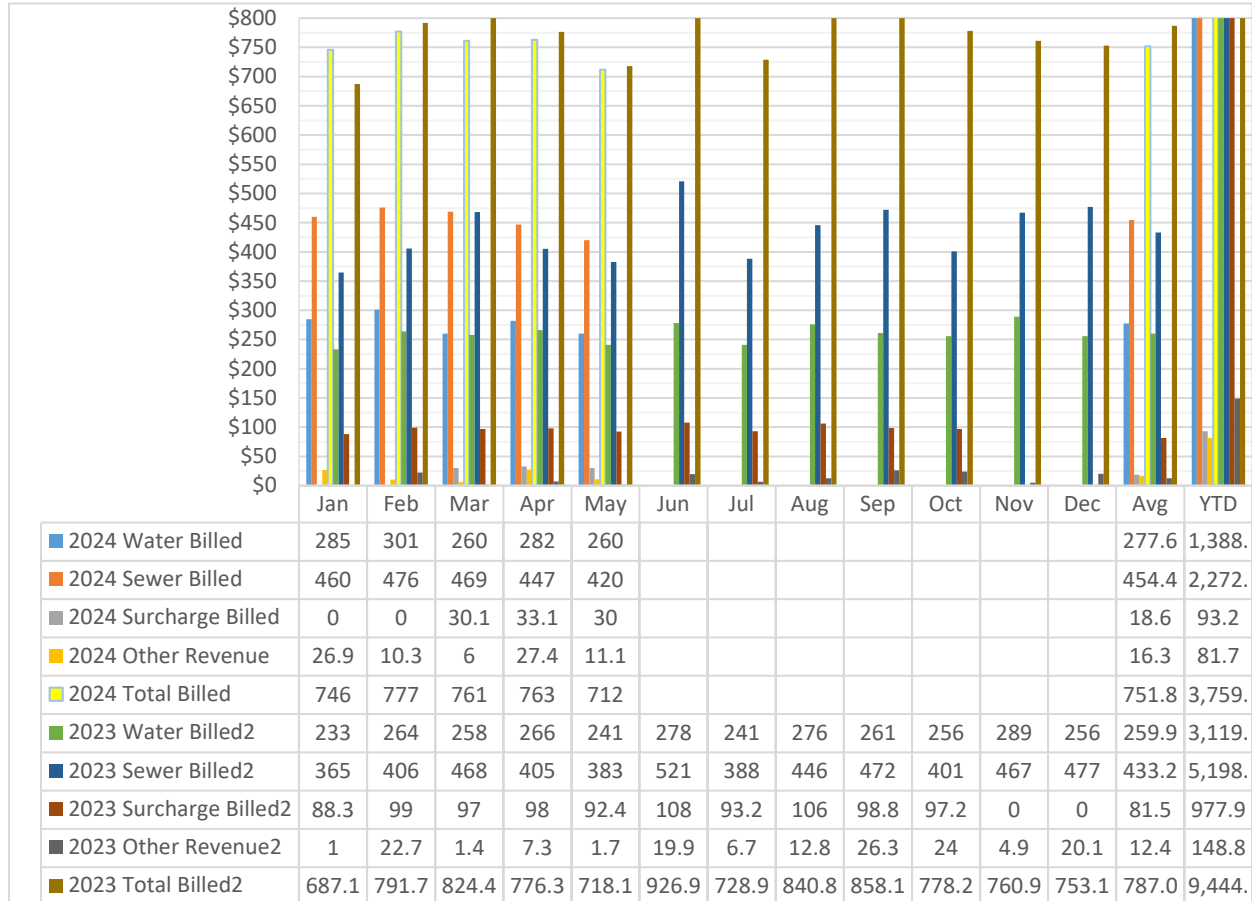
* Neptune is the meter manufacturer

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



Dollars Billed - Water and Sewer (dollars X1000)

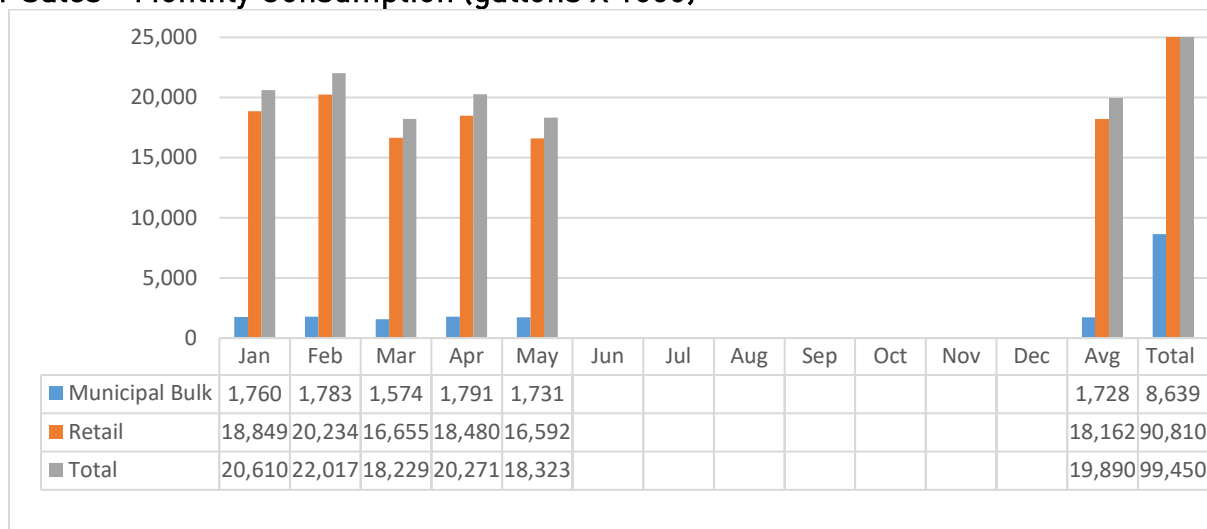


MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

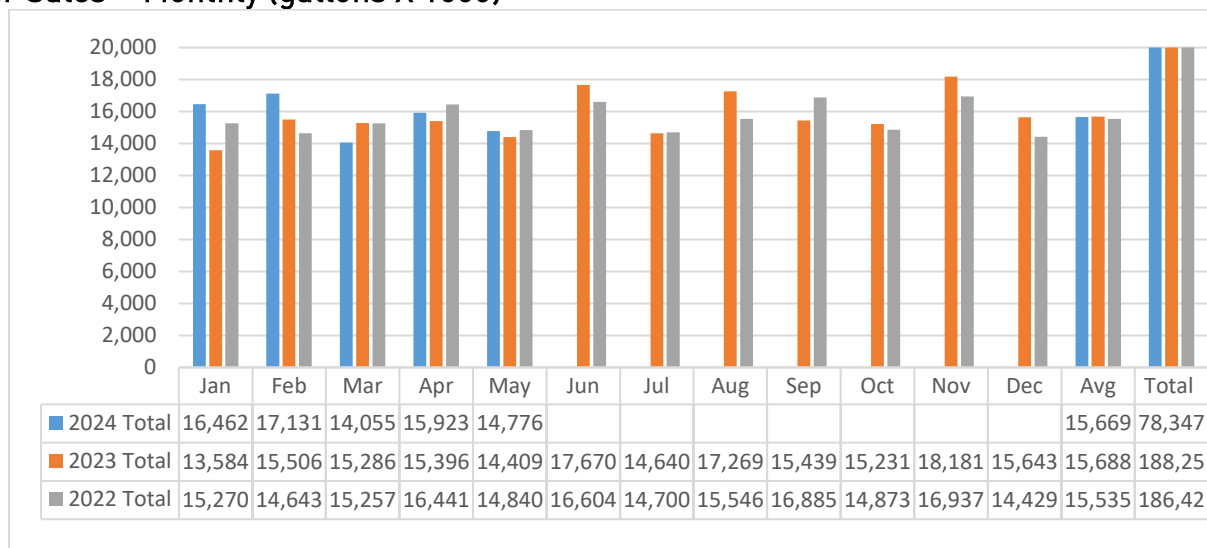
MAY 2024



Water Sales - Monthly Consumption (gallons X 1000)



Sewer Sales - Monthly (gallons X 1000)



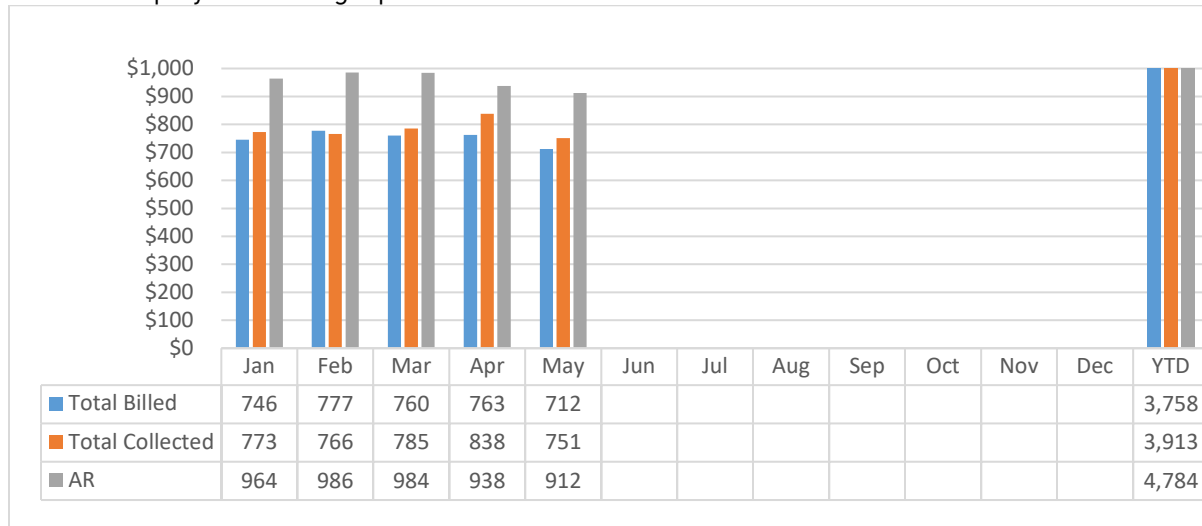
MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024

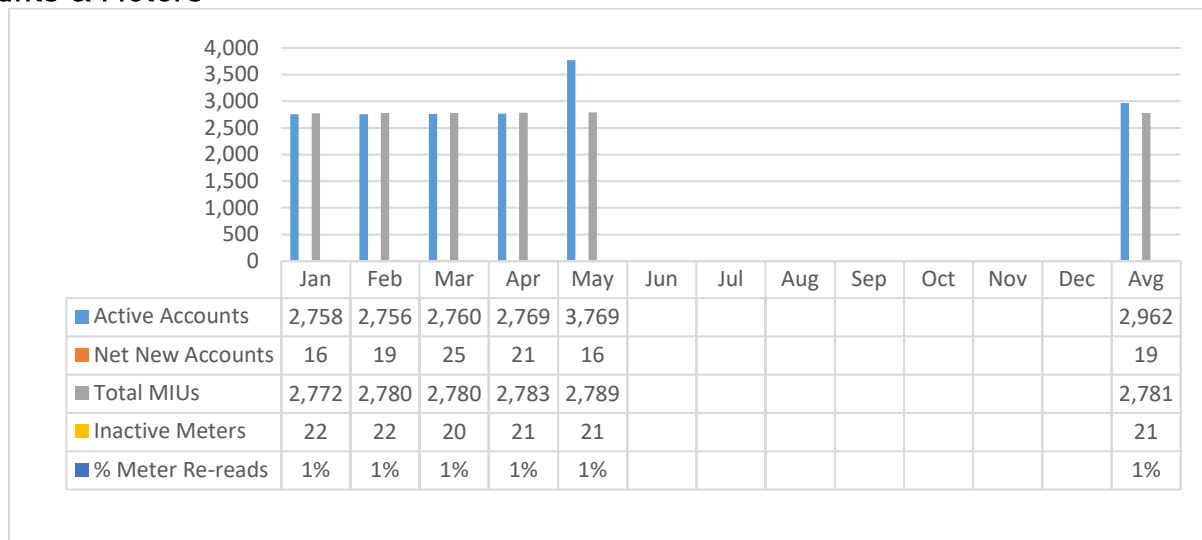


Collections (dollars X 1000)

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



Accounts & Meters

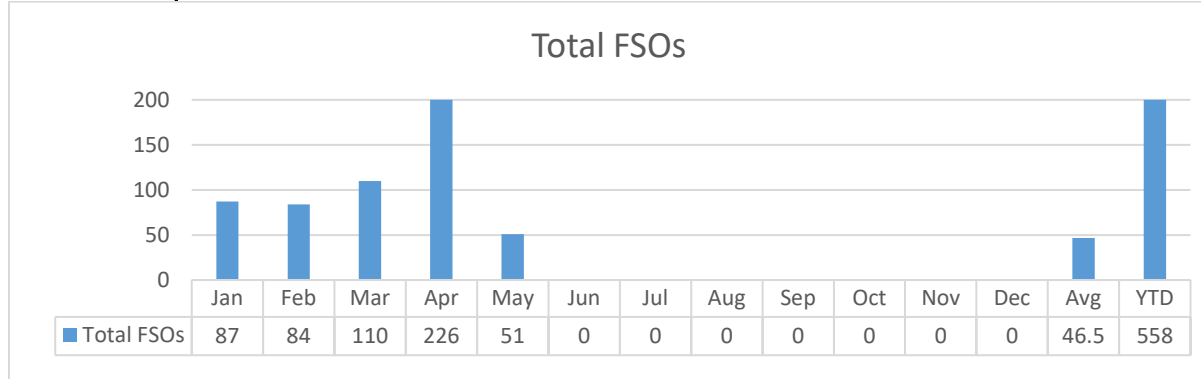


MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



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	0	0	0
Unplanned	0	0	0	0	0								0	0	0	0	0
2024 Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water Quality

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	0	0	0
Discolored	0	0	0	0	0								0	0	0	0	0
Boil Water Notices	0	0	0	0	0								0	0	0	0	0
2024	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 the the sewer and collection system is provide in the table below.

Sewer Quality Complaints Summary

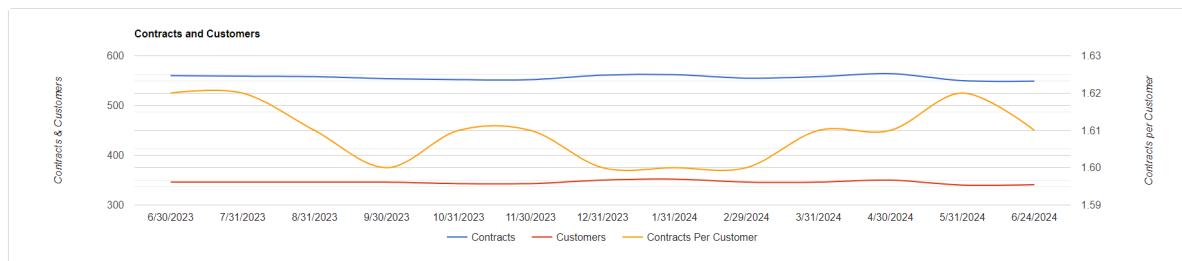
Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	YTD
Back-up / Blockage	0	0	0	0	0								0	0	0	0	0
Odor	0	0	0	0	0								0	0	0	0	0
2024 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023 TOTAL	0	1	0	0	0	0	0	1	2	0	0	0	2	0	3	0	4

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



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 2024.



MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



Water Sales Test Period

Water Sales Test Period No. 3 1/1/2024 to 12/31/2026	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	
														Total	Avg
Total consumption for the month (gallons)	2024	20,610,500	22,016,900	18,229,900	20,271,100	18,323,200								99,451,600	19,890,320
	2025													0	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								90,812,200	18,162,440
	2025													0	0
	2026													0	0
Retail Sales - Average Daily (gallons per day)	2024	608,055	697,738	537,274	616,003	535,242								2,994,312	598,862
	2025													0	0
	2026													0	0
Avg retail water sales (gal)		608,055	697,738	537,274	616,003	535,242								998,104	199,621
Bulk Municipal Sales - Total month (gallons)	2024	1,760,800	1,782,500	1,574,400	1,791,000	1,730,700								8,639,400	1,727,880
	2025													0	0
	2026													0	0
Bulk Municipal - Average Daily (gallons per day)	2024	56,800	61,466	50,787	59,700	55,829								284,582	56,916
	2025													0	0
	2026													0	0
Avg Bulk Customer sales (gal)		56,800	61,466	50,787	59,700	55,829								94,861	18,972
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) = 199,621															
Contract Daily Water Sales Upper Limit (gal/day) = 639,340															

Engineering and Capital Improvements

Capital improvement projects for the water and wastewater systems were developed for 2023 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.
- **Well No. 3 Stripping Tower Rehabilitation Project:** The project will entail the rehabilitation of the existing stripping tower, replacement of the media and the relocation of the blowers inside the building.
- **ATAD & SNDR Reactors Instrumentation Replacement Project:** The project will entail the procurement and installation of a new radar gauge, float switch with stainless steel bracket, and a new pressure transducer.
- **Oxidation Ditch Instrumentation Replacement Project:** The project will entail the procurement and installation of an ultrasonic level probe and a dissolved oxygen (D.O.) probe.
- **Trench Opening Restoration Project:** Project to perform roadway improvements based on the Borough's instructions and most recent roadway opening ordinance requirements.
- **WWTP Electrical Upgrades:** Project to perform improvements on the electrical system within the WWTP.
- **Water and Wastewater Systems Miscellaneous Upgrades:** Project to perform various water and wastewater systems upgrades based on condition assessment and routine inspections
- **Safety Upgrades:** Various environmental health and safety equipment replacement at the WWTP and well sites for safety compliance

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, Storage tank repairs and maintenance, Outfall rehabilitation, Headwork's evaluation, Railroad interceptor modifications and maintenance cleaning, replacement of raw pumps, new disinfection system for wastewater effluent and any Supply/Distribution system improvements.

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



As previously included and pursuant to the dispute resolution process (and as addressed during the August 2020 Operations Committee meeting), the Concessionaire is planning on implementing CAPEX projects required for the overall system, including but not limited to replacement of water mains in accordance with a revised 5-year capital improvement plan. Each project after 2015 had two years associated with it to complete the backlog of capital projects. The first project was the “2015 Underground Infrastructure Upgrades” project which replaced approximately 2,500 LF of water main along Ann Street and Oak Hill Drive. The project was completed by EK Services with substantial completion occurring in June 2016. The second project was the “2016/2019 Underground Infrastructure Upgrades” project, which was fully completed with approximately 5,600 LF of water main replaced as of May 2021 by EK Services. This project focused on High Street and Catherine Street in Middletown. The next project, “2017/2020 Underground Infrastructure Upgrades” involved the replacement of approximately 5,500 LF of critical water mains in the system in addition to the replacement of approximately 1,000 LF of sewer system and upgrades of deteriorating sewer manholes. The locations for this project were along Vine Street and the adjacent streets, as well as Aspen Street. Due to delays in manufacturing and shipping reported by EK Services and characterized as force majeure (in the context of the COVID-19 pandemic), the construction start date was in October 2021 and substantial completion of the project occurred in July 2022. Pictured below is a section of replaced main in the 2017/2020 project.



The current project scheduled is the “2018/2021 Underground Infrastructure Upgrades” which involves approximately 5,000 LF of water main replacement in addition to the replacement of 1,000 LF of sewer system and upgrades of deteriorating sewer manholes in

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



the area comprised of Aspen Street, Juniper Street, Birch Street, Catalpa Street, Spruce Street, Pine Street, and E Roosevelt Avenue. Approximately, 4,000 LF of sewer mains were CCTV'ed for condition assessment and a presentation of the video footage and the analysis with recommendations were delivered at the August 2021 Operating Committee meeting. The project design was completed in October 2021. The project was put out for bid and Wexcon was the apparent low bidder. Wexcon was awarded the project and HRG reviewed and approved the submittals. The project mobilized on January 26, 2023. The wastewater portion of the project was completed in May 2023, and remobilization for the water project occurred in September 2023. The remobilization consisted of the water main and service installation. Substantial completion occurred in late 2023. Paving and grass restorations will occur as weather allows in early 2024.

As previously discussed during the monthly operations meetings and included in the DRAFT Capital Improvement Plan submitted on March 12, 2020, The Concessionaire is planning the rehabilitation of the three (3) water storage tanks in the water system. The design documents were completed (by the Veolia Engineering Department) and the required PADEP Permitting application for the High Street Tank was secured as of July 2021 for the High Street Tank. The project was advertised for bid proposals in July 2021 and only 2 bid proposals were received. The project went out for rebid in October 2021 with a target start date in March 2022 and was distributed to more potential vendors to receive competitive pricing. IK Stoltzfus was the apparent low bidder and awarded the project. The permits for the High Street tank, Union Street tank, and Turnpike Tank have been approved by PA DEP. The High Street tank project mobilized on September 12, 2022, was completed in December 2022, and the tank was returned to service in February 2023. The project involved blasting the interior and exterior of the tank and repainting. Photos of the project are included below which depict the interior and exterior before and after the High Street project. The Turnpike Tank rehabilitation mobilized on August 14, 2023. The blasting and painting concluded in October 2023. The tank was filled, tested and returned to service authorized by PA DEP on November 14, 2023. Photos of the inside and outside of the Turnpike Tank are included below. Rehabilitation of the North Union Street Tank is expected to begin in late Q2/ early Q3 of 2024. Onsite meetings have been held with IK Stoltzfus and AT&T to discuss planning and removal of the existing cables. A cable corral will need to be installed by AT&T prior to the tank blasting.



MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

MAY 2024



High Street tank exterior before and after blasting and painting.



High Street tank interior before and after interior blasting and painting.



Turnpike tank exterior before and after exterior blasting and painting.



MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT MAY 2024



Turnpike tank interior before and after interior blasting and painting.

Capital Improvement Plan

The following DRAFT Capital Improvement Plan was submitted on March 1, 2024. The plan was conditionally approved by the Borough by letter on March 19, 2024.

BOROUGH OF MIDDLETOWN
SEWER COLLECTION, CONVEYANCE, & TREATMENT FACILITIES
DRAFT - 5 Year Capital Improvements Plan (2024-2028)
February 26, 2024

2023 and 5 YEAR CAPITAL IMPROVEMENT PLAN						
	2023	2024	2025	2026	2027	2028
BASE CAPITAL IMPROVEMENTS						
Well No. 4 Rehabilitation Project	\$ 65,000	\$ -			\$ -	\$ -
Well No. 3 Stripping Tower Rehabilitation Project	\$ -	\$ -				
Well Upgrades (Pumps, controls, automation)	\$ 19,000	\$ 51,000	\$ 70,000	\$ 30,000		
Ventilation of ATAD Building Project		\$ -	\$ 20,000			
Fire Alarm System Design Project	\$ -	\$ -			\$ 20,000	
Customer Service Upgrade Project	\$ 10,000					
Blower Building Instrumentation Replacement Project		\$ 10,000				
SCADA Upgrade Project	\$ 35,000	\$ 25,000				
WAS Storage Tank Instrumentation Replacement Project	\$ -	\$ 10,000				
Biofilter Instrumentation Replacement Project	\$ -	\$ -		\$ 50,000		
ATAD & SNDR Reactors Instrumentation Replacement Project	\$ 15,000	\$ -				\$ 15,000
Headworks Instrumentation Replacement Project	\$ -					
Biosolids Processing Instrumentation Replacement Project	\$ -	\$ -		\$ 30,000		
Oxidation Ditch Upgrades Project	\$ -	\$ 30,000				
Scum Pump Station Instrumentation Replacement Project	\$ -	\$ -			\$ 30,000	\$ 40,000
WWTP Facilities Security Upgrades Project	\$ 10,000	\$ 20,000	\$ 10,000	\$ 20,000	\$ 20,000	\$ 10,000
Well Facilities Security Upgrades Project		\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Clarifier Replacement Project						
Trench Opening Restoration Project	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Water and WWTP System Evaluations	\$ 28,750	\$ 40,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
WWTP Electrical Upgrades	\$ -	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 65,000
Water and Wastewater Systems Miscellaneous Upgrades	\$ 170,000	\$ 150,000	\$ 180,000	\$ 160,000	\$ 235,000	\$ 169,000
Safety Upgrades	\$ -	\$ 10,000	\$ 10,000	\$ 20,000	\$ 20,000	\$ 55,000
TOTAL BASE CAPITAL IMPROVEMENTS *	\$ 402,750	\$ 411,000	\$ 405,000	\$ 425,000	\$ 440,000	\$ 454,000
PROPOSED YEARLY BUDGET FOR BASE CAPITAL PROJECTS **	\$ 401,290	\$ 411,724	\$ 422,428	\$ 433,412	\$ 444,680	\$ 456,242
MAJOR CAPITAL IMPROVEMENTS						
	2023	2024 *	2025 *	2026 *	2027 *	2028 *
Underground Infrastructure Replacements (2026 - 2028)				\$ 2,610,226	\$ 2,659,820	\$ 2,710,356
Underground Infrastructure Replacements (2016) (Complete)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2017) (Complete)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2018)	\$ 696,023	\$ 690,000	\$ -	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2019) (Complete)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2020) (Complete)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2021)***	\$ 696,023	\$ 690,000	\$ -	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2022)		\$ 555,000	\$ 1,732,000	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2023)		\$ 55,000	\$ 2,339,090	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2024)		\$ 55,000	\$ 2,458,794	\$ -	\$ -	\$ -
Underground Infrastructure Replacements (2025)		\$ 55,000	\$ -	\$ 2,506,556	\$ -	\$ -
Water Storage Tank Rehabilitation - Union Street		\$ 1,424,275	\$ -	\$ -	\$ -	\$ -
Water Storage Tank Rehabilitation - High Street	\$ 227,293	\$ -	\$ -	\$ -	\$ -	\$ -
Water Storage Tank Rehabilitation - Turnpike	\$ 631,113	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Wastewater Plant Upgrades			\$ 1,093,750	\$ -	\$ -	\$ -
Water System Upgrades				\$ 920,000		
Headworks Upgrade (bar screen, pump, wiring, etc.)	\$ -	\$ 920,000	\$ -	\$ -	\$ -	\$ -
Contingency (5%)		\$ 227,214	\$ 381,182	\$ 301,839	\$ 132,991	\$ 135,518
TOTAL MAJOR PROJECTS	\$ 2,250,452	\$ 4,771,489	\$ 8,004,816	\$ 6,338,621	\$ 2,792,811	\$ 2,845,874
REGULATORY COMPLIANCE						
WWTP Effluent Outfall Rehabilitation ****			\$ 620,000			
Lead Service Line Inventory*****		\$ 75,000	\$ 150,000	\$ 150,000	\$ 150,000	
PFAS*****			\$ 500,000	\$ 500,000		
TOTAL CAPEX	\$ 2,651,742	\$ 5,183,212	\$ 9,047,244	\$ 6,772,032	\$ 3,237,491	\$ 3,302,116

NOTES:

* All costs are in 2023

** Consumer Price Index rate of 2.6% (as of December 2023) is applied to the "Proposed Yearly Budget for Base Capital Projects" based on the Concessionaire Agreement

*** Paving to be completed in 2024

**** Subject to PADEP direction and regulations (Cost estimate in 2023 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 2024 due to EPA/PA DEP regulations.

Environment, Health & Safety

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Environmental Incidents – Regulatory (PADEP/USEPA) notifications	0	0	0	0	0								0
Concessionaire Notifications	0	0	0	0	0								0
Incident Email Notifications	0	0	0	0	0								0
Environmental Incidents –Hotline notifications	0	0	0	0	0								0
Environmental Incidents –Hotline notifications/chemical spills	0	0	0	0	0								0
Non-compliance – violations	0	0	0	0	0								0
Reporting non-compliance	0	0	0	0	0								0
Safety related incidents – OSHA lost time	0	0	0	0	0								0
Total days lost	0	0	0	0	0								0
Safety related incidents – Preventable	0	1	0	0	0								1
Safety related – Near Miss	0	0	0	0	0								0
Employee lost-time – not job-related – total as sick hours	45.5	87.5	27.5	16	45								221.5

On Target	Caution	Meets/Exceeds Target
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One safety related incident occurred in February where a hinged grate fell on an employee's finger. It was not a lost time accident and the employee was placed on restricted duty while their finger healed.

MIDDLETOWN MONTHLY REPORT

APPENDIX 1 WASTEWATER

MIDDLETOWN WWTP MONTHLY DISCHARGE MONITORING REPORT (eDMR) SUBMISSION SUPPLEMENTAL WWTP PROCESS CONTROL & OPERATIONAL DATA

&

SMARTCOVER® MONITORING SYSTEM REPORT



Webb, Kodi <kodi.webb@veolia.com>

Your eDMR Report Has Been Received For Permit No. PA0020664

1 message

depgreenporthelpdesk@state.pa.us

Thu, Jun 27, 2024 at 4:36

<depgreenporthelpdesk@state.pa.us>

PM

To: kodi.webb@veolia.com, mitchell.swartz@suez-na.com, jesse.randles@suez.com,
michael.barger@veolia.com, glank@penntwp.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: 05/01/2024-05/31/2024

Report Due Date: 06/28/2024

Submitted By: Kodi Webb

Submission Id: 464348

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.



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

PERMIT NUMBER

001

OUTFALL NUMBER

MONITORING PERIOD

YEAR

MO

DAY

2024

05

01

TO

YEAR

MO

DAY

2024

05

31

Reporting Frequency: Monthly

DMR Effective From: 05/01/2024

DMR Effective To: 05/31/2024

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	***	***	***	7.66	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***		5.0 Daily Min	***	***		1/day	Grab
pH (00400)	Sample Measurement	***	***	***	7.3	***	7.8	S.U.	1/day	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	< 11	14	lbs/day	***	< 1.0	2.0	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	***	***	***	***	< 3.1	***	mg/L	1/month	Calculation
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		1/month	Calculation
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	< .09	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Total Kjeldahl Nitrogen (00625)	Sample Measurement	***	***	***	***	< 3.1	***	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	***	***	***	***	< 2.4	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	6	***	lbs/day	***	.64	***	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	1.208	1.893	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	.30	.91	mg/L	1/day	Grab
	Permit Requirement	***	***		***	.5 Avg Mo	1.6 IMAX		1/day	Grab
Total Nitrogen (Total Load, lbs) (51445)	Sample Measurement	< 935.7	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Ammonia-Nitrogen (Total Load, lbs) (51446)	Sample Measurement	< 25.9	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Kjeldahl Nitrogen (Total Load, lbs) (51449)	Sample Measurement	< 935.7	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Nitrate-Nitrite as N (Total Load, lbs) (51450)	Sample Measurement	< 729.3	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Phosphorus (Total Load, lbs) (51451)	Sample Measurement	183	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Fecal Coliform (74055) (May-Sep)	Sample Measurement	***	***	***	***	< 6	98	No./100 ml	2/week	Grab
	Permit Requirement	***	***		***	200 Geo Mean	1000 IMAX		2/week	Grab



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

Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	< 24	< 32	lbs/day	***	< 2.0	< 3.0	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										



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
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 05/01/2024
DMR Effective To: 05/31/2024
Permit Expires: 02/28/2026
Permit Application Due: 09/01/2025
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	05	01	TO	2024	05	31

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	< 935.7	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Phosphorus (Total Load, lbs) (51451)	Sample Measurement	171.1	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Facility Sampling Point Comments										



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
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 05/01/2024
DMR Effective To: 05/31/2024
Permit Expires: 02/28/2026
Permit Application Due: 09/01/2025
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	05	01	TO	2024	05	31

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	1088	1992	lbs/day	***	113	***	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	574	1233	lbs/day	***	60	***	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										



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
5-24 Influent Final.xls	Influent and Process Control Form	2024-06-27T16:35:51-04:00	
5-24 Effluent Supplemental Final.xlsx	Daily Effluent Monitoring Form	2024-06-27T16:35:32-04:00	
5-24 Biosolids.xls	Sewage Sludge / Biosolids Production and Disposal Form	2024-06-27T16:35:02-04:00	
2024 Annual_Chesapeake_Bay_Spreadsheet_v2.2 .xlsm	Annual Chesapeake Bay Spreadsheet	2024-06-27T16:36:21-04:00	

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
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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
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OTHER PERMIT VIOLATIONS

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

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Kodi Webb	23501	(717)-388-1759

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).	Kodi Webb	TELEPHONE		DATE		
		(717)	209-2736	2024	06	27
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

3800-FM-BCW0436 3/2012

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

Month: May Year: 2024
NPDES Permit No.: PA0020664
Renewal application due 180 days prior to expiration.
This permit will expire on: February 28, 2026

Day	Influent					Process Control				
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	1.034							20,000		
2	0.988							23,000		
3	1.109							20,000		
4	1.287							20,000		
5	1.474							20,000		
6	1.209	120.0	1,210	56.0	565			20,000		
7	1.153	118.0	1,135	76.0	731			25,000		
8	1.006							20,000		
9	0.951							20,000		
10	1.893							20,000		
11	1.591							20,000		
12	1.591							20,000		
13	1.280	55.9	597	26.0	278			18,000		
14	1.560	61.1	795	30.0	390			18,000		
15	1.613							18,000		
16	1.315							20,000		
17	1.252							20,000		
18	1.271							20,000		
19	1.186							20,000		
20	1.160	137.0	1,326	70.0	677			25,000		
21	1.015	120.0	1,016	51.0	432			27,000		
22	1.042							20,000		
23	1.017							20,000		
24	1.018							20,000		
25	1.008							20,000		
26	1.006							20,000		
27	1.071	223.0	1,992	138.0	1,233			20,000		
28	1.112	68.2	633	31.0	288			23,000		
29	1.524							25,000		
30	1.062							25,000		
31	0.647							25,000		
Avg	1.208	113	1,088	60	574			21,032		
Max	1.893	223	1,992	138	1,233			27,000		

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: Kodi Webb
Title: Project Manager

License No.: 23501
Date: 6/26/2024

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

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

Month: **5** (select number) Year: **2024**
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
1	Sun	4/28/24																	
	Mon	4/29/24																	
	Tue	4/30/24																	
	Wed	5/1/24	1.034		7.8		7.66		0.7									<	2.0
	Thu	5/2/24	0.988		7.7		7.92		0.64										
	Fri	5/3/24	1.109		7.7		8.08		0.52										
	Sat	5/4/24	1.287		7.8		8.45		0.2										
2	Sun	5/5/24	1.474		7.7		8.36		0.24										
	Mon	5/6/24	1.209		7.6		8.22		0.21	<	0.02	<	2.0	0.04	<	1.0			
	Tue	5/7/24	1.153		7.7		8.3		0.29	<	0.02	<	2.0	0.07	<	1.0	<	2.0	
	Wed	5/8/24	1.006		7.7		7.96		0.23								<	2.0	
	Thu	5/9/24	0.951		7.6		7.86		0.91										
	Fri	5/10/24	1.893		7.6		8.18		0.26										
	Sat	5/11/24	1.591		7.7		8.56		0.38										
3	Sun	5/12/24	1.591		7.6		8.56		0.08										
	Mon	5/13/24	1.28		7.5		8.6		0.31	<	0.02		3.6	0.08	<	1.0			
	Tue	5/14/24	1.56		7.6		8.66		0.24	<	0.02	<	2.0	0.1		1.0		98.0	
	Wed	5/15/24	1.613		7.6		8.55		0.25									15.0	
	Thu	5/16/24	1.315		7.5		8.49		0.27										
	Fri	5/17/24	1.252		7.5		8.59		0.3										
	Sat	5/18/24	1.271		7.5		8.55		0.69										
4	Sun	5/19/24	1.186		7.5		8.34		0.42										
	Mon	5/20/24	1.16		7.7		8.41		0.32	<	0.02	<	2.0	1.01		2.0			
	Tue	5/21/24	1.015		7.7		8.63		0.37	<	0.02		4.0	1.14		1.0		3.0	
	Wed	5/22/24	1.042		7.8		8.27		0.27								<	2.0	
	Thu	5/23/24	1.017		7.6		8.27		0.42										
	Fri	5/24/24	1.018		7.7		8.4		0.21										
	Sat	5/25/24	1.008		7.5		8.45		0.19										
5	Sun	5/26/24	1.006		7.5		8.88		0.22										
	Mon	5/27/24	1.071		7.8		8.25		0.2		0.04	<	2.0	1.31	<	1.0			
	Tue	5/28/24	1.112		7.7		8.19		0.32	<	0.02	<	2.0	1.38	<	1.0		3.0	
	Wed	5/29/24	1.524		7.7		8.23		0.26									33.0	
	Thu	5/30/24	1.062		7.3		8.24		0.49										
	Fri	5/31/24	0.647		7.6		8.43		0.35										
	Sat	6/1/24																	
Statistics for DMR																			
Daily Minimum (Conc.):					7.3		7.66		0.08	<	0.02	<	2	0.04	<	1	<	2	
Daily Maximum (Conc.):					7.8		8.88		0.91		0.04		4	1.38		2		98	
Max Avg Weekly (Conc.):							8.57		0.5	<	0.03	<	3	1		2			
Avg Monthly (Conc.):							8.34		0.3	<	0.02	<	2	0.64	<	1			
Geometric Mean (Conc.):																	<	6	
Max Avg Weekly (Load):			1.412				101		5	<	0.3	<	32	12		14			
Avg Monthly (Load):			1.208				84		3	<	0.2	<	24	6	<	11			
Total Monthly (Load):			37.445				2609		104	<	7	<	750	183	<	346			
Daily Minimum (Load):			0.647				45		1	<	0.2	<	18	0.4		8			
Daily Maximum (Load):			1.893				129		7		0.4		38	13		19			

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Prepared By: Kodi Webb
Title: Project Manager

License No.: 23501
Date: 6/26/2024

Average Weekly Statistics																			
Week 1 (Conc):						8.03		0.5										<	
Week 2 (Conc):						8.21		0.4	<	0.02	<	2		0.06	<	1	<		
Week 3 (Conc):						8.57		0.3	<	0.02	<	2.8		0.09	<	1	<		
Week 4 (Conc):						8.4		0.3	<	0.02	<	3		1.08		2	<		
Week 5 (Conc):						8.37		0.3	<	0.03	<	2		1.35	<	1			
Week 1 (Load):		1.105				74		5										<	
Week 2 (Load):		1.325				91		4	<	0.2	<	20		0.5	<	10	<		
Week 3 (Load):		1.412				101		3	<	0.2	<	32		1	<	12			
Week 4 (Load):		1.064				74		3	<	0.2	<	27		10		14	<		
Week 5 (Load):		1.07				75		3	<	0.3	<	18		12	<	9			

Month: May Year: 2024
NPDES Permit No.: PA0020664
Renewal application due 180 days prior to expiration
This permit will expire on: February 28, 2026

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

TOTAL:

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	9.11			
Type of Disposal/Use*	Agricultural Utilization			
Hauler Name	BORO. MIDDLETOWN			

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License No.: 23501
Date: June 26, 2024

[illegible]

[illegible]

[illegible]

	4/26/24	1.168																				
	4/27/24	1.184																				
	4/28/24	1.098																				
	4/29/24	1.090		0.39		3.5		1.05		9.5		2.06		18.7	<	1.92	<	17.5	<	3.98	<	36.2
	4/30/24	1.042		0.29		2.5		0.66		5.7		1.55		13.5	<	1.41	<	12.3	<	2.96	<	25.7
	5/1/24	1.034																				
	5/2/24	0.988																				
	5/3/24	1.109																				
	5/4/24	1.287																				
	5/5/24	1.474																				
	5/6/24	1.209		0.04		0.4	<	0.02	<	0.2	<	0.5	<	5.0	<	3.8	<	38.3	<	4.30	<	43.4
	5/7/24	1.153		0.07		0.7	<	0.02	<	0.2	<	0.5	<	4.8	<	3.24	<	31.2	<	3.74	<	36.0
	5/8/24	1.006																				
	5/9/24	0.951																				
	5/10/24	1.893																				
	5/11/24	1.591																				
	5/12/24	1.591																				
	5/13/24	1.280		0.08		0.9	<	0.02	<	0.2	<	0.5	<	5.3	<	1.78	<	19.0	<	2.28	<	24.3
	5/14/24	1.560		0.1		1.3	<	0.02	<	0.3		0.56		7.3	<	1.85	<	24.1	<	2.41	<	31.4
	5/15/24	1.613																				
	5/16/24	1.315																				
	5/17/24	1.252																				
	5/18/24	1.271																				
	5/19/24	1.186																				
	5/20/24	1.160		1.01		9.8	<	0.02	<	0.2		0.57		5.5	<	2.54	<	24.6	<	3.11	<	30.1
	5/21/24	1.015		1.14		9.7	<	0.02	<	0.2		0.63		5.3	<	2.31	<	19.6	<	2.94	<	24.9
	5/22/24	1.042																				
	5/23/24	1.017																				
	5/24/24	1.018																				
	5/25/24	1.008																				
	5/26/24	1.006																				
	5/27/24	1.071		1.31		11.7		0.04		0.4		0.72		6.4	<	1.7	<	15.2	<	2.42	<	21.6
	5/28/24	1.112		1.38		12.8	<	0.02	<	0.2		0.72		6.7	<	2.98	<	27.6	<	3.70	<	34.3
	5/29/24	1.524																				
	5/30/24	1.062																				
	5/31/24	0.647																				
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Avg	1.4708		0.2		2.2	<	0.47	<	5	<	0.97	<	11.3	<	4.46	<	57.3	<	5.44	<	68.6
Annual Total Mass Loads (lbs):				787			<	1842			<	4123			<	20908			<	25034	

P Credits Generated: 1289

N Credits Generated: 1673

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Prepared By: **Kodi Webb**
Title: **Project Manager**

License No.: **23501**
Date: **6/26/2024**

Monthly Statistics

Monthly Total Mass Loads (lbs)

<u>Month</u>	<u>Total Phosphorus (TP)</u>	<u>NH₃-N</u>	<u>TKN</u>	<u>NO₂+NO₃ as N</u>	<u>Total Nitrogen (TN)</u>
October	49	212.3	322.9	< 766.2	< 1090.4
November	27.4	184.3	354.2	1400.3	1754.5
December	29.3	< 113.6	< 300.7	< 2165.8	< 2466.5
January	26.6	211.6	< 385.6	< 2836	< 3221.6
February	32	< 154.5	< 368.6	< 2415.3	< 2784
March	51.4	< 240.1	< 423.2	< 2553.1	< 2976.3
April	132.1	81.5	< 385.7	< 1182.6	< 1568.4
May	171.1	< 25.9	< 206.3	< 729.3	< 935.7
June					
July					
August					
September					

Average Monthly Concentrations (mg/L)

<u>Month</u>	<u>Total Phosphorus (TP)</u>	<u>NH₃-N</u>	<u>TKN</u>	<u>NO₂+NO₃ as N</u>	<u>Total Nitrogen (TN)</u>
October	0.24	0.96	1.41	< 3.06	< 4.47
November	0.1	0.68	1.21	4.25	5.46
December	0.07	< 0.37	< 0.79	< 4.62	< 5.42
January	0.06	0.4	< 0.77	< 5.44	< 6.21
February	0.09	< 0.4	< 1	< 7.26	< 8.26
March	0.13	< 0.65	< 1.11	< 6.37	< 7.49
April	0.31	0.22	< 0.78	< 2.89	< 3.68
May	0.6	< 0.09	< 0.69	< 2.4	< 3.1
June					
July					
August					
September					

VEOLIA Middletown WWTP

May, 2024

DATE	EFF	M.J. Reider Composite Sample Test Results																			
	FLOW	BOD		CBOD		%Remov	SUSPENDED SOLIDS				%Remov	TP		FEC.	NH3		NO2-NO3		TKN		
	MGD	INFLUENT		EFFLUENT			INFLUENT		EFFLUENT			EFFLUENT	COLIF.	EFFLUENT		EFFLUENT		EFFLUENT		EFF	
		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
01	1.034													<2							
02	0.988																				
03	1.109																				
04	1.287																				
05	1.474																				
06	1.209	120	1,210	<2.0	<20.16	98.3	56	565	<1.0	10.08	98.2	0.04	0.40		<0.02	<0.20	<3.8	<38.31	<0.5	<5.04	<4.30
07	1.153	118	1,135	<2.0	<19.23	98.3	76	731	<1.0	9.61	98.7	0.07	0.67	<2	<0.02	<0.19	<3.2	<31.15	<0.5	<4.81	<3.74
08	1.006													<2							
09	0.951																				
10	1.893																				
11	1.591																				
12	1.591																				
13	1.280	56	597	3.6	38.44	93.6	26	278	<1.0	10.68	96.2	0.08	0.85		<0.02	<0.21	<1.8	<19.01	<0.5	<5.34	<2.28
14	1.560	61	795	<2.0	<26.02	96.7	30	390	1.0	13.01	96.7	0.10	1.30	98	<0.02	<0.26	<1.9	<24.07	0.6	7.28	<2.41
15	1.613													15							
16	1.315																				
17	1.252																				
18	1.271																				
19	1.186																				
20	1.160	137	1,326	<2.0	<19.35	98.5	70	677	2.0	19.35	97.1	1.01	9.77		<0.02	<0.19	<2.5	<24.58	0.6	5.52	<3.11
21	1.015	120	1,016	4.0	33.86	96.7	51	432	1.0	8.47	98.0	1.14	9.65	3	<0.02	<0.17	<2.3	<19.56	0.6	5.33	<2.94
22	1.042													<2							
23	1.017																				
24	1.018																				
25	1.008																				
26	1.006																				
27	1.071	223	1,992	<2.0	<17.87	99.1	138	1,233	<1.0	8.93	99.3	1.31	11.70		0.04	0.36	<1.7	<15.19	0.7	6.43	<2.42
28	1.112	68	633	<2.0	<18.55	97.1	31	288	<1.0	9.28	96.8	1.38	12.80	3	<0.02	<0.19	<3.0	<27.64	0.7	6.68	<3.70
29	1.524													33							
30	1.062																				
31	0.647																				

REVISED

TN
FLUENT
LBS.
<43.4
<36.0
<24.3
<31.4
<30.1
<24.9
<21.6
<34.3

VEOLIA Middletown WWTP
Daily Effluent Grab Monitoring / Weather

May

2024

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	0745	0745	7.80	7.70	1.29	7.66	7.71	-0.65	0.70	.69	1.44	19.5	470.00	OX DITCH 1 OUT OF SERVICE
02	MB	0815	0815	7.70	7.70	0.00	7.92	7.93	-0.13	0.64	.64	.00	19.5	308.00	OX DITCH 1 OUT OF SERVICE
03	MB	0953	0953	7.70	7.70	0.00	8.08	8.07	0.12	0.52	.52	.00	19.6	287.00	OX DITCH 1 OUT OF SERVICE
04	MB	1241	1241	7.80	7.70	1.29	8.45	8.44	0.12	0.20	.21	-4.88	18.7		OX DITCH 1 OUT OF SERVICE
05	AB	0946	0946	7.70	7.70	0.00	8.36	8.34	0.24	0.24	.24	.00	18.1		OX DITCH 1 OUT OF SERVICE
06	MB	0946	0946	7.60	7.70	-1.31	8.22	8.31	-1.09	0.21	.22	-4.65	18.8	299.00	OX DITCH 1 OUT OF SERVICE
07	MB	0805	0805	7.70	7.70	0.00	8.30	8.32	-0.24	0.29	.30	-3.39	19.2	255.00	OX DITCH 1 OUT OF SERVICE
08	MB	0923	0923	7.70	7.70	0.00	7.96	8.04	-1.00	0.23	.25	-8.33	19.7	271.00	OX DITCH 1 OUT OF SERVICE
09	MB	0954	0954	7.60	7.60	0.00	7.86	7.80	0.77	0.91	.89	2.22	20.3	283.00	OX DITCH 1 OUT OF SERVICE
10	MB	0722	0722	7.60	7.60	0.00	8.18	8.14	0.49	0.26	.27	-3.77	18.8	372.00	OX DITCH 1 BACK IN SERVICE
11	MB	1030	1030	7.70	7.60	1.31	8.56	8.55	0.12	0.38	.36	5.41	19.1		
12	AB	0937	0937	7.60	7.70	-1.31	8.56	8.57	-0.12	0.08	.07	13.33	17.7		
13	AB	0825	0825	7.50	7.50	0.00	8.60	8.59	0.12	0.31	.30	3.28	18.4	245.00	
14	AB	0740	0740	7.60	7.60	0.00	8.66	8.67	-0.12	0.24	.23	4.26	18.6	143.00	
15	AB	0855	0855	7.60	7.60	0.00	8.55	8.55	0.00	0.25	.23	8.33	18.2	189.00	
16	AB	0715	0715	7.50	7.50	0.00	8.49	8.48	0.12	0.27	.27	.00	19.3	212.00	
17	AB	0808	0808	7.50	7.60	-1.32	8.59	8.61	-0.23	0.30	.30	.00	18.8	288.00	
18	TH	0906	0906	7.50	7.50	0.00	8.55	8.55	0.00	0.69	.70	-1.44	19.2		
19	AB	1115	1115	7.50	7.50	0.00	8.34	8.33	0.12	0.42	.43	-2.35	18.8		
20	MB	0812	0812	7.70	7.70	0.00	8.41	8.43	-0.24	0.32	.31	3.17	19.7	339.00	
21	MB	0905	0905	7.70	7.70	0.00	8.63	8.65	-0.23	0.37	.36	2.74	19.7	251.00	
22	MB	1035	1035	7.80	7.80	0.00	8.27	8.30	-0.36	0.27	.27	.00	20.8	327.00	
23	MB	0824	0824	7.60	7.70	-1.31	8.27	8.26	0.12	0.42	.41	2.41	21.1	440.00	
24	MB	0918	0918	7.70	7.70	0.00	8.40	8.38	0.24	0.21	.20	4.88	20.9	341.00	
25	TH	1106	1106	7.50	7.50	0.00	8.45	8.43	0.24	0.19	.22	-14.63	21.3		
26	AB	1130	1130	7.50	7.60	-1.32	8.88	8.89	-0.11	0.22	.22	.00	21.5		
27	MB	1032	1032	7.80	7.80	0.00	8.25	8.21	0.49	0.20	.19	5.13	21.2		
28	MB	0833	0833	7.70	7.80	-1.29	8.19	8.16	0.37	0.32	.30	6.45	21.2	526.00	
29	MB	0947	0947	7.70	7.80	-1.29	8.23	8.22	0.12	0.26	.27	-3.77	21.3	249.00	CLARIFIER #2 O/S
30	MB	0904	0904	7.30	7.30	0.00	8.24	8.26	-0.24	0.49	.47	4.17	20.4	274.00	CLARIFIER #2 O/S
31	MB	0803	0803	7.60	7.60	0.00	8.43	8.51	-0.94	0.35	.36	-2.82	19.8	325.00	CLARIFIER #2 O/S

VEOLIA Middletown WWTP

Process Control

May

2024

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	5,680	34,581	3,714	65.4	11,380	20,000	1,898	11.91	6.67		1,000	910	160	54	30
02	5,676	34,556	3,938	69.4	10,638	23,000	2,041	11.75	6.54		1,000	900	159	54	36
03	5,300	32,265	3,571	67.4	10,005	20,000	1,669	13.03	6.62		1,000	920	174	60	36
04						20,000								74	56
05						20,000								68	60
06	5,097	31,031	3,698	72.6	10,329	20,000	1,723	13.07	4.88		990	870	171	74	48
07	5,440	33,121	3,759	69.1	11,080	25,000	2,310	9.91	5.36		990	860	158	73	36
08	4,999	30,432	3,364	67.3	11,720	20,000	1,955	10.48	10.66		1,000	870	174	68	52
09	4,828	29,396	3,254	67.4	11,466	20,000	1,913	10.36	5.90		990	830	172	36	24
10	4,041	24,603	2,572	63.6	9,690	20,000	1,616	12.09	4.11		900	500	124	47	49
11						20,000								48	48
12						20,000									
13	3,582	43,620	2,318	64.7	7,418	18,000	1,114	25.35	5.02		930	550	154	36	36
14	3,933	47,890	2,824	71.8	6,335	18,000	951	36.15	4.89		940	660	168	24	24
15	3,456	42,087	2,173	62.9	7,601	18,000	1,141	23.18	6.32		910	600	174	36	24
16	3,561	43,364	2,304	64.7	7,076	20,000	1,180	23.77	6.82		900	630	177	24	34
17	5,097	62,062	2,090	41.0	7,390	20,000	1,233	17.21	6.95		910	670	131	24	36
18						20,000									
19						20,000									
20	3,706	45,129	2,304	62.2	6,686	25,000	1,394	20.12	5.52		970	730	197	24	20
21	3,734	45,465	2,263	60.6	6,862	27,000	1,545	17.83	5.59		940	660	177	30	24
22	3,324	40,471	1,930	58.1	7,388	20,000	1,232	19.07	7.65		970	710	214	24	20
23	4,049	49,297	2,632	65.0	10,742	20,000	1,792	17.88	5.11		980	700	173	24	27
24	3,668	44,669	2,479	67.6	6,160	20,000	1,027	29.38	5.30		970	700	191	30	30
25						20,000									
26						20,000								32	48
27						20,000								36	48
28	3,705	45,111	2,003	54.1	5,856	23,000	1,123	21.71	6.86		940	680	184	24	28
29	3,618	44,055	2,302	63.6	6,775	25,000	1,413	19.85	5.39		940	650	180	24	30
30	3,905	47,545	2,148	55.0	8,293	25,000	1,729	15.12	5.62		950	690	177	36	0
31	3,638	44,302	2,140	58.8	7,700	25,000	1,605	16.23	5.92		940	660	181	36	0
AVG	4,274	40,684	2,717	63.3	8,572	21,032	1,527	18.0	6.08		957	725	171	41	33

PA MIDDLETOWN WWTP

THICKENER MONTHLY REPORT

May

2024

DATE	RUN	FEED SLUDGE			DISCHARGE SLUDGE			POLYMER
	TIME	GALLONS	% SOLIDS	LBS.	GALLONS	% SOLIDS	LBS.	GALLONS
01								
02								
03	6.50	91,024	0.91	6,908	16,830	4.50	6,316	12
04								
05								
06	7.00	93,334	1.08	8,407	15,147	5.46	6,897	10
07								
08								
09								
10	6.00	85,652	0.99	7,072	13,464	4.37	4,907	7
11								
12								
13	4.00	47,662	0.39	1,550	8,415	3.95	2,772	4
14								
15								
16								
17	5.00	53,896	1.07	4,810	6,732	4.19	2,352	6
18								
19								
20	5.50	72,306	0.72	4,342	8,415	4.66	3,270	7
21								
22								
23								
24	7.00	97,288	0.71	5,761	8,415	4.86	3,411	11
25								
26								
27								
28	5.50	81,080	0.65	4,395	8,415	5.29	3,713	11
29								
30								
31	5.50	73,450	0.66	4,043	6,732	5.12	2,875	8
TOTAL	52	695,692	7.18	47,288	92,565	42.40	36,513	76

REVISED 7/17/14

Veolia Middletown WWTP

May

2024

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			Gallons	TS	VS	End of feed				Date	Start		Gallons
		Temp.	Feed	TS	VS	VS	Start	Trans.	Feed				Avg Temp. Since	Time				Time	Temp.	
		° F	Gals.	mg/L	mg/L	%	Ft	Ft	Ft		Lbs.	Lbs.	°F	24 HR	Hours	Date/Time		° F		
05/01/24																				
05/02/24																				
05/03/24	AB	135.8	91,024	44,986	32,600	72.5	8.9	9.9	9.9	16,830	6,314	4,576	136.5	14:00	9.0	5/3/24 22:57				
05/04/24																				
05/05/24							9.9	9.9	8.0								5/5/24	10:30	139.8	32,460
05/06/24	AB	134.8	93334	54,626	39,832	72.9	8.0	8.9	8.9	15,147	6,901	5,032	137.2	14:30	7.9	5/6/24 22:23				
05/07/24																				
05/08/24																				
05/09/24																				
05/10/24	AB	136.8	85,652	43,718	31,324	71.7	8.9	9.7	9.7	13,464	4,909	3,517	137.2	13:30	7.9	5/10/24 21:23				
05/11/24																				
05/12/24							9.7	8.0	8.0								5/12/24	10:12	141.3	27,821
05/13/24	AB	137.7	47,662	39,536	28,426	71.9	8.0	8.5	8.5	8,415	2,775	1,995	135.9	12:30	10.0	5/13/24 22:28				
05/14/24																				
05/15/24																				
05/16/24																				
05/17/24	AB	135.4	53,896	41,863	31,341	74.9	8.5	8.9	8.9	6,732	2,350	1,760	135.9	13:00	10.0	5/17/24 22:58				
05/18/24																				
05/19/24							8.9	8.0	8.0								5/19/24	12:00	135.9	14,497
05/20/24	AB	135.4	72,306	46,629	34,719	74.5	8.0	8.5	8.5	8,415	3,272	2,437	132.7	13:30	17.7	5/21/24 7:11				
05/21/24																				
05/22/24																				
05/23/24																				
05/24/24	AB	138.3	97,288	48,568	33,861	69.7	8.5	9.0	9.0	8,415	3,409	2,376	138.7	14:00	6.0	5/24/24 20:02				
05/25/24																				
05/26/24																				
05/27/24							9.0	8.0	8.0								5/27/24	11:06	138.7	16,463
05/28/24	AB	139.3	81,080	52,918	36,092	68.2	8.0	8.5	8.5	8,415	3,714	2,533	139.3	13:00	5.4	5/28/24 18:25				
05/29/24																				
05/30/24																				
05/31/24	AB	137.4	73,450	51,240	34,803	67.9	8.5	8.9	8.9	6,732	2,877	1,954	137.4	13:00						

Veolia Middletown WWTP

May 2024

[illegible]

VEOLIA Middletown WWTP

Centrifuge Monthly Report

May

2024

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	5.00	12,944	2.44	2,634	1.32	32.0	840	638	9	37	6.9	8.0	
02													
03													
04													
05													
06													
07													
08	6.50	32,991	2.53	6,961	3.48	31.5	1,092	314	20	78	5.9	8.0	
09													
10													
11													
12													
13													
14													
15	5.00	26,395	2.26	4,975	2.49	29.5	840	338	18	60	6.0	8.0	
16													
17													
18													
19													
20													
21													
22	4.50	21,951	1.99	3,643	1.82	30.0	756	415	15	52	6.0	8.0	
23													
24													
25													
26													
27													
28													
29													
30													
31													

PA MIDDLETOWN WWTP

May, 2024

BIOSOLIDS INVENTORY

DATE	DRY TONS		TO	USE	TOTAL ON SITE
	PROCESSED	DELIVERED			
05/01/24	1.32				1.32
05/02/24		1.32	Amerigreen	Agriculture	0.00
05/03/24					
05/04/24					
05/05/24					
05/06/24					
05/07/24					
05/08/24	3.48				3.48
05/09/24		3.48	Amerigreen	Agriculture	0.00
05/10/24					
05/11/24					
05/12/24					
05/13/24					
05/14/24					
05/15/24	2.49				2.49
05/16/24		2.49	Amerigreen	Agriculture	0.00
05/17/24					
05/18/24					
05/19/24					
05/20/24					
05/21/24					
05/22/24	1.82				1.82
05/23/24					
05/24/24		1.82	Amerigreen	Agriculture	0.00
05/25/24					
05/26/24					
05/27/24					
05/28/24					
05/29/24					
05/30/24					
05/31/24					
Total Tons	9.11	9.11		Total Tons	9.11
Metric Tons	8.26	8.26		Metric Tons	8.26

MAY**2024****PA MIDDLETOWN WWTP****BIOSOLIDS INVENTORY**

DATE	Dry Tons (US Short Tons)		Dry Tons (Metric Tons)	
	PROCESSED	DELIVERED	PROCESSED	DELIVERED
Jan, 2024	12.94	15.76	11.74	14.30
Feb, 2024	13.41	10.99	12.17	9.97
Mar, 2024	12.98	12.50	11.78	11.34
Apr, 2024	6.65	9.55	6.03	8.66
May, 2024	9.11	9.11	8.26	8.26
Jun, 2024				
Jul, 2024				
Aug, 2024				
Sep, 2024				
Oct, 2024				
Nov, 2024				
Dec, 2024				
Total	55.09	57.91	49.98	52.54
Average	11.02	11.58	10.00	10.51
Maximum	13.41	15.76	12.17	14.30
Minimum	6.65	9.11	6.03	8.26

PA MIDDLETOWN WWTP

BIOSOLIDS VOLATILE REDUCTION

MONTH May

YEAR 2024

DAY	THICKENER DISCHARGE			SNDR			%
	TS	TVS	VS	TS	TVS	VS	VOL.
	mg/L		%	mg/L		%	REDUCT.
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21	58,000	43,152	74.4	24,300	13,800	56.8	68.0
22							
23							
24							
25							
26							
27							
28	55,000	39,435	71.7	24,500	13,900	56.7	64.8
29							
30							
31							
AVG	56,500	41,294	73.1	24,400	13,850	56.8	
% SOLIDS REDUCTION			56.8			66.5	%

Biosolids Volatile Reduction

M.J. Reider Results

2024

Date	Thickener Discharge			SNDR			Volatile
	TS	TVS	VS	TS	TVS	VS	Reduction
	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
02/19/24	56,000	44,296	79.0	26,700	15,400	58.0	65.2
02/26/24	36,000	28,440	79.0	26,400	15,200	58.0	46.6
03/11/24	48,000	37,728	78.6	26,000	15,200	58.5	59.7
03/25/24	32,700	24,885	76.1	25,000	14,750	59.0	40.7
04/08/24	41,000	31,283	76.3	24,800	14,800	59.7	52.7
04/29/24	59,000	44,545	75.5	24,100	14,100	58.5	68.3
05/21/24	58,000	43,152	74.4	24,300	13,800	56.8	68.0
05/28/24	55,000	39,435	71.7	24,500	13,900	56.7	64.8
AVG	47,670	36,475	76.5	25,640	14,815	57.8	
Avg. % TS Reduction		46.2	Avg. Mass Balance % VS Reduction				59.4

PA MIDDLETOWN WWTP

2024 Annual Performance

May 2024

	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
January	63.350	2.044	1/9/2024	4.056	1/4/2024	1.220	86	2	45,627	1,189	44,438	97.2	0.06	29	320
February	41.195	1.421	2/13/2024	2.154	2/27/2024	1.141	130	2	44,612	687	43,925	98.4	0.09	30	3800
March	48.672	1.570	3/9/2024	3.434	3/1/2024	1.204	95	2	38,461	939	1	97.2	0.13	53	440
April	60.376	2.013	4/3/2024	4.854	4/14/2024	0.968	99	2	45,697	933	44,765	97.5	0.59	271	2600
May	37,447.000	1.208	5/10/2024	1.893	5/31/2024	0.647	113	2	35,260	765	34,495	97.3	0.64	200	98
June															
July															
August															
September															
October															
November															
December															
Total	37,660.593								174,397	4,513	167,624			583	
Average	7,532.119	1.651		3.278		1.036	105	2	43,599	903	33,525	97.5	0.30	117	
Maximum	37,447.000	2.044		4.854		1.220	130	2	45,697	1,189	44,765	98.4	0.64	271	
Minimum	41.195	1.208		1.893		0.647	86	2	38,461	687	1	97.2	0.06	29	
	TSS						Ammonia		TKN		Nitrate+Nitrite				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
January	63	1	33,338	634	32,704	97.8	0.40	209	0.8	407	5.44	2,872	6.21	3,279	<25
February	106	1	36,332	429	35,902	98.6	0.40	138	1.0	345	7.32	2,514	8.32	2,859	<34
March	72	1	29,379	507	28,871	98.0	0.65	265	1.1	452	6.31	2,561	7.42	3,013	<28
April	94	2	43,214	1,108	42,106	96.1	0.27	124	0.9	398	2.74	1,267	3.61	1,664	<21
May	60	1	18,661	351	18,309	97.6	0.02	7	0.6	183	2.53	789	3.11	972	<6
June															
July															
August															
September															
October															
November															
December															
Total			160,924	3,029	157,892			743	4	1,785		10,003		11,787	
Average	79.0	1.2	32,185	606	31,578	97.6	0.35	149	1	357	4.87	2,001	5.73	2,357	
Maximum	106.0	2.0	43,214	1,108	42,106	98.6	0.65	265	1	452	7.32	2,872	8.32	3,279	
Minimum	60.0	1.0	18,661	351	18,309	96.1	0.02	7	1	183	2.53	789	3.11	972	



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ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2418552

Report: 05/08/24

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: 2418552-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 05/01/24 08:41 **Received:** 05/01/24 13:10
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	205	mg/l	2.0	SM 5210 B	05/02/24 17:19		LEH
Solids, Total Suspended	190	mg/l	1	SM 2540 D	05/02/24		ALD

Lab ID: 2418552-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 05/01/24 07:45 **Received:** 05/01/24 13:10
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.66	mg/l	0.02	EPA 350.1 Rev 2.0	05/02/24		SNF
Carbonaceous Biochemical Oxygen Demand	2.0	mg/l	2.0	SM 5210 B	05/02/24 11:56		LEH
Nitrate as N	<1.00	mg/l	1.00	EPA 300.0 Rev 2.1	05/01/24 15:56		KCS
Nitrite as N	0.41	mg/l	0.10	EPA 300.0 Rev 2.1	05/01/24 15:56		KCS
Nitrate+Nitrite as N	<1.41	mg/l	1.10	CALCULATED	05/01/24 15:56		KCS
Nitrogen, Total	<2.96	mg/l	1.60	CALCULATED	05/06/24 18:48		KMS
Nitrogen, Total Kjeldahl (TKN)	1.55	mg/l	0.50	EPA 351.2 Rev 2.0	05/06/24		KMS
Phosphorus as P, Total	0.29	mg/l	0.01	SM 4500-P F	05/02/24		SNF
Solids, Total Suspended	4	mg/l	1	SM 2540 D	05/02/24		ALD

Lab ID: 2418552-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 05/01/24 10:51 **Received:** 05/01/24 13:10
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100ml	2	SM 9222 D	5/1/24 16:01	5/2/24 14:41		MAC



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2418552-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E0125	05/02/2024	SNF





M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2418776

Report: 05/14/24

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: 2418776-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 05/07/24 08:42 **Received:** 05/07/24 14:00
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	120	mg/l	2.0	SM 5210 B	05/08/24 12:35	B-01, B-02, B-04	KMD
Solids, Total Suspended	56	mg/l	1	SM 2540 D	05/09/24		ALD

Lab ID: 2418776-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 05/07/24 08:05 **Received:** 05/07/24 14:00
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	05/08/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/l	2.0	SM 5210 B	05/08/24 12:54	B-02	INW
Nitrate as N	3.70	mg/l	1.00	EPA 300.0 Rev 2.1	05/07/24 19:07		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/07/24 19:07		KCS
Nitrate+Nitrite as N	<3.80	mg/l	1.10	CALCULATED	05/07/24 19:07		KCS
Nitrogen, Total	<4.30	mg/l	1.60	CALCULATED	05/13/24 20:59		KMS
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/l	0.50	EPA 351.2 Rev 2.0	05/13/24		KMS
Phosphorus as P, Total	0.04	mg/l	0.01	SM 4500-P F	05/08/24		SNF
Solids, Total Suspended	<1	mg/l	1	SM 2540 D	05/08/24		ALD

Lab ID: 2418776-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 05/07/24 10:32 **Received:** 05/07/24 14:00
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100ml	2	SM 9222 D	5/7/24 17:00	5/8/24 15:57		INW



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2418776-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E0550	05/08/2024	SNF

Notes and Definitions

- B-01 The dissolved oxygen depletion for the dilution water blank was greater than 0.2 mg/L.
- B-02 The Glucose-Glutamic Acid check was above the acceptable criteria of 198 ± 30.5 mg/L.
- B-04 The difference between the highest and lowest results were greater than 30%.





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ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2419697

Report: 05/15/24

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: 2419697-01 **Collected By:** Client **Sampled:** 05/08/24 08:34 **Received:** 05/08/24 14:00
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	118	mg/l	2.0	SM 5210 B	05/09/24 9:23		INW
Solids, Total Suspended	76	mg/l	1	SM 2540 D	05/09/24		ALD

Lab ID: 2419697-02 **Collected By:** Client **Sampled:** 05/08/24 09:23 **Received:** 05/08/24 14:00
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	05/09/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/l	2.0	SM 5210 B	05/09/24 12:16		INW
Nitrate as N	3.14	mg/l	1.00	EPA 300.0 Rev 2.1	05/08/24 17:42		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/08/24 17:42		KCS
Nitrate+Nitrite as N	<3.24	mg/l	1.10	CALCULATED	05/08/24 17:42		KCS
Nitrogen, Total	<3.74	mg/l	1.60	CALCULATED	05/13/24 18:41		KMS
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/l	0.50	EPA 351.2 Rev 2.0	05/13/24		KMS
Phosphorus as P, Total	0.07	mg/l	0.01	SM 4500-P F	05/09/24		SNF
Solids, Total Suspended	<1	mg/l	1	SM 2540 D	05/09/24		ALD

Lab ID: 2419697-03 **Collected By:** Client **Sampled:** 05/08/24 10:48 **Received:** 05/08/24 14:00
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	5/8/24 17:02	5/9/24 15:42		MAC



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2419697-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E0652	05/09/2024	SNF





M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2419920

Report: 05/21/24

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: 2419920-01 **Collected By:** Client **Sampled:** 05/14/24 08:22 **Received:** 05/14/24 14:00
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	55.9	mg/l	2.0	SM 5210 B	05/15/24 16:47	B-01, B-04	INW
Solids, Total Suspended	26	mg/l	1	SM 2540 D	05/15/24		ALD

Lab ID: 2419920-02 **Collected By:** Client **Sampled:** 05/14/24 10:00 **Received:** 05/14/24 14:00
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	05/15/24		SNF
Carbonaceous Biochemical Oxygen Demand	3.6	mg/l	2.0	SM 5210 B	05/15/24 14:38	B-02	INW
Nitrate as N	1.68	mg/l	1.00	EPA 300.0 Rev 2.1	05/14/24 16:59		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/14/24 16:59		KCS
Nitrate+Nitrite as N	<1.78	mg/l	1.10	CALCULATED	05/14/24 16:59		KCS
Nitrogen, Total	<2.28	mg/l	1.60	CALCULATED	05/20/24 10:04		KMS
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/l	0.50	EPA 351.2 Rev 2.0	05/20/24		KMS
Phosphorus as P, Total	0.08	mg/l	0.01	SM 4500-P F	05/15/24		SNF
Solids, Total Suspended	<1	mg/l	1	SM 2540 D	05/15/24		ALD

Lab ID: 2419920-03 **Collected By:** Client **Sampled:** 05/14/24 10:00 **Received:** 05/14/24 14:00
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	98	CFU/100ml	2	SM 9222 D	5/14/24 16:00	5/15/24 14:03		INW



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2419920-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E1039	05/15/2024	SNF

Notes and Definitions

- B-01 The dissolved oxygen depletion for the dilution water blank was greater than 0.2 mg/L.
- B-02 The Glucose-Glutamic Acid check was above the acceptable criteria of 198 ± 30.5 mg/L.
- B-04 The difference between the highest and lowest results were greater than 30%.



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ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2420681

Report: 05/22/24

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: 2420681-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 05/15/24 08:55 **Received:** 05/15/24 14:30
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	61.1	mg/l	2.0	SM 5210 B	05/16/24 11:55		INW
Solids, Total Suspended	30	mg/l	1	SM 2540 D	05/16/24		ALD

Lab ID: 2420681-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 05/15/24 10:00 **Received:** 05/15/24 14:30
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	05/16/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/l	2.0	SM 5210 B	05/16/24 13:35		KXS
Nitrate as N	1.75	mg/l	1.00	EPA 300.0 Rev 2.1	05/15/24 16:43		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/15/24 16:43		KCS
Nitrate+Nitrite as N	<1.85	mg/l	1.10	CALCULATED	05/15/24 16:43		KCS
Nitrogen, Total	<2.41	mg/l	1.60	CALCULATED	05/20/24 13:11		KMS
Nitrogen, Total Kjeldahl (TKN)	0.56	mg/l	0.50	EPA 351.2 Rev 2.0	05/20/24		KMS
Phosphorus as P, Total	0.10	mg/l	0.01	SM 4500-P F	05/16/24		SNF
Solids, Total Suspended	1	mg/l	1	SM 2540 D	05/16/24		ALD

Lab ID: 2420681-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 05/15/24 10:50 **Received:** 05/15/24 14:30
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	15	CFU/100ml	2	SM 9222 D	5/15/24 15:51	5/16/24 13:51		MAC



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2420681-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E1129	05/16/2024	SNF





M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2420835

Report: 05/30/24

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: 2420835-01 **Collected By:** Client **Sampled:** 05/21/24 07:47 **Received:** 05/21/24 15:00
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	137	mg/l	2.0	SM 5210 B	05/22/24 15:22	B-02	INW
Solids, Total Suspended	70	mg/l	1	SM 2540 D	05/22/24		ALD

Lab ID: 2420835-02 **Collected By:** Client **Sampled:** 05/21/24 09:05 **Received:** 05/21/24 15:00
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	05/22/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/l	2.0	SM 5210 B	05/22/24 16:10	B-01, B-02	KMD
Nitrate as N	2.44	mg/l	1.00	EPA 300.0 Rev 2.1	05/21/24 17:29		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/21/24 17:29		KCS
Nitrate+Nitrite as N	<2.54	mg/l	1.10	CALCULATED	05/21/24 17:29		KCS
Nitrogen, Total	<3.11	mg/l	1.60	CALCULATED	05/28/24 14:23		KMS
Nitrogen, Total Kjeldahl (TKN)	0.57	mg/l	0.50	EPA 351.2 Rev 2.0	05/28/24		KMS
Phosphorus as P, Total	1.01	mg/l	0.01	SM 4500-P F	05/22/24		SNF
Solids, Total Suspended	2	mg/l	1	SM 2540 D	05/22/24		ALD

Lab ID: 2420835-03 **Collected By:** Client **Sampled:** 05/21/24 09:05 **Received:** 05/21/24 15:00
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	3	CFU/100ml	2	SM 9222 D	5/21/24 15:46	5/22/24 13:59		MAC



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2420835-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E1510	05/22/2024	SNF

Notes and Definitions

- B-01 The dissolved oxygen depletion for the dilution water blank was greater than 0.2 mg/L.
- B-02 The Glucose-Glutamic Acid check was above the acceptable criteria of 198 ± 30.5 mg/L.



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ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2421629

Report: 05/30/24

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: 2421629-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 05/22/24 08:05 **Received:** 05/22/24 15:00
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	120	mg/l	2.0	SM 5210 B	05/23/24 13:18	B-01, B-02, B-04	LEH
Solids, Total Suspended	51	mg/l	1	SM 2540 D	05/23/24		ALD

Lab ID: 2421629-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 05/22/24 10:35 **Received:** 05/22/24 15:00
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	05/23/24		SNF
Carbonaceous Biochemical Oxygen Demand	4.0	mg/l	2.0	SM 5210 B	05/23/24 10:24	B-01, B-02	INW
Nitrate as N	2.21	mg/l	1.00	EPA 300.0 Rev 2.1	05/22/24 19:20		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/22/24 19:20		KCS
Nitrate+Nitrite as N	<2.31	mg/l	1.10	CALCULATED	05/22/24 19:20		KCS
Nitrogen, Total	<2.94	mg/l	1.60	CALCULATED	05/28/24 17:32		KMS
Nitrogen, Total Kjeldahl (TKN)	0.63	mg/l	0.50	EPA 351.2 Rev 2.0	05/28/24		KMS
Phosphorus as P, Total	1.14	mg/l	0.01	SM 4500-P F	05/23/24		SNF
Solids, Total Suspended	1	mg/l	1	SM 2540 D	05/23/24		ALD

Lab ID: 2421629-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 05/22/24 10:35 **Received:** 05/22/24 15:00
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100ml	2	SM 9222 D	5/22/24 16:29	5/23/24 14:58		MAC



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2421629-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E1581	05/23/2024	SNF

Notes and Definitions

- B-01 The dissolved oxygen depletion for the dilution water blank was greater than 0.2 mg/L.
- B-02 The Glucose-Glutamic Acid check was above the acceptable criteria of 198 ± 30.5 mg/L.
- B-04 The difference between the highest and lowest results were greater than 30%.



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M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2421793

Report: 06/05/24

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: 2421793-01 **Collected By:** Client **Sampled:** 05/28/24 09:17 **Received:** 05/28/24 14:45
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	223	mg/l	2.0	SM 5210 B	05/29/24 15:35		KMD
Solids, Total Suspended	138	mg/l	1	SM 2540 D	05/29/24		ALD

Lab ID: 2421793-02 **Collected By:** Client **Sampled:** 05/28/24 10:45 **Received:** 05/28/24 14:45
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.04	mg/l	0.02	EPA 350.1 Rev 2.0	05/30/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/l	2.0	SM 5210 B	05/29/24 14:56	B-02	INW
Nitrate as N	1.60	mg/l	1.00	EPA 300.0 Rev 2.1	05/28/24 16:12		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/28/24 16:12		KCS
Nitrate+Nitrite as N	<1.70	mg/l	1.10	CALCULATED	05/28/24 16:12		KCS
Nitrogen, Total	<2.42	mg/l	1.60	CALCULATED	06/03/24 17:37		KMS
Nitrogen, Total Kjeldahl (TKN)	0.72	mg/l	0.50	EPA 351.2 Rev 2.0	06/03/24		KMS
Phosphorus as P, Total	1.31	mg/l	0.01	SM 4500-P F	05/30/24		SNF
Solids, Total Suspended	<1	mg/l	1	SM 2540 D	05/29/24		ALD

Lab ID: 2421793-03 **Collected By:** Client **Sampled:** 05/28/24 11:44 **Received:** 05/28/24 14:45
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	3	CFU/100ml	2	SM 9222 D	5/28/24 15:43	5/29/24 15:04		MAC



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2421793-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E1959	05/30/2024	SNF

Notes and Definitions

B-02 The Glucose-Glutamic Acid check was above the acceptable criteria of 198 ± 30.5 mg/L.



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M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2422643

Report: 06/05/24

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: 2422643-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 05/29/24 07:50 **Received:** 05/29/24 14:40
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	68.2	mg/l	2.0	SM 5210 B	05/30/24 16:37	B-02	INW
Solids, Total Suspended	31	mg/l	1	SM 2540 D	05/30/24	Q-19	ALD

Lab ID: 2422643-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 05/29/24 09:47 **Received:** 05/29/24 14:40
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	05/30/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/l	2.0	SM 5210 B	05/30/24 13:17	B-01	LEH
Nitrate as N	2.88	mg/l	1.00	EPA 300.0 Rev 2.1	05/29/24 15:41		KCS
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/29/24 15:41		KCS
Nitrate+Nitrite as N	<2.98	mg/l	1.10	CALCULATED	05/29/24 15:41		KCS
Nitrogen, Total	<3.70	mg/l	1.60	CALCULATED	06/04/24 13:15		SNF
Nitrogen, Total Kjeldahl (TKN)	0.72	mg/l	0.50	EPA 351.2 Rev 2.0	06/04/24		SNF
Phosphorus as P, Total	1.38	mg/l	0.01	SM 4500-P F	05/30/24		SNF
Solids, Total Suspended	<1	mg/l	1	SM 2540 D	05/30/24		ALD

Lab ID: 2422643-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 05/29/24 10:32 **Received:** 05/29/24 14:40
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	33	CFU/100ml	2	SM 9222 D	5/29/24 16:11	5/30/24 14:56		MAC



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Preparation Methods

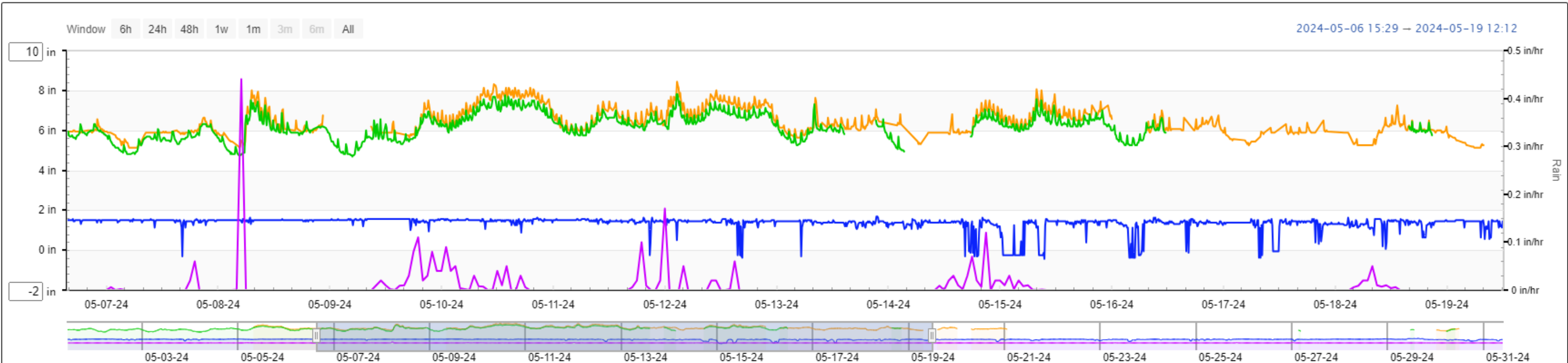
Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2422643-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4E1959	05/30/2024	SNF

Notes and Definitions

- B-01 The dissolved oxygen depletion for the dilution water blank was greater than 0.2 mg/L.
- B-02 The Glucose-Glutamic Acid check was above the acceptable criteria of 198 ± 30.5 mg/L.
- Q-19 The duplicate RPD was greater than 10% at 17.6%.



Static Charts



Time Period Custom

Date Range 2024-05-01 10:15 - 2024-05-31 10:15

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: 2.45 in

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

MIDDLETOWN MONTHLY REPORT

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

May, 2024								
Maximum Day		990,082					Days pumped	31
Minimum Day		809,319						
Date	Well No.1	Well No.2	Well No.3	Well No.4	Well No.5	Well No.6	Total	Union Booster
01	199,710	301,344			112,224	362,128	975,406	168,378
02	191,592	299,956			31,819	346,945	870,312	155,219
03	227,884	298,133				409,510	935,527	151,946
04	210,918	297,818				376,579	885,315	146,290
05	204,093	297,484				362,451	864,028	148,220
06	197,918	297,018			93,760	355,157	943,853	147,682
07	152,670	297,923			110,176	276,309	837,078	146,672
08	157,239	283,574			90,315	285,688	816,816	145,805
09	150,941	299,463			86,083	272,832	809,319	149,199
10	189,572	299,066			107,625	342,258	938,521	148,236
11	158,910	300,197			90,403	286,943	836,453	143,743
12	167,387	300,522			95,247	301,761	864,917	144,231
13	168,875	300,880			63,867	305,490	839,112	146,517
14	154,026	301,746			87,900	279,030	822,702	143,513
15	203,739	301,411			115,887	369,045	990,082	144,811
16	156,076	302,034			89,127	283,595	830,832	146,085
17	179,528	301,826			102,643	292,056	876,053	145,787
18	171,536	301,960			97,763	310,544	881,803	143,455
19	203,237	300,706			78,632	356,344	938,919	155,395
20	174,283	300,680			99,898	315,617	890,478	167,158
21	196,024	299,753			64,716	355,773	916,266	175,584
22	194,711	298,995			63,188	354,007	910,901	173,417
23	165,802	299,467			95,224	302,132	862,625	193,459
24	201,894	293,687			48,499	366,985	911,065	165,792
25	224,661	297,794			11,181	406,248	939,884	169,770
26	216,134	297,145				390,950	904,229	174,292
27	222,791	296,212				400,791	919,794	173,999
28	180,757	296,631			106,946	327,283	911,617	180,365
29	176,747	296,809			102,212	320,081	895,849	174,473
30	188,262	296,271			108,460	340,162	933,155	178,657
31	188,117	295,853			108,256	339,236	931,462	182,690
Totals:	5,776,034	9,252,358			2,262,051	10,393,930	27,684,373	4,930,840
Maximum	227,884	302,034			115,887	409,510	990,082	193,459
Minimum	150,941	283,574			11,181	272,832	809,319	143,455
Average	186,324	298,463			87,002	335,288	893,044	159,059

	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	May	1 Wed														
6		2 Thu														
7		3 Fri														
8		4 Sat														
9		5 Sun														
10		6 Mon														
11		7 Tue		5-7-24	7.20	19.0	313.0	203.00	97.00	0.10	23.90	<0.02	<0.01	234.00	745.00	7.20
12		8 Wed														
13		9 Thu														
14		10 Fri														
15		11 Sat														
16		12 Sun														
17		13 Mon														
18		14 Tue		5-14-24	7.00	19.0	346.0	202.00	107.00	0.09	23.90	<0.02	<0.01	261.00	788.00	7.00
19		15 Wed														
20		16 Thu														
21		17 Fri														
22		18 Sat														
23		19 Sun														
24		20 Mon														
25		21 Tue		5-21-24	7.20	19.0	314.0	200.00	99.00	0.06	22.30	<0.02	<0.01	270.00	799.00	7.20
26		22 Wed														
27		23 Thu														
28		24 Fri														
29		25 Sat														
30		26 Sun														
31		27 Mon														
32		28 Tue		5-28-24	7.20	21.0	334.0	198.00	104.00	0.06	22.80	0.02	<0.01	266.00	740.00	7.20
33		29 Wed														
34		30 Thu														
35		31 Fri														
37		MINIMUM		5-14-24	7.00	19.0	313.0	198.00	97.00	0.06	22.30	<0.02	<0.01	234.00	740.00	7.00
38		MAXIMUM		5-7-24	7.20	21.0	346.0	203.00	107.00	0.10	23.90	0.02	<0.01	270.00	799.00	7.20
39		AVERAGE		1	7.15	19.5	326.8	200.75	101.75	0.08	23.23	<0.02	<0.01	257.75	768.00	2.81
40		SUM		4	28.60	78.0	1,307.0	803.00	407.00	0.31	92.90	<0.08	<0.04	1,031.00	3,072.00	11.23



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2418782

Reported: 05/10/24

Lab Contact: Christina M Kistler

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

Project: Jan,Mar,May,Jul,Sep,Nov. Week 1
7220038

Lab ID: 2418782-01 **Collected By:** Client
Sample Desc: 701 Middletown WWTP
Notes:

Sampled: 05/07/24 08:46 **Received:** 05/07/24 14:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 701

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/7/24 16:20	5/8/24 10:27		MAC	N/A 1

Lab ID: 2418782-02 **Collected By:** Client
Sample Desc: 703 North Union Street Booster Station
Notes:

Sampled: 05/07/24 08:19 **Received:** 05/07/24 14:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 703

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/7/24 16:20	5/8/24 10:27		MAC	N/A 1

Lab ID: 2418782-03 **Collected By:** Client
Sample Desc: 707 Main St & Catherine St. Hydrant
Notes:

Sampled: 05/07/24 08:29 **Received:** 05/07/24 14:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 707

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/7/24 17:07	5/8/24 11:21		MAC	N/A 1



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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	041724	701		041624	D	0844	06003	2415505-01	KISTLERC_295
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	050824	701		050724	D	0846	06003	2418782-01	KISTLERC_1708
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	041724	703		041624	D	0812	06003	2415505-02	KISTLERC_296
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	050824	703		050724	D	0819	06003	2418782-02	KISTLERC_1709
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	042424	704		042324	D	0832	06003	2416532-01	KISTLERC_933
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	042424	705		042324	D	0818	06003	2416532-02	KISTLERC_934
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	041724	706		041624	D	0822	06003	2415505-03	KISTLERC_297
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	050824	707		050724	D	0829	06003	2418782-03	KISTLERC_1710

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	1040	NITRATE	120	3.25	1.00000		050724	100		050624	E	0749	06003	2418777-01	KISTLERC_1743
7220038	1041	NITRITE	120	0.0	0.10000		050724	100		050624	E	0749	06003	2418777-01	KISTLERC_1750
7220038	1040	NITRATE	120	4.02	1.00000		050724	102		050624	E	0750	06003	2418777-02	KISTLERC_1746
7220038	1041	NITRITE	120	0.0	0.10000		050724	102		050624	E	0750	06003	2418777-02	KISTLERC_1751
7220038	1040	NITRATE	120	3.98	1.00000		050724	105		050724	E	0756	06003	2418777-04	KISTLERC_1745
7220038	1041	NITRITE	120	0.0	0.10000		050724	105		050724	E	0756	06003	2418777-04	KISTLERC_1752
7220038	1040	NITRATE	120	3.52	1.00000		050724	106		050624	E	0831	06003	2418777-05	KISTLERC_1744



E-Government Application for Drinking Water Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

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	1041	NITRITE	120	0.0	0.10000		050724	106		050624	E	0831	06003	2418777-05	KISTLERC_1753



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2418781

Reported: 05/17/24

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: 2418781-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 05/07/24 08:54 **Received:** 05/07/24 14:00
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	203	mg CaCO ₃ /L	20	SM 2320 B	05/07/24		ORL	N/A N/A	
Total Hardness as CaCO ₃	313	mg/l	4.56	CALCULATED	05/09/24		HRG	N/A N/A	
Phosphorus as P, Total	0.10	mg/l	0.01	SM 4500-P F	05/08/24		SNF	N/A N/A	
Silica as SiO ₂	23.9	mg/l	2.14	CALCULATED	05/09/24		HRG	N/A N/A	
Conductivity	745	umhos/cm	10	SM 2510 B	05/10/24		ORL	N/A N/A	
Total Metals									
Calcium	97	mg/l	1	EPA 200.7 Rev 4.4	05/09/24		HRG	N/A N/A	
Iron	<0.02	mg/l	0.02	EPA 200.7 Rev 4.4	05/10/24		HRG	N/A 0.3	PASS
Magnesium	16.9	mg/l	0.5	EPA 200.7 Rev 4.4	05/09/24		HRG	N/A N/A	
Manganese	<0.005	mg/l	0.005	EPA 200.8 Rev 5.4	05/08/24		MPB	N/A 0.05	PASS
Silicon	11.2	mg/l	1.0	EPA 200.7 Rev 4.4	05/09/24		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	Prepared Date	Prepared By
2418781-01			
SM 4500-P F	SM 4500-P B	05/08/2024	SNF



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M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2418777

Reported: 05/10/24

Lab Contact: Christina M Kistler

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

Project: DW-Annual Nitrates
7220038

Lab ID: 2418777-01 **Collected By:** Client
Sample Desc: 100 Entry Point Well #1
Notes:

Sampled: 05/06/24 07:49 **Received:** 05/07/24 14:00
PADEP Type: E-Entry Point
PWSID: 7220038 **Loc ID:** 100

			Rep.	Analysis	Analyzed	Notes	Analyst	EPA MCL	
	Result	Unit	Limit	Method				Min/Max	
General Chemistry									
Nitrate as N	3.25	mg/l	1.00	EPA 300.0 Rev 2.1	05/07/24 18:55		KCS	N/A	10
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/07/24 18:55		KCS	N/A	1

Lab ID: 2418777-02 **Collected By:** Client
Sample Desc: 102 Entry Point Well #2
Notes:

Sampled: 05/06/24 07:50 **Received:** 05/07/24 14:00
PADEP Type: E-Entry Point
PWSID: 7220038 **Loc ID:** 102

			Rep.	Analysis	Analyzed	Notes	Analyst	EPA MCL	
	Result	Unit	Limit	Method				Min/Max	
General Chemistry									
Nitrate as N	4.02	mg/l	1.00	EPA 300.0 Rev 2.1	05/07/24 19:11		KCS	N/A	10
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/07/24 19:11		KCS	N/A	1

Lab ID: 2418777-04 **Collected By:** Client
Sample Desc: 105 Entry Point Well #5
Notes:

Sampled: 05/07/24 07:56 **Received:** 05/07/24 14:00
PADEP Type: E-Entry Point
PWSID: 7220038 **Loc ID:** 105

			Rep.	Analysis	Analyzed	Notes	Analyst	EPA MCL	
	Result	Unit	Limit	Method				Min/Max	
General Chemistry									
Nitrate as N	3.98	mg/l	1.00	EPA 300.0 Rev 2.1	05/07/24 19:28		KCS	N/A	10
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/07/24 19:28		KCS	N/A	1

Lab ID: 2418777-05 **Collected By:** Client
Sample Desc: 106 Entry Point Well #6
Notes:

Sampled: 05/06/24 08:31 **Received:** 05/07/24 14:00
PADEP Type: E-Entry Point
PWSID: 7220038 **Loc ID:** 106

			Rep.	Analysis	Analyzed	Notes	Analyst	EPA MCL	
	Result	Unit	Limit	Method				Min/Max	
General Chemistry									



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M.J. Reider Associates, Inc.

Lab ID: 2418777-05 Continued

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max
General Chemistry								
Nitrate as N	3.52	mg/l	1.00	EPA 300.0 Rev 2.1	05/07/24 19:45		KCS	N/A 10
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	05/07/24 19:45		KCS	N/A 1



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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	041724	701		041624	D	0844	06003	2415505-01	KISTLERC_295
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	050824	701		050724	D	0846	06003	2418782-01	KISTLERC_1708
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	041724	703		041624	D	0812	06003	2415505-02	KISTLERC_296
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	050824	703		050724	D	0819	06003	2418782-02	KISTLERC_1709
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	042424	704		042324	D	0832	06003	2416532-01	KISTLERC_933
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	042424	705		042324	D	0818	06003	2416532-02	KISTLERC_934
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	041724	706		041624	D	0822	06003	2415505-03	KISTLERC_297
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	050824	707		050724	D	0829	06003	2418782-03	KISTLERC_1710

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	1040	NITRATE	120	3.25	1.00000		050724	100		050624	E	0749	06003	2418777-01	KISTLERC_1743
7220038	1041	NITRITE	120	0.0	0.10000		050724	100		050624	E	0749	06003	2418777-01	KISTLERC_1750
7220038	1040	NITRATE	120	4.02	1.00000		050724	102		050624	E	0750	06003	2418777-02	KISTLERC_1746
7220038	1041	NITRITE	120	0.0	0.10000		050724	102		050624	E	0750	06003	2418777-02	KISTLERC_1751
7220038	1040	NITRATE	120	3.98	1.00000		050724	105		050724	E	0756	06003	2418777-04	KISTLERC_1745
7220038	1041	NITRITE	120	0.0	0.10000		050724	105		050724	E	0756	06003	2418777-04	KISTLERC_1752
7220038	1040	NITRATE	120	3.52	1.00000		050724	106		050624	E	0831	06003	2418777-05	KISTLERC_1744



E-Government Application for Drinking Water Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

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	1041	NITRITE	120	0.0	0.10000		050724	106		050624	E	0831	06003	2418777-05	KISTLERC_1753



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2418780

Reported: 05/15/24

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: 2418780-01 **Collected By:** Client
Sample Desc: 106 Entry Point Well #6

Sampled: 05/06/24 08:32 **Received:** 05/07/24 14:00
PADEP Type: E-Entry Point

Notes:

PWSID: 7220038

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	05/08/24		WJS	N/A 0.2
1,1,2-Trichloroethane	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
1,1-Dichloroethene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.007
1,2,4-Trichlorobenzene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.07
1,2-Dichlorobenzene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.6
1,2-Dichloroethane	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
1,2-Dichloropropane	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
1,4-Dichlorobenzene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.075
Benzene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
Carbon Tetrachloride	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
Chlorobenzene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.1
Cis-1,2-Dichloroethene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.07
Ethylbenzene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.7
Methylene Chloride (Dichloromethane)	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
Styrene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.1
Tetrachloroethene (PCE)	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
Toluene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 1
Trans-1,2-Dichloroethene	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.1
Trichloroethene (TCE)	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.005
Vinyl Chloride	<0.0005	mg/l	0.0005	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 0.002
Xylenes, Total	<0.0010	mg/l	0.0010	EPA 524.2 Rev 4.1	05/08/24		WJS	N/A 10
Surrogates								
1,2-Dichlorobenzene-d4	100%		70-130	EPA 524.2 Rev 4.1	05/08/24		WJS	
4-Bromofluorobenzene	98.4%		70-130	EPA 524.2 Rev 4.1	05/08/24		WJS	



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E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

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		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_417
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_419
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_433
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_439
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_441
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_443
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_445
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_447
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_449
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_451
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_453
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_455
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_457
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_459
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_461
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_463
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_465
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_467
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_469



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

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	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_471
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_473



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2419923

Reported: 05/17/24

Lab Contact: Christina M Kistler

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

Project: Jan,Mar,May,Jul,Sep,Nov. Week 2
7220038

Lab ID: 2419923-01 **Collected By:** Client
Sample Desc: 704 Village of Pineford Office
Notes:

Sampled: 05/14/24 08:23 **Received:** 05/14/24 14:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 704

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/14/24 15:59	5/15/24 10:06		MAC	N/A 1

Lab ID: 2419923-02 **Collected By:** Client
Sample Desc: 705 High Street Standpipe
Notes:

Sampled: 05/14/24 08:17 **Received:** 05/14/24 14:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 705

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/14/24 15:38	5/15/24 10:00		MAC	N/A 1



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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	051524	704		051424	D	0823	06003	2419923-01	KISTLERC_515
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	051524	705		051424	D	0817	06003	2419923-02	KISTLERC_516

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		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_417
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_419
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_433
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_439
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_441
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_443
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_445
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_447
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_449
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_451
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_453
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_455
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_457



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

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	Record ID
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_459
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_461
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_463
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_465
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_467
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_469
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_471
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_473



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2419922

Reported: 05/17/24

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: 2419922-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 05/14/24 08:47 **Received:** 05/14/24 14:00
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	202	mg CaCO ₃ /L	20	SM 2320 B	05/15/24		ORL	N/A N/A	
Total Hardness as CaCO ₃	346	mg/l	4.56	CALCULATED	05/15/24		HRG	N/A N/A	
Phosphorus as P, Total	0.09	mg/l	0.01	SM 4500-P F	05/16/24		SNF	N/A N/A	
Silica as SiO ₂	23.9	mg/l	2.14	CALCULATED	05/15/24		HRG	N/A N/A	
Conductivity	788	umhos/cm	10	SM 2510 B	05/16/24		ORL	N/A N/A	
Total Metals									
Calcium	107	mg/l	1	EPA 200.7 Rev 4.4	05/15/24		HRG	N/A N/A	
Iron	<0.02	mg/l	0.02	EPA 200.7 Rev 4.4	05/15/24		HRG	N/A 0.3	PASS
Magnesium	19.0	mg/l	0.5	EPA 200.7 Rev 4.4	05/15/24		HRG	N/A N/A	
Manganese	<0.005	mg/l	0.005	EPA 200.8 Rev 5.4	05/16/24		MPB	N/A 0.05	PASS
Silicon	11.2	mg/l	1.0	EPA 200.7 Rev 4.4	05/15/24		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	Prepared Date	Prepared By
2419922-01			
SM 4500-P F	SM 4500-P B	05/15/2024	SNF



107 Angelica Street Reading, PA 19611 (610) 374-5129 fax (610) 374-7234

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Additional accreditations by MD (261)



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2420837

Reported: 05/24/24

Lab Contact: Christina M Kistler

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

Project: Jan,Mar,May,Jul,Sep,Nov. Week 3
7220038

Lab ID: 2420837-01 **Collected By:** Client
Sample Desc: 701 Middletown WWTP
Notes:

Sampled: 05/21/24 08:35 **Received:** 05/21/24 15:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 701

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/21/24 17:49	5/22/24 12:10		MAC	N/A 1

Lab ID: 2420837-02 **Collected By:** Client
Sample Desc: 703 North Union Street Booster Station
Notes:

Sampled: 05/21/24 08:12 **Received:** 05/21/24 15:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 703

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/21/24 17:49	5/22/24 12:10		MAC	N/A 1

Lab ID: 2420837-03 **Collected By:** Client
Sample Desc: 707 Main St & Catherine St. Hydrant
Notes:

Sampled: 05/21/24 08:23 **Received:** 05/21/24 15:00
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 707

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/21/24 16:18	5/22/24 11:01		MAC	N/A 1



107 Angelica Street ○ Reading, PA 19611 ○ www.mjreider.com ○ (610) 374-5129 ○ fax (610) 374-7234

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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	052224	701		052124	D	0835	06003	2420837-01	KISTLERC_982
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	052224	703		052124	D	0812	06003	2420837-02	KISTLERC_983
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	051524	704		051424	D	0823	06003	2419923-01	KISTLERC_515
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	051524	705		051424	D	0817	06003	2419923-02	KISTLERC_516
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	052224	707		052124	D	0823	06003	2420837-03	KISTLERC_984

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	2306	BENZO(A)PYRENE (SOC)	222	0.0	0.00020		051424	100		050624	E	0744	06003	2418778-01	KISTLERC_667
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_804
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_807
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_814
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_819
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_822
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_825
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_828
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_831
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_834



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

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	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_837
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_840
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_843
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_846
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_849
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_852
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_855
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_858
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_861
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_864
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_867
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_870
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_805
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_808
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_815
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_820
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_823
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_826
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_829
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_832

E-Government Application for Drinking Water Program

SAFE DRINKING WATER ACT VIEW/EDIT RECORDS

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	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_835
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_838
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_841
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_844
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_847
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0011	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_851
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_853
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_856
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_859
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_862
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_865
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_868
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_871
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_806
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_809
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_816
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_821
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_824
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_827
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_830



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysi s Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 833
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 836
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 839
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 842
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 845
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 848
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 850
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 854
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 857
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 860
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 863
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 866
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 869
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 872
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 417
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 419
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 433
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 439
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 441
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 443



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysi s Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_445
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_447
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_449
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_451
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_453
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_455
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_457
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_459
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_461
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_463
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_465
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_467
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_469
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_471
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_473



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2420836

Reported: 06/03/24

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: 2420836-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 05/21/24 08:40 **Received:** 05/21/24 15:00
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	200	mg CaCO ₃ /L	20	SM 2320 B	05/22/24		ORL	N/A N/A	
Total Hardness as CaCO ₃	314	mg/l	4.56	CALCULATED	05/22/24		HRG	N/A N/A	
Phosphorus as P, Total	0.06	mg/l	0.01	SM 4500-P F	05/23/24		SNF	N/A N/A	
Silica as SiO ₂	22.3	mg/l	2.14	CALCULATED	05/22/24		HRG	N/A N/A	
Conductivity	799	umhos/cm	10	SM 2510 B	05/23/24		ORL	N/A N/A	
Total Metals									
Calcium	99	mg/l	1	EPA 200.7 Rev 4.4	05/22/24		HRG	N/A N/A	
Iron	<0.02	mg/l	0.02	EPA 200.7 Rev 4.4	05/23/24		HRG	N/A 0.3	PASS
Magnesium	16.0	mg/l	0.5	EPA 200.7 Rev 4.4	05/22/24		HRG	N/A N/A	
Manganese	<0.005	mg/l	0.005	EPA 200.8 Rev 5.4	05/23/24		MPB	N/A 0.05	PASS
Silicon	10.4	mg/l	1.0	EPA 200.7 Rev 4.4	05/22/24		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	Prepared Date	Prepared By
2420836-01			
SM 4500-P F	SM 4500-P B	05/22/2024	SNF



107 Angelica Street Reading, PA 19611 (610) 374-5129 fax (610) 374-7234

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Additional accreditations by MD (261)



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2421795

Reported: 06/04/24

Lab Contact: Christina M Kistler

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

Project: Jan,Mar,May,Jul,Sep,Nov. Week 4
7220038

Lab ID: 2421795-01 **Collected By:** Client
Sample Desc: 704 Village of Pineford Office
Notes:

Sampled: 05/28/24 09:24 **Received:** 05/28/24 14:45
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 704

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/28/24 16:54	5/29/24 11:09		MAC	N/A 1

Lab ID: 2421795-02 **Collected By:** Client
Sample Desc: 705 High Street Standpipe
Notes:

Sampled: 05/28/24 08:39 **Received:** 05/28/24 14:45
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 705

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100ml	1.00	SM 9223 Colilert	5/28/24 16:54	5/29/24 11:09		MAC	N/A 1



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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	052224	701		052124	D	0835	06003	2420837-01	KISTLERC_982
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	052224	703		052124	D	0812	06003	2420837-02	KISTLERC_983
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	051524	704		051424	D	0823	06003	2419923-01	KISTLERC_515
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	052924	704		052824	D	0924	06003	2421795-01	KISTLERC_1239
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	051524	705		051424	D	0817	06003	2419923-02	KISTLERC_516
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	052924	705		052824	D	0839	06003	2421795-02	KISTLERC_1240
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	052224	707		052124	D	0823	06003	2420837-03	KISTLERC_984

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	2306	BENZO(A)PYRENE (SOC)	222	0.0	0.00020		051424	100		050624	E	0744	06003	2418778-01	KISTLERC_667
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_804
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_807
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_814
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_819
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_822
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_825
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_828



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysi s Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 831
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 834
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 837
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 840
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 843
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 846
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 849
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 852
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 855
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 858
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 861
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 864
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 867
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		051624	100		051524	E	0936	06003	2419921-01	KISTLERC_ 870
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 805
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 808
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 815
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 820
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 823
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 826



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysi s Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 829
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 832
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 835
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 838
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 841
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 844
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 847
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0011	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 851
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 853
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 856
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 859
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 862
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 865
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 868
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		051624	102		051524	E	0929	06003	2419921-02	KISTLERC_ 871
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 806
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 809
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 816
7220038	2964	DICHLROMETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 821
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 824



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysi s 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		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 827
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 830
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 833
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 836
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 839
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 842
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 845
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 848
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 850
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 854
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 857
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 860
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 863
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 866
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 869
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		051624	105		051524	E	0953	06003	2419921-04	KISTLERC_ 872
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 417
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 419
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 433
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_ 439



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

7220038: VEOLIA MIDDLETOWN

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysi s Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_441
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_443
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_445
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_447
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_449
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_451
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_453
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_455
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_457
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_459
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_461
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_463
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_465
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_467
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_469
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_471
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_473



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2421794

Reported: 06/07/24

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: 2421794-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 05/28/24 09:48 **Received:** 05/28/24 14:45
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	198	mg CaCO ₃ /L	20	SM 2320 B	05/29/24		ORL	N/A N/A	
Total Hardness as CaCO ₃	334	mg/l	4.56	CALCULATED	05/30/24		HRG	N/A N/A	
Phosphorus as P, Total	0.06	mg/l	0.01	SM 4500-P F	06/05/24		SNF	N/A N/A	
Silica as SiO ₂	22.8	mg/l	2.14	CALCULATED	05/30/24		HRG	N/A N/A	
Conductivity	740	umhos/cm	10	SM 2510 B	05/31/24		ORL	N/A N/A	
Total Metals									
Calcium	104	mg/l	1	EPA 200.7 Rev 4.4	05/30/24		HRG	N/A N/A	
Iron	0.02	mg/l	0.02	EPA 200.7 Rev 4.4	05/31/24		HRG	N/A 0.3	PASS
Magnesium	18.2	mg/l	0.5	EPA 200.7 Rev 4.4	05/30/24		HRG	N/A N/A	
Manganese	<0.005	mg/l	0.005	EPA 200.8 Rev 5.4	05/30/24		MPB	N/A 0.05	PASS
Silicon	10.7	mg/l	1.0	EPA 200.7 Rev 4.4	05/30/24		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	Prepared Date	Prepared By
2421794-01			
SM 4500-P F	SM 4500-P B	06/04/2024	SNF



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Additional accreditations by MD (261)



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2418778

Reported: 05/20/24

Lab Contact: Christina M Kistler

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

Project: DW-Annual SOC
7220038

Lab ID: 2418778-01 **Collected By:** Client
Sample Desc: 100 Entry Point Well #1
Notes:

Sampled: 05/06/24 07:44 **Received:** 05/07/24 14:00
PADEP Type: E-Entry Point
PWSID: 7220038 **Loc ID:** 100

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max
Organics								
Benzo(a)pyrene	<0.0002	mg/l	0.0002	EPA 525.2 Rev 2.0	05/14/24		WJS	N/A 0.0002
Surrogates								
1,3-Dimethyl-2-nitrobenzene	94.4%		70-130	EPA 525.2 Rev 2.0	05/14/24		WJS	
Perylene-d12	99.6%		70-130	EPA 525.2 Rev 2.0	05/14/24		WJS	
p-Terphenyl-d14	155%		70-300	EPA 525.2 Rev 2.0	05/14/24		WJS	
Pyrene-d10	85.6%		70-130	EPA 525.2 Rev 2.0	05/14/24		WJS	
Triphenylphosphate	113%		70-130	EPA 525.2 Rev 2.0	05/14/24		WJS	

Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
2418778-01			
EPA 525.2 Rev 2.0	EPA 525.2 Rev 2.0	05/12/2024	BKM



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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	051524	704		051424	D	0823	06003	2419923-01	KISTLERC_515
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	051524	705		051424	D	0817	06003	2419923-02	KISTLERC_516

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	2306	BENZO(A)PYRENE (SOC)	222	0.0	0.00020		051424	100		050624	E	0744	06003	2418778-01	KISTLERC_667
7220038	2378	1,2,4-TRICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_417
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_419
7220038	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_433
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_439
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_441
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_443
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_445
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_447
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_449
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_451
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_453
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01	KISTLERC_455



E-Government Application for Drinking Water
Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

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	Record ID
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_457
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_459
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_461
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_463
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_465
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_467
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_469
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_471
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		050824	106		050624	E	0832	06003	2418780-01 KISTLERC_473



Webb, Kodi <kodi.webb@veolia.com>

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6 messages

ra-padwis@pa.gov <ra-padwis@pa.gov>

Wed, Jun 5, 2024 at 9:37 AM

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File Name	User	Record ID Range
PA DEP SDWA-1 100 Well No 1 (26).xls	HANNANJ	HANNANJ_1 through HANNANJ_31

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ra-padwis@pa.gov <ra-padwis@pa.gov>

Wed, Jun 5, 2024 at 9:38 AM

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PA DEP SDWA-1 102 Well No 2 (26).xls	HANNANJ	HANNANJ_32 through HANNANJ_62

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PA DEP SDWA-1 103 Well No 3 (26).xls	HANNANJ	HANNANJ_63 through HANNANJ_93

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PA DEP SDWA-1 104 Well No 4 (26).xls	HANNANJ	HANNANJ_94 through HANNANJ_124

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File Name	User	Record ID Range
PA DEP SDWA-1 105 Well No 5 (26).xls	HANNANJ	HANNANJ_125 through HANNANJ_155

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ra-padwis@pa.gov <ra-padwis@pa.gov>Wed, Jun 5, 2024 at 9:41 AM

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File Name	User	Record ID Range
PA DEP SDWA-1 106 Well No 6 (27).xls	HANNANJ	HANNANJ_156 through HANNANJ_186

[Quoted text hidden]



Webb, Kodi <kodi.webb@veolia.com>

Data Added Successfully by HANNANJ

1 message

ra-padwis@pa.gov <ra-padwis@pa.gov>

Wed, Jun 5, 2024 at 9:46 AM

To: kodi.webb@veolia.com, james.hannan@veolia.com, Micah.Ammerman@veolia.com

HANNANJ successfully added data to DWELR on 06/05/24 at 9:47 AM. Form: SDWA1.

Form Type	User	LabID	PWSID	ContamID	Pre_ID	Loc_Epid	Sample Date
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_187	701	050724
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_188	703	050724
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_189	707	050724
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_190	704	051424
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_191	705	051424
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_192	701	052124
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_193	703	052124
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_194	707	052124
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_195	704	052824
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_196	705	052824

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MIDDLETOWN MONTHLY REPORT

APPENDIX 3 CUSTOMER SERVICE

MONTHLY CONSUMPTION, BILLING & TRANSACTION REPORTS

&

HOMESERVE REPORT

	NUMBER#	TOTAL ARREARS	TOTAL CURRENT	TOTAL BALANCE	ACTIVE ACCOUNT RECONCILIATION
ACTIVE ACCOUNTS:	2,769	199,067.45	711,894.32	910,961.77	NEW ACCOUNTS: 16
DISCONNECTED ACCTS:	12	868.63	674.03	1,542.66	DISCONNECT--NO TRF: 12
FINALED ACCOUNTS:	424	16,549.62		16,549.62	DISCONNECT-TRANSFER: 0
INACTIVE ACCOUNTS:	12,554	0.00		0.00	

GRAND TOTALS 15,759 216,485.70 712,568.35 929,054.05

CALCULATION SUMMARY

TOTAL CHARGES:	712,568.35
DEPOSIT RETURNS:	0.00
TOTAL CURRENT:	712,568.35

===== SERVICE CATEGORY TOTALS =====

CATEGORY	NUMBER	TOTAL NET	FUEL-ADJ	TOTAL TAX	TAXABLE	BILLED CONSUMPTION	UNBILLED CONSUMPTION	TOTAL CONSUMPTION
S SEWER	2705	420,766.81	0.00	0.00	0.00	14776,700.0000		14776,700.0000
SR SURCHARGE	8	0.00	0.00	0.00	0.00			
SR2 SURCHARGE 2	8	0.00	0.00	0.00	0.00			
SR3 SURCHARGE 3	2751	30,930.92	0.00	0.00	0.00			
W WATER	5388	260,870.62	0.00	0.00	0.00	18323,200.0000		18323,200.0000
TOTALS		712,568.35	0.00	0.00	0.00			

===== REVENUE CODE TOTALS =====

SERVICES:	R/C DESCRIPTION	G/L ACCOUNT#	AMOUNT
	200-WTR MDT	687-145900	85,630.56
	203-WTR MDT COMMERCIAL	687-145900	99,757.28
	206-CUSTOMER CHARGE	687-145900	13,520.96
	207-SERVICE CHG / METER	687-145900	53,176.81
	210-WTR ROYAL	687-145900	8,724.00
	220-WTR L SWT	687-145900	61.01
	230-SURCHARGE WATER/SEWER	687-145900	0.00
	231-SURCHARGE WATER/SEWER	687-145900	0.00
	232-SURCHARGE WATER/SEWER	687-145900	30,930.92
	300-SWR MDT	687-145800	350,129.00
	306-SW CUST CHARGE	687-145800	70,637.81
	310-SWR ROYAL	687-145800	0.00
	320-SWR L SWT	687-145800	0.00
	R/C TOTALS		712,568.35

===== 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	2703	420,766.81	0.00	0.00	0.00	14,776,700.0000	799
SR	230	SR2	SURCHARGE WATER/SEWE	SR2	8	0.00	0.00	0.00	0.00		
SR2	231	SR2	SURCHARGE WATER/SEWE	SR2	8	0.00	0.00	0.00	0.00		
SR3	232	232	SURCHARGE WATER/SEWE	SR3	2751	30,930.92	0.00	0.00	0.00		
W	200	C10	COMM 1" MTR	C10	31	3,885.07	0.00	0.00	0.00	275,000.0000	
W	200	C15	COMM 1 1/2" MTR	C15	9	7,914.34	0.00	0.00	0.00	683,800.0000	
W	200	C20	COMM 2" MTR	C20	23	17,444.76	0.00	0.00	0.00	1,496,700.0000	
W	200	C30	COMM 3" MTR	C30	5	9,627.61	0.00	0.00	0.00	843,800.0000	
W	200	C40	COMM 4" MTR	C40	2	110.96	0.00	0.00	0.00	2,500.0000	
W	200	C58	COMM 5/8" MTR	C58	20	2,467.24	0.00	0.00	0.00	177,200.0000	
W	200	C60	COMM 6" MTR	C60	13	52,374.51	0.00	0.00	0.00	4,614,000.0000	
W	200	C75	COMM 3/4" MTR	C75	2	486.30	0.00	0.00	0.00	39,000.0000	
W	200	C80	COMM 8" MTR	C80	4	8,922.92	0.00	0.00	0.00	774,900.0000	
W	200	COM	COMPOUND WATER N/C	COM	10	0.00	0.00	0.00	0.00		
W	200	LS8	LOWER SWAT 8" MTR	LS8	1	61.01	0.00	0.00	0.00		
W	200	NCW	NO CHG	NCW	25	0.00	0.00	0.00	0.00	49,800.0000	
W	200	R10	RESID 1" MTR	R10	56	2,870.00	0.00	0.00	0.00	126,400.0000	
W	200	R58	RESID - 5/8" MTR	R58	2560	142,827.30	0.00	0.00	0.00	7,253,000.0000	
W	200	R60	RESID 6" MTR	R60	1	2,816.71	0.00	0.00	0.00	246,700.0000	
W	200	R75	RESID 3/4" MTR	R75	4	207.64	0.00	0.00	0.00	9,700.0000	
W	200	RB6	ROYALTON BOR 6" MTR	RB6	2	8,724.00	0.00	0.00	0.00	1,730,700.0000	
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						712,568.35	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	18,323,200.0000	0.000	18,323,200.0000	

===== 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

06-03-2024 02:38 PM
PERIOD: 5/01/2024 THRU 5/31/2024
ZONE: * - All Zones
REVENUE CODE: All
ADJUSTMENT CODES:

MONTHLY TRANSACTION REPORT

PAGE: 25

===== D A I L Y D I S T R I B U T I O N =====

TYPE	DAY	COUNT	AMOUNT
ADJUSTMENT	02	5	180.47CR
	03	1	40.00
	06	2	2,790.00
	07	1	50.00
	09	1	40.00
	10	4	2,388.53CR
	16	1	40.00
	23	4	80.00
	24	20	858.21CR
	28	6	467.20CR
	29	129	0.00
	30	4	2,667.57
	31	1	20.00
ADJUSTMENT TOTAL			1,833.16
BILL	01	2	32.15
	06	2	37.62
	07	1	18.81
	09	4	50.48CR
	23	3	165.92
	28	3	198.06
	29	2,770	712,190.40
	30	2	24.13CR
BILL TOTAL			712,568.35
APPLIED DEPOSIT	23	1	0.00
APPLIED TOTAL			0.00
LATE CHARGE	29	453	9,332.05
LATE TOTAL			9,332.05
MEMO	23	2	0.00
MEMO TOTAL			0.00
PAYMENT	01	21	4,997.19CR
	02	93	16,831.02CR
	03	100	19,658.31CR
	06	92	20,305.02CR
	07	52	8,506.58CR
	08	227	51,016.66CR
	09	238	68,739.54CR
	10	132	43,919.11CR
	13	108	41,252.07CR

Difference - adj total ± \$ Billed -
Other Revenue \$11,165.21

06-03-2024 02:38 PM
PERIOD: 5/01/2024 THRU 5/31/2024
ZONE: * - All Zones
REVENUE CODE: All
ADJUSTMENT CODES:

MONTHLY TRANSACTION REPORT

PAGE: 26

===== D A I L Y D I S T R I B U T I O N =====

TYPE	DAY	COUNT	AMOUNT
	14	307	189,575.24CR
	15	142	65,160.67CR
	16	93	17,238.39CR
	17	93	16,370.92CR
	20	107	23,081.42CR
	21	23	4,191.80CR
	22	28	6,331.47CR
	23	32	5,058.28CR
	24	51	9,239.76CR
	28	69	28,992.21CR
	29	23	4,281.45CR
	30	23	7,965.31CR
	31	23	6,428.99CR
PAYMENT TOTAL			659,141.41CR
DRAFT	15	421	69,792.66CR
	20	25	22,598.63CR
DRAFT TOTAL			92,391.29CR
REVERSE-PAY	08	1	189.23
	09	1	42.21
	23	4	1,289.18
	31	1	162.15
REVERSE PAY TOTAL			1,682.77
GRAND TOTAL FOR PERIOD			26,116.37CR

> Total Collected = \$ 751,532.70

ACTION		ISSUED THIS PERIOD				PRIOR ORDERS			TOTAL	TOTAL
		ISSUED	COMPLETED	VOIDED	OUTSTANDING	COMPLETED	VOIDED	OUTSTANDING	COMPLETED	OUTSTANDING
C	CONNECT	2	2	0	0	221	4	0	223	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	24	24	0	0	4,209	110	0	4,233	0
M	METER CHANGE	11	11	0	0	1,118	9	0	1,129	0
O	OCC CHANGE	14	14	0	0	1,620	3	0	1,634	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	0	0	0	0	847	25	0	847	0
** GRAND TOTALS **		51	51	0	0	8,100	160	0	8,151	0

6/26/2024 10:41 AM
ZONE: < All Zones >
SORT: ACCOUNT

M X U R E P O R T

PAGE: 83
GROUP: * - All Groups

METER NO#	ACCOUNT NO#	NAME	ADDRESS	MXU TYPE	MXU ID
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 14171083	INVENTORY				1575719576
W 161607079	INVENTORY				1573584092

*** TOTAL METERS IN SERVICE 2789
*** TOTAL METERS IN INVENTORY 1264

***** REPORT TOTALS *****

==== REVENUE CODE TOTALS ====

REVENUE CODE:	--CURRENT--	+1 MONTHS	+2 MONTHS	+3 MONTHS	+4 MONTHS	--BALANCE--
081-NSF CK FEE	20.00	94.61	4.87	0.52	0.00	120.00
200-WTR MDT	84741.94	16658.56	6824.23	2218.19	4934.32	115377.24
201-WATER TURN ON	0.00	54.81	43.14	32.87	73.58	204.40
203-WTR MDT COMMERCIAL	100234.54	9184.57	798.43	9.26	105.11	110331.91
206-CUSTOMER CHARGE	13197.66	2435.07	990.94	372.46	2821.29	19817.42
207-SERVICE CHG / METER	51853.44	9600.34	3823.94	1441.94	10949.33	77668.99
210-WTR ROYAL	8724.00	0.00	0.00	0.00	0.00	8724.00
220-WTR L SWT	61.01	0.00	0.00	0.00	0.00	61.01
230-SURCHARGE WATER/SEWER	16.28	7.45	7.37	7.07	1242.68	1280.85
231-SURCHARGE WATER/SEWER	149.90CR	45.51	49.90	48.25	1928.07	1921.83
232-SURCHARGE WATER/SEWER	29465.40	2483.65	606.03	114.71	84.40	32754.19
240-WATER TAP FEE	1365.00	0.00	0.00	0.00	0.00	1365.00
275-WTR PEN	242.90CR	2869.79	846.15	229.90	1164.09	4867.03
300-SWR MDT	344159.68	55430.05	16064.99	4732.06	10972.10	431358.88
306-SW CUST CHARGE	68750.10	13003.23	5278.88	2053.13	28646.07	117731.41
340-SEWER TAP	1425.00	0.00	0.00	0.00	0.00	1425.00
375-SWR PEN	339.43CR	5182.29	1431.28	367.85	2587.14	9229.13
996-UNAPPLIED	19437.84CR	0.00	0.00	0.00	0.00	19437.84CR
999-REFUND	2337.94CR	0.00	0.00	0.00	0.00	2337.94CR
TOTALS	681506.04	117049.93	36770.15	11628.21	65508.18	912462.51

TOTAL REVENUE CODES: 912,462.51

TOTAL ACCOUNT BALANCE: 912,462.51

DIFFERENCE: 0.00

5/31/2024 9:03 AM
ZONE: ALL ZONES
SERVICE: 200-WATER

I D L E M E T E R R E P O R T

PAGE: 1

**** REPORT TOTALS ****

Book	Services	Addresses
02 - BOOK 02	1	0
03 - BOOK 03	2	0
04 - BOOK 04	4	0
05 - BOOK 05	1	0
09 - BOOK 09	1	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
29 - BOOK 29	2	0

Grand Totals	21	1
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*** SERVICE CATEGORY TOTALS ***

SERV CATG	NUMBER BILLED	BILL CONS	TOTAL CONS	DEMAND CONS	TAX AMOUNT	BILL AMOUNT
S	2,705	14,776,700	14,776,700		\$	420,766.81
SR	2,659	0	0			
SR2	2,742	0	0			
SR3	2,751	0	0		\$	30,930.92
W	5,388	18,323,200	18,323,200		\$	260,870.62

2024 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	2/15/2024	2/21/2024	237	3/11/2024	79	8 SHUT OFFS(3 OCCUPIED, 5 VACANT) 3 PROPERTIES TURNED BACK ON
February Bill Cycle	3/15/2024	3/19/2024	252	4/8/2024	78	12 SHUT OFFS (7 OCCUPIED, 5 VACANT) 7 PROPERTIES TURNED BACK ON
March Bill Cycle	4/15/2024	4/18/2024	244	5/6/2024	82	3 SHUT OFFS (1 OCCUPIED, 2 VACANT) 2 PROPERTIES TURNED BACK ON
April Bill Cycle	5/15/2024	5/22/2024	221	6/6/2024	75	7 SHUT OFFS (4 OCCUPIED, 3 VACANT) 3 PROPERTIES TURNED BACK ON
May Bill Cycle						
June Bill Cycle						
July Bill Cycle						
August Bill Cycle						
September Bill Cycle						
October Bill Cycle						
November Bill Cycle						
December Bill Cycle						

MAY 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 Corrspondance (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
May 1st, 2024	35	2	37	1						8		19	3	2	2								
May 2nd, 2024	50	3	53	2						5		43											
May 3rd, 2024	50	1	51	0			1			6		43											
May 6th, 2024	42	4	46	2						4		31	3		2								
May 7th, 2024	35	0	35	1						8		19	7										
May 8th, 2024	39	0	39	0						2		37											
May 9th, 2024	39	2	41	3						4		31	1										
May 10th, 2024	51	3	54	1						2		42	5		1								
May 13th, 2024	46	2	48	0						2		42	2										
May 14th, 2024	37	0	37	3			2					30			2								
May 15th, 2024	60	2	62	0			1	1		3		55											
May 16th, 2024	30	3	33	2			1			3		24											
May 17th, 2024	47	0	47	0						1		46											
May 20th, 2024	34	3	37	1			1			4		27	1										
May 21st, 2024	16	2	18	2						3		9			2								
May 22nd, 2024	19	2	21	0						1	1	17											
May 23rd, 2024	25	10	35	2						1		21			1								
May 24th, 2024	44	2	46	1						5		35			3								
May 28th, 2024	21	5	26	1				1		4		14		1									
May 29th, 2024	20	5	25	3			2			4		10			1								
May 30th, 2024	22	4	26	2			1			3		16											
May 31st, 2024	22	6	28	3			1			6		8		2	2								
GRAND TOTALS	762	55	817	27		0	9	2	0	73	1	611	22	3	14	0	0	0	0	0	0	0	0

Partner Reporting Dashboard

[Back to Partner Select Page](#)

SUEZ (Middletown)

Date Start

2023-05-31

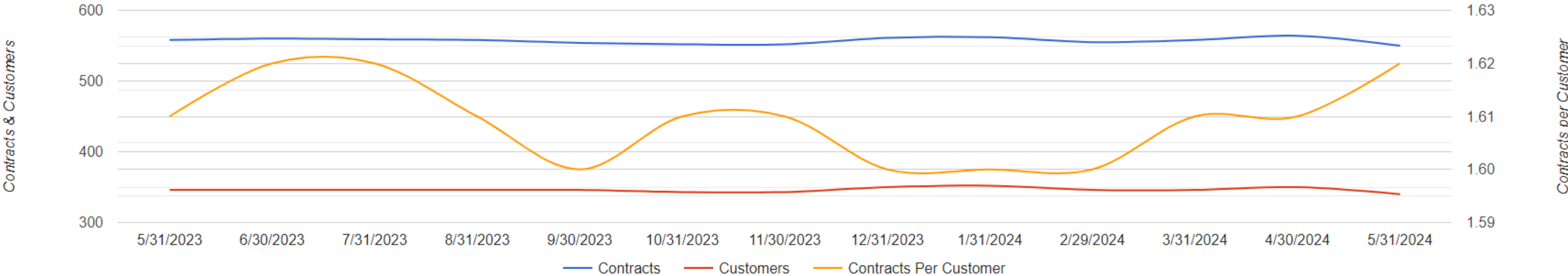
Date End

2024-05-31

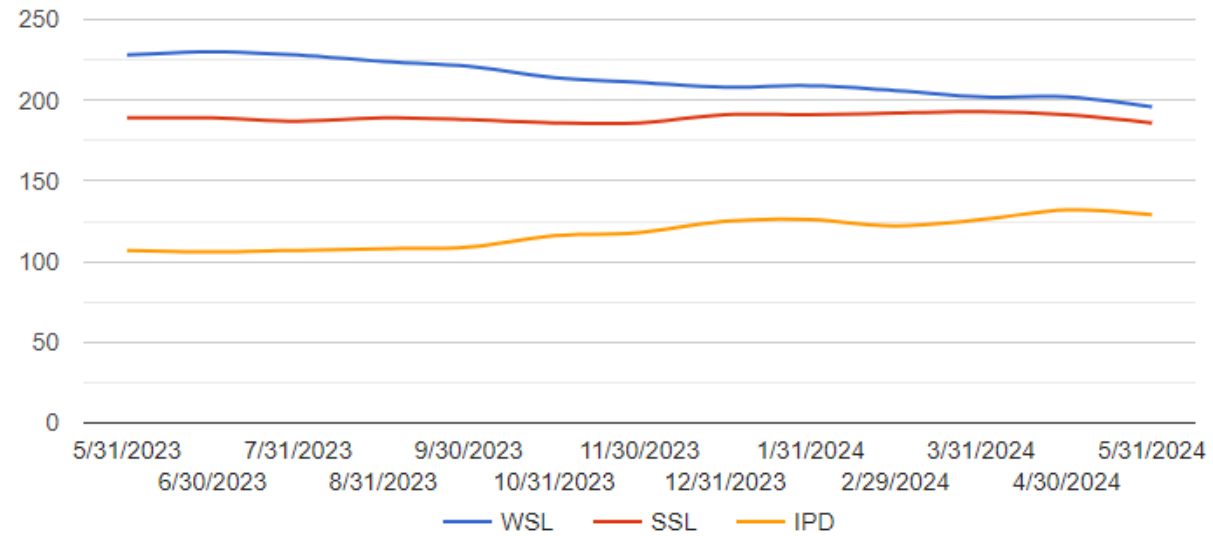
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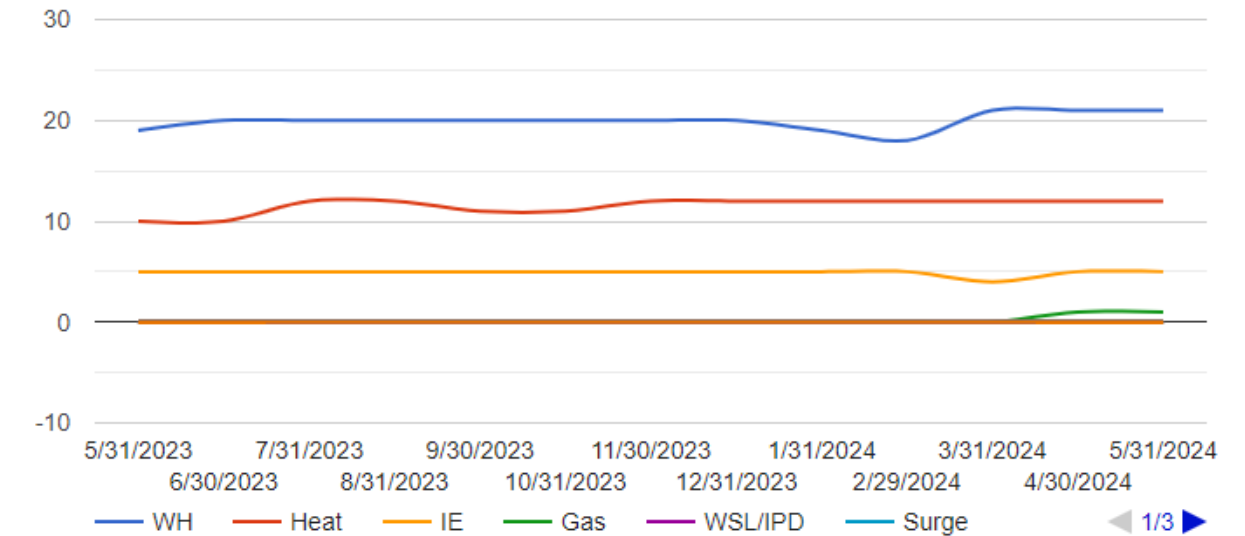
Contracts and Customers



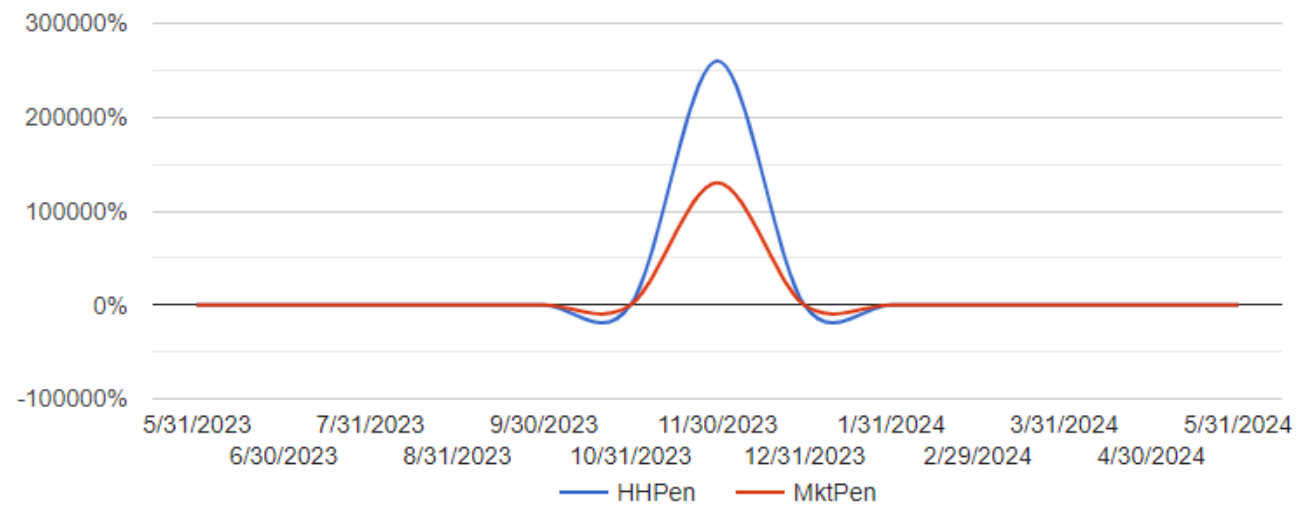
Leading Contracts by Type (Top 3)



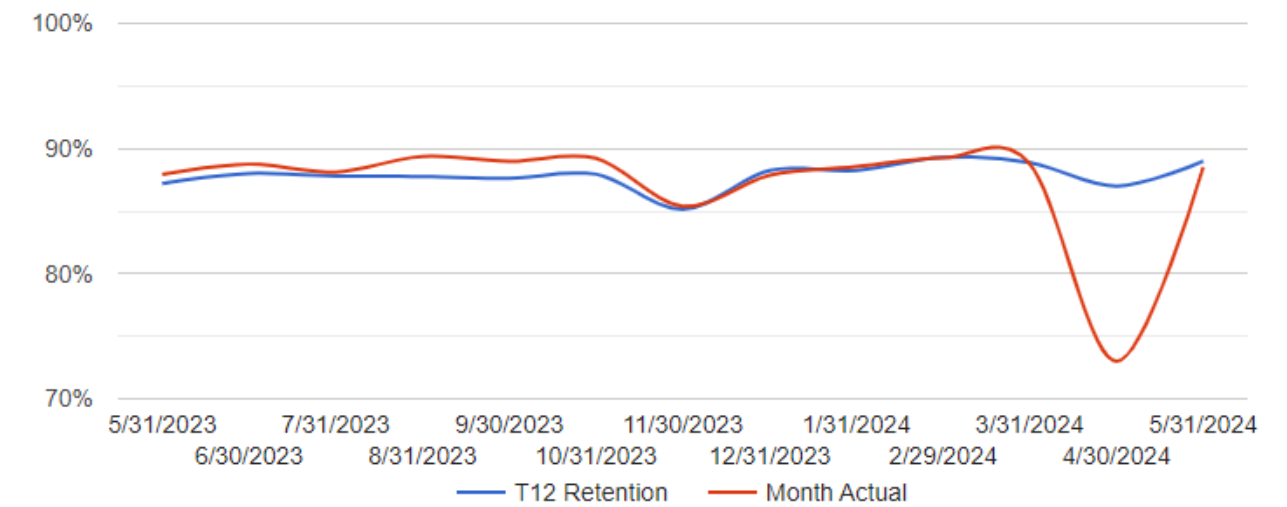
Leading Contracts by Type Other



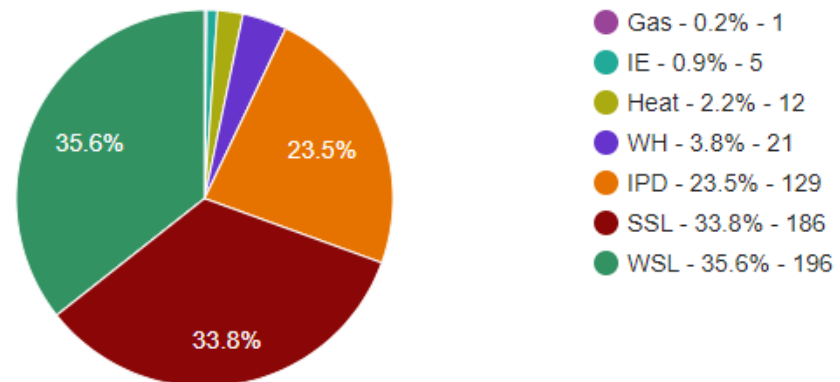
Household Penetration



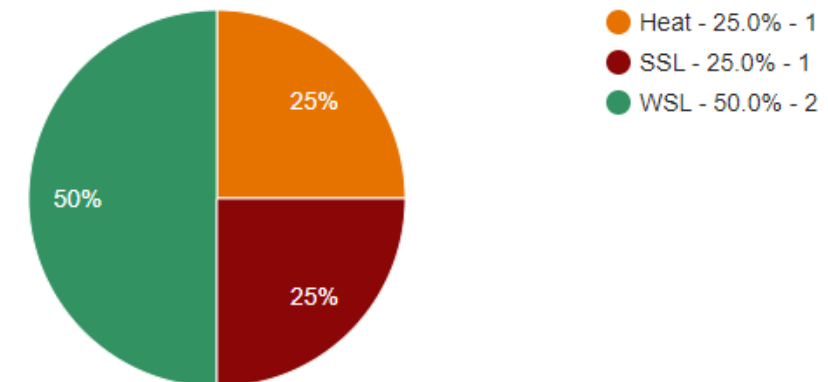
Retention



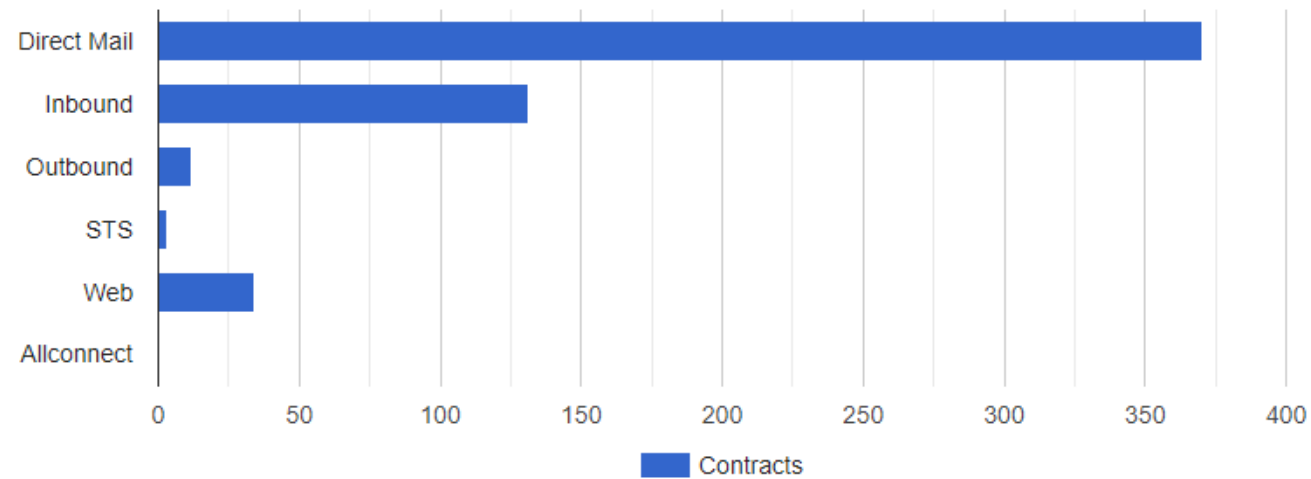
Contracts by Product Type



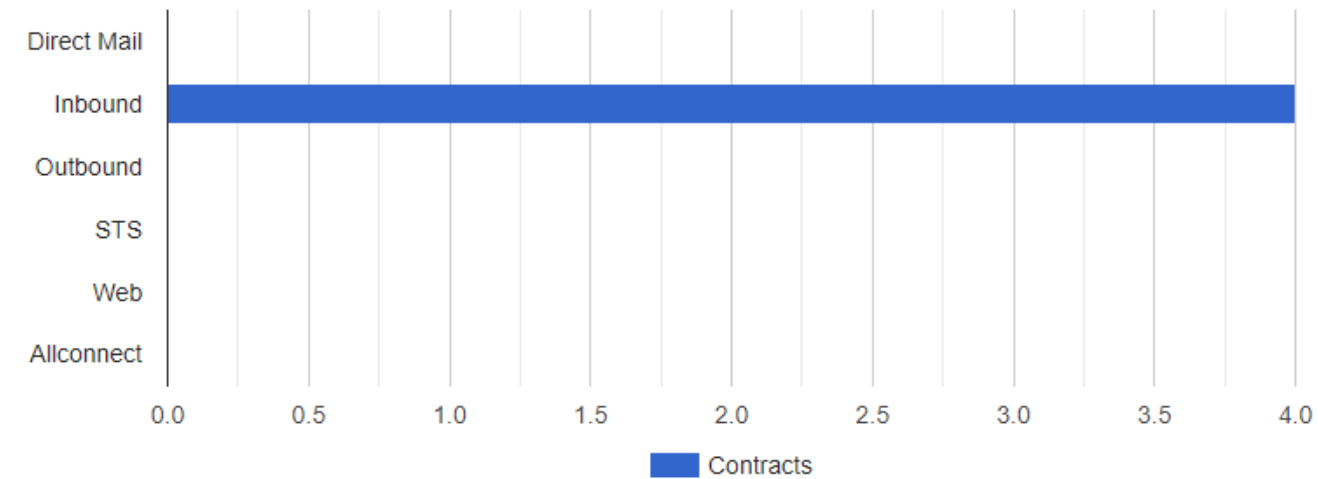
Contracts by Type - Last 30 Days



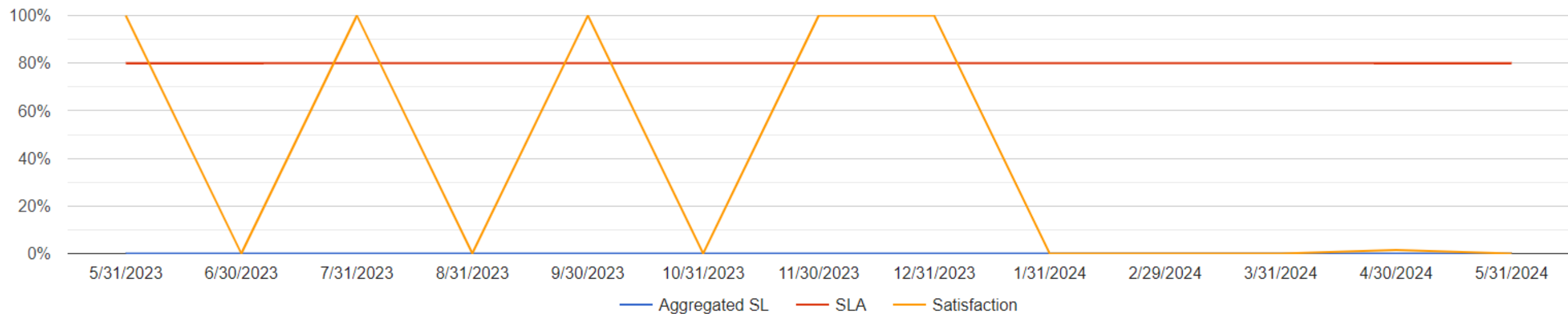
Contracts by Channel



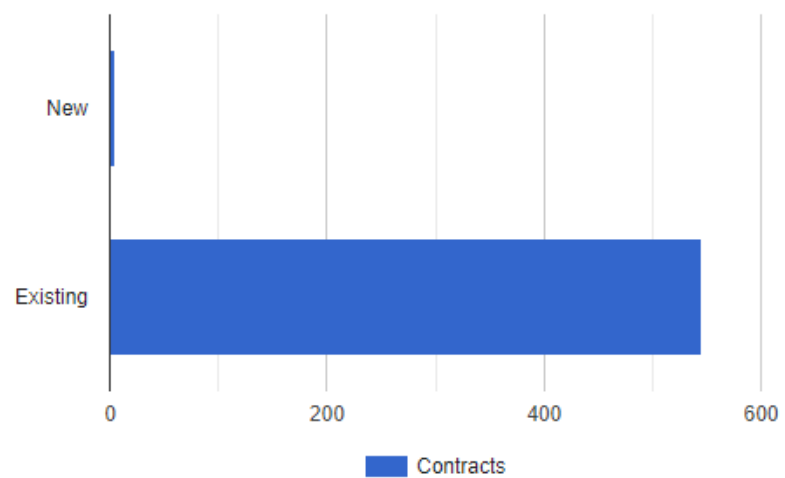
Contracts by Channel - Last 30 Days



Service Levels And Satisfaction

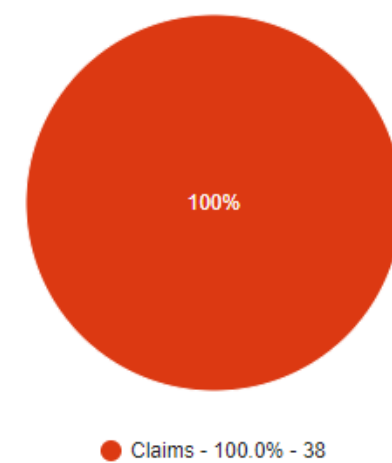


New v. Existing

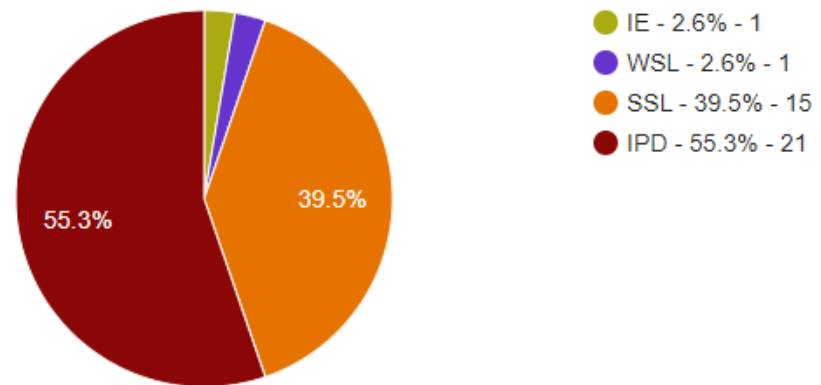


Rolling Complaints by Type

Complaints vs Claims



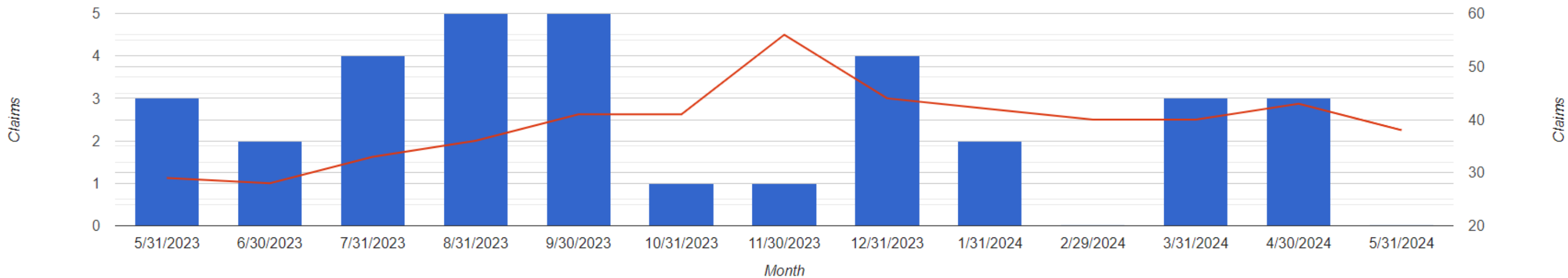
T12 Month Claims by Type



T1 Month Claims by Type

Claims History

Claims T12 Claims



MIDDLETOWN MONTHLY REPORT

APPENDIX 4

WATER MAIN LEAK LOGS

APPENDIX 5

**QUARTERLY METER TEST AND CALIBRATION
REPORTS**

MIDDLETOWN MONTHLY REPORT

APPENDIX 6