

Veolia MIDDLETOWN
453 South Lawrence Street
Middletown, PA 17057
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January 31, 2025

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RE: Transmittal of Veolia Middletown Operations Report December 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,

Jason Kiernan

Jason Kiernan
Vice President
Veolia Middletown

cc: Michael Winfield
Ken Bonn
Shuang Li

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

December 2024



MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

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EXECUTIVE SUMMARY

This report covers the monthly period of December 1, 2024 through December 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 East Water Street.
- Replaced RAS Pump #3.
- Annual backflow prevention testing completed.
- North Union Street temporary booster station activated.
- North Union Street Tank rehabilitation preparation began.

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Regulatory Compliance

A Notice of Violation (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

On December 4th, 2024, 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 withdrawal quantity of 1,070,000 gallons per day (gpd), which is what the well is currently

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permitted for. After reviewing the application in further detail, SRBC has proposed 324,000 gpd as the 30-day average quantity allowed to be pumped from the well. Veolia is working with HRG and ARM group to perform additional evaluations to support a request for 600,000 gpd permitted withdrawal from Well 6. On May 21, 2024, SRBC requested additional information to perform a technical review on the 0.856 MGD 30-day average quantity requested for well 6. The final information for the technical review was submitted in August 2024 and the Well 6 docket was placed on the agenda for the September 12, 2024 SRBC business meeting for approval. The docket was approved.

Environment, Health and Safety

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

The Middletown Wastewater Treatment Plant experienced a small chlorine gas leak on December 5, 2024. The chlorine gas alarm from the chlorine room sounded after operators switched 150-pound cylinders that day. The chlorine cylinders are routinely switched on a biweekly basis. Each operator is trained on this standard operating procedure (SOP) and in this case, the operator who changed cylinders has 26 years of experience onsite and followed the SOP. After the alarm sounded, Veolia staff evacuated to the onsite muster point and notified 9-1-1 as per site Emergency Response Plan (ERP) protocol. The Middletown Fire Department arrived and found no significant leak. Univar arrived and identified the small leak to be caused by a faulty lead washer to the cylinder. The lead washer was replaced and the chlorine bottle was put back online without incident. The surrounding area was tested for chlorine gas after returning cylinder 2 to service and no detection of chlorine was recorded. The chlorine released during the event was confirmed to be less than one pound. The Borough of Middletown and Water Capital Partners were notified of incident immediately.

Veolia management reviewed the event with all operators, while stressing the importance of chlorine gas safety and following the Standard Operating Procedure and Emergency Response Plans. The ERP will be updated in January 2025 to include current site contacts.

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 December was successfully completed on December 26th, 2024.

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- Sent 245, 10-day shut-off notices to accounts that were \$50 past due for the November 2024 billing period

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.

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MONTHLY OPERATIONS REPORT

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

Wastewater Treatment Plant DMR

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

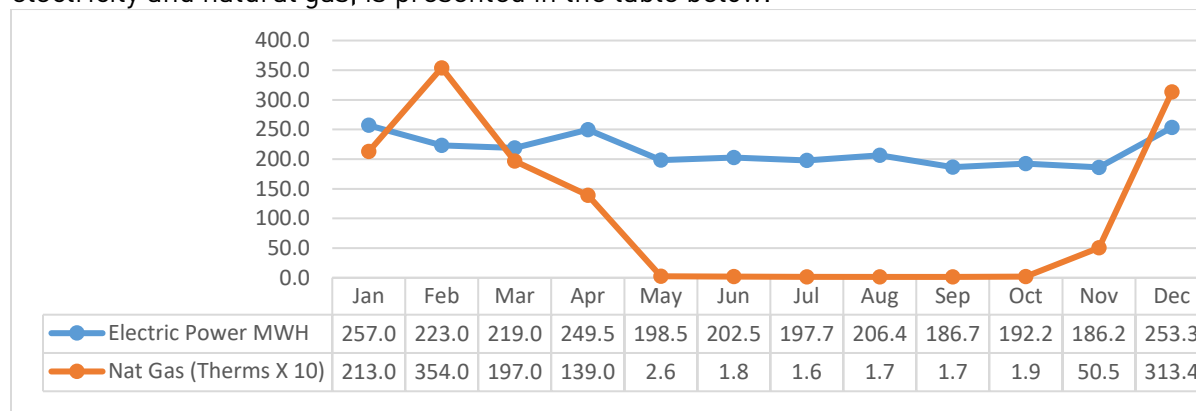
Quality Control Reporting

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

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 improvements. LED lighting and a smart thermostat has been installed in commonly used areas to improve energy efficiency.

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Sustainability

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

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	Raw Pump #2	Wet Well	11/19/24	Capital Project	In Progress

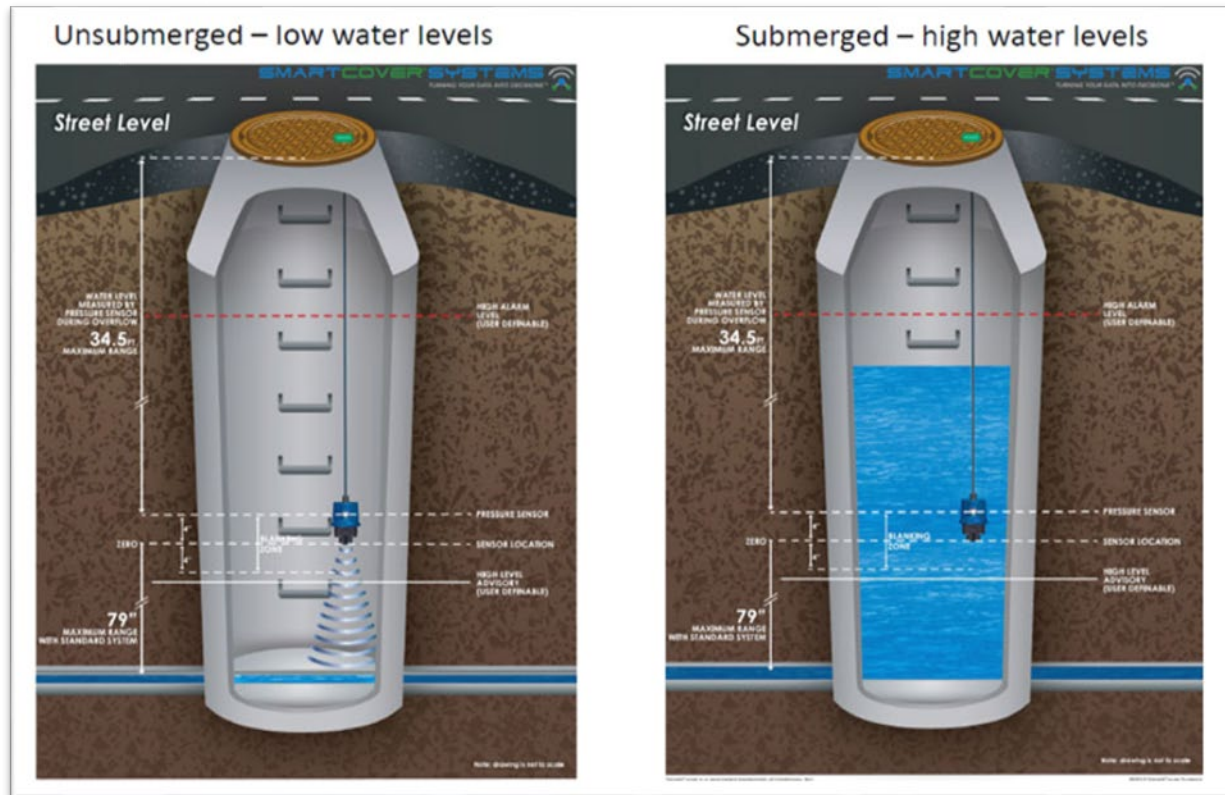
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Sanitary Sewer System

SmartCover® Sewer Monitoring System

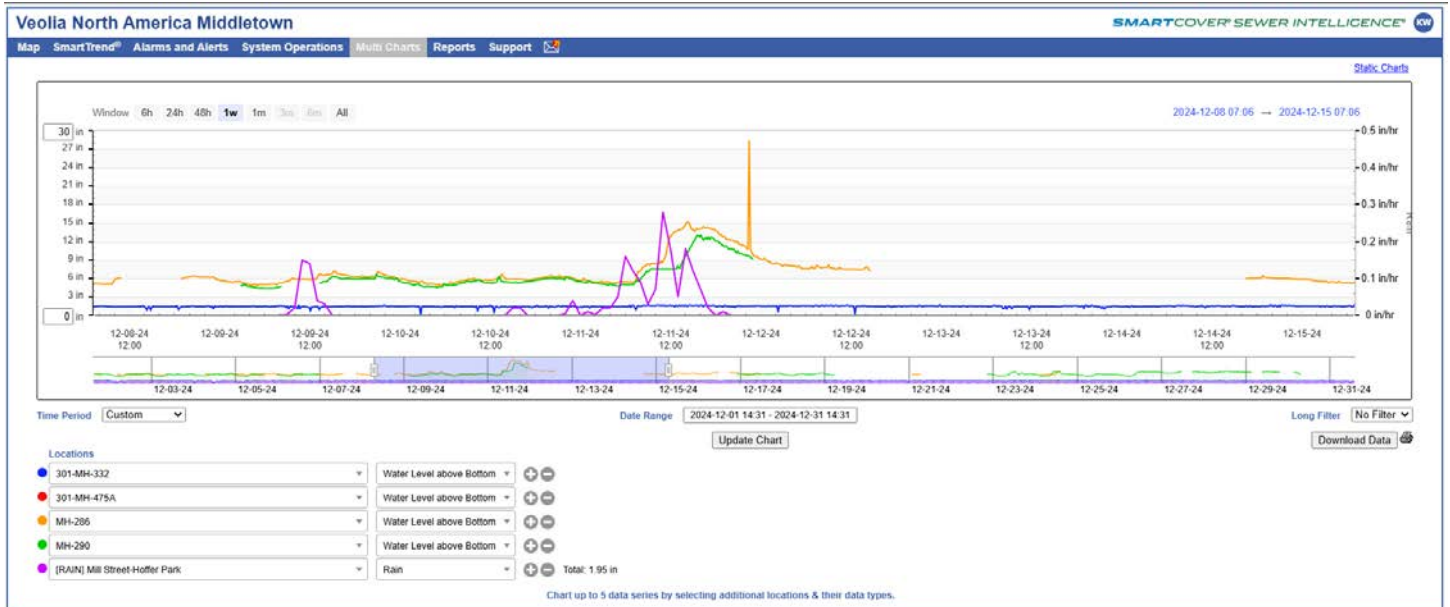


Ultrasonic level sensor (on the left) and pressure transducer (on the right). The covers use level sensing technology to analyze sewer elevations throughout the monitored area. This technology is used to monitor and reduce sanitary sewer overflows (SSO's) at problematic locations. The SmartCovers installed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

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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	0	767	0
Current	0	0	0	0
YTD	188	123	20367	35

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.

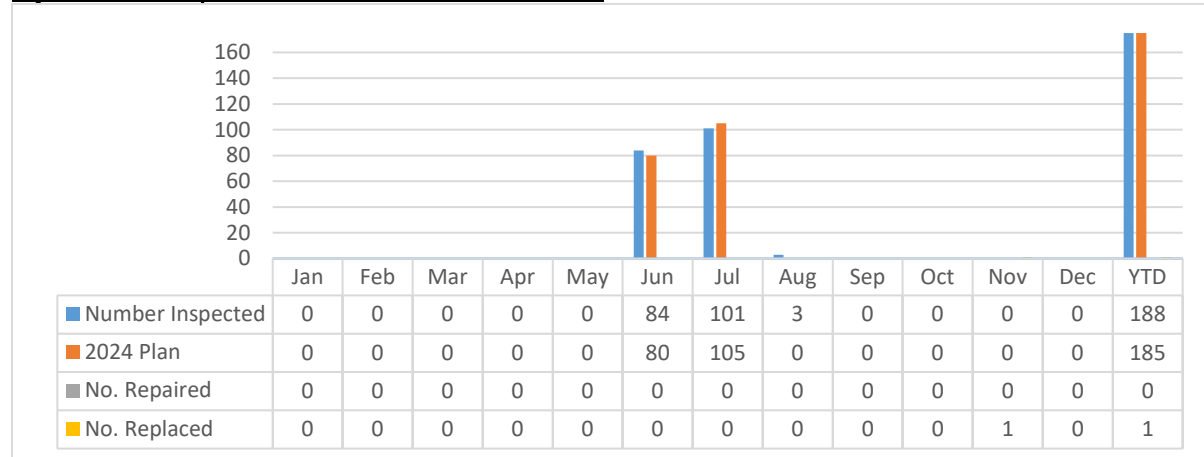
Sanitary Mains Cleaned/CCTV Inspected: The work on this task will be scheduled and completed throughout the year.

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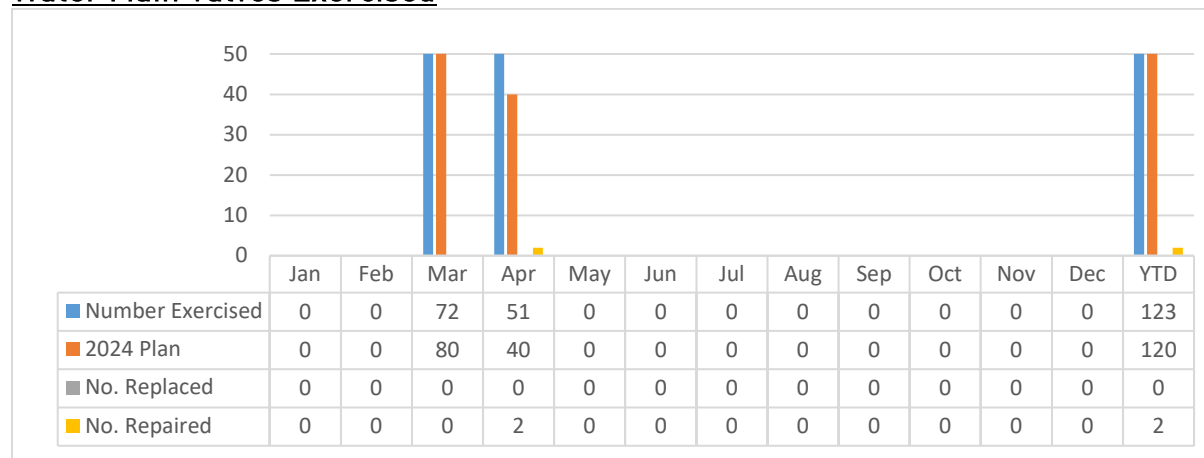
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Hydrants Inspected, Tested and Flushed



Water Main Valves Exercised

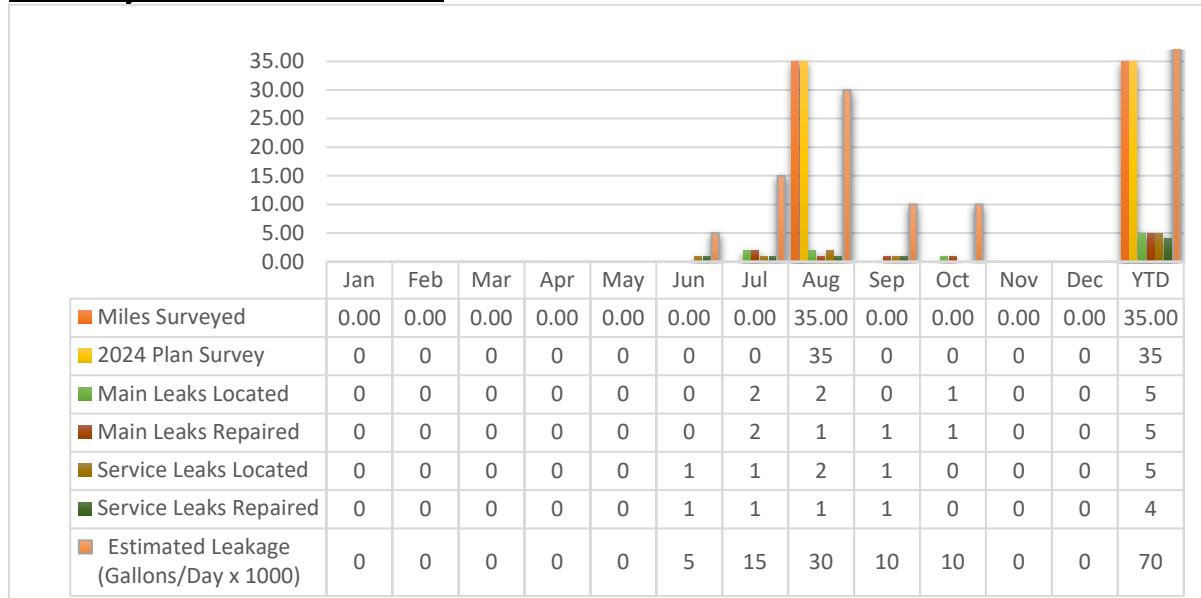


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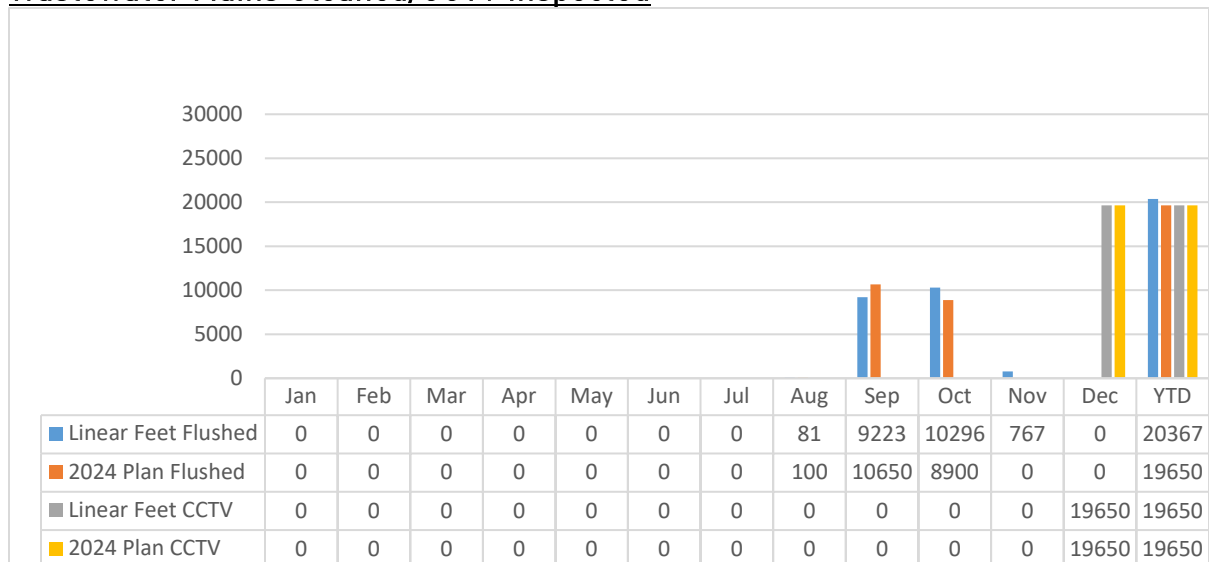
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Water System Leak Detection



Wastewater Mains Cleaned/CCTV Inspected

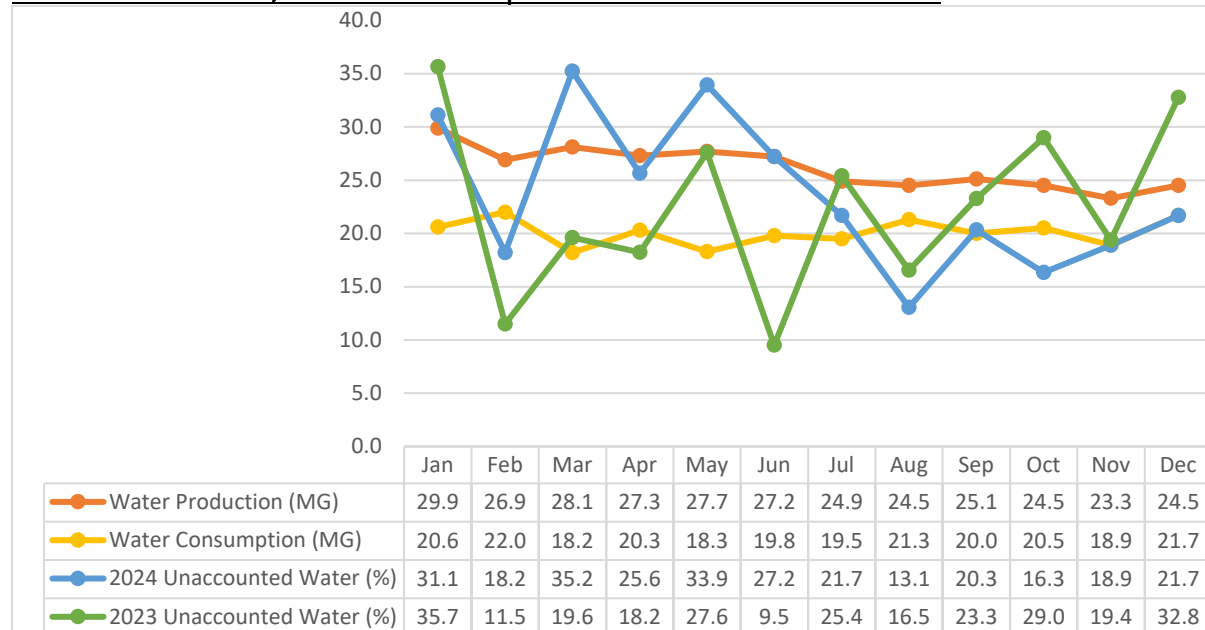


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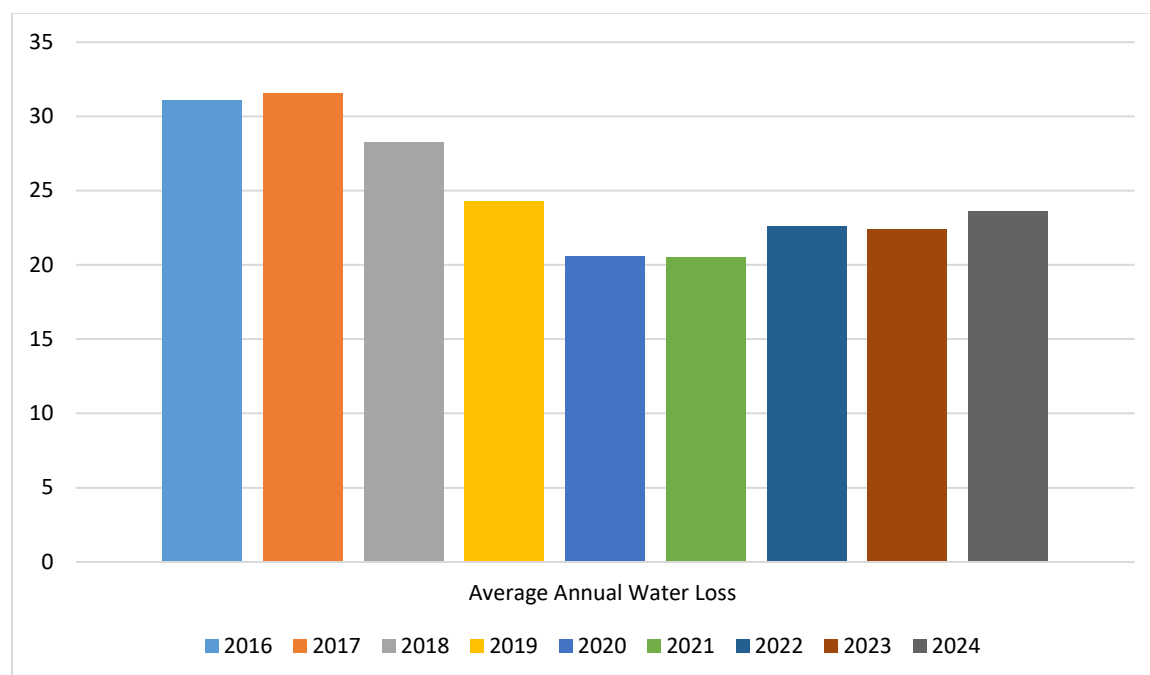


Water Production, Water Consumption and Unaccounted Water



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



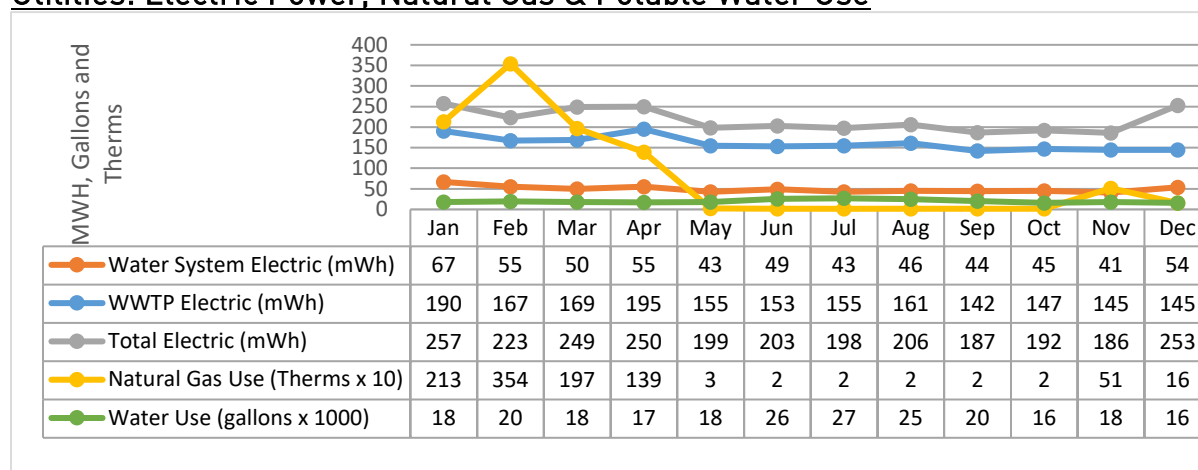
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There was a substantial decrease in the average annual water loss percentage from 2015 to 2016 with the completion of the 2015 Underground Infrastructure Replacement Project. There was another substantial decrease from 2019 to 2020 which coincided 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



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	312	335	332	333	303	232	251	3623
Hydrofluorosilic Acid	lbs	455	427	424	379	221	234	224	221	237	303	270	295	3689
Alum	gal	1430	1350	1443	970	1216	1408	1635	1546	1504	1584	1549	1517	17153
Thickening Polymer	gal	55	62	83	62	76	55	55	53	46	18	55	139	759
Dewatering Polymer	gal	100	98	98	56	62	51	58	58	31	38	42	70	762
Chlorine (WWTP)	lbs	423	314	358	394	470	545	549	500	526	522	383	412	5396
Lime	lbs	2796	4830	4956	2940	3528	3324	4032	3864	1890	3024	2310	4124	41618

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.

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Nitrification Control Program

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

Facility Security

There were no security issues or events during the month.

Meter Testing

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

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

Meter Testing Summary

Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	YTD
WWTP Process	1	0	0	1	0	0	1	0	0	2	0	0	1	1	1	2	5
Water Process	15	0	0	15	0	0	15	0	0	16	0	0	15	15	15	16	61
Interconnect/Large	0	0	0	2	0	0	2	0	0	2	0	0	0	2	2	2	6
Small Meter	1	252	0	1	0	114	0	0	0	0	0	0	253	115	0	0	368
TOTAL	17	252	0	19	0	114	18	0	0	20	0	0	269	133	18	20	440

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.
- Drain N. Union St Tank for painting and test temporary booster station.

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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 December with a total of 876 calls received. Call volume has remained high through December due to an increased number of customers making payments over the phone. All calls received by answering service or that were placed to the answering service after office hours were responded to. The JV submitted an application for the State's Low Income Housing Water Assistance Program (LIHWAP) in January 2022. The application was accepted and twenty-five customers were able to utilize the program before the LIHWAP program ended on October 28, 2022, due to lack of federal funding. The LIHWAP program was reopened on July 10, 2023 and concluded on August 18, 2023. Nineteen customers were able to utilize the program while it was open in 2023.

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

The release of bill files for printing and mailing this month occurred in 2 day with bills for services provided in December being mailed to customers on December 30th, 2024. The average gross monthly collection rate for December was 82.73% and 103.08% for the last 12 month rolling average.

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

The number of Field Service Requests in December was 64.

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 454 who have enrolled in the Auto Pay program.

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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	4	4	3	3	8	19	6	75	101	123
Bill Inquiry	87	89	99	83	73	137	63	75	76	96	68	12	958	1206	1448
Finals	9	9	16	10	14	23	17	14	19	17	11	16	175	163	242
New Account	6	6	7	6	3	8	5	7	6	7	6	8	75	92	118
Meter Reading/Re-Reads	0	0	0	0	0	0	0	0	0	2	0	0	2	17	13
Payments	421	601	610	598	611	626	625	646	668	669	677	643	7395	7140	6901
Collection Letter	13	38	40	39	22	36	42	43	31	45	47	53	449	623	735
Rates	0	6	0	0	1	0	0	0	0	0	0	0	7	15	9
Complaints	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Sewer	0	0	0	0	0	0	0	1	1	0	0	1	3	3	6
Leaks	0	2	0	1	0	1	0	0	0	0	1	2	7	27	15
No/Low Water Pressure	0	1	0	1	0	0	0	0	0	0	0	0	2	5	8
Copy Of Bill	4	3	0	3	2	2	3	3	4	2	2	12	40	36	101
Correct. Bills	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
Mtr Change Out	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Customer Correspondance	59	74	60	37	55	82	41	91	40	62	65	52	718	653	763
Discolored/Water Quality	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1
Calls Referred to SUEZ Hbg	16	21	33	26	27	34	20	21	31	26	20	23	298	306	414
Calls from City / Other Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compliments	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
2024 TOTALS	620	854	871	809	817	953	820	905	879	934	916	828	10206		
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.

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

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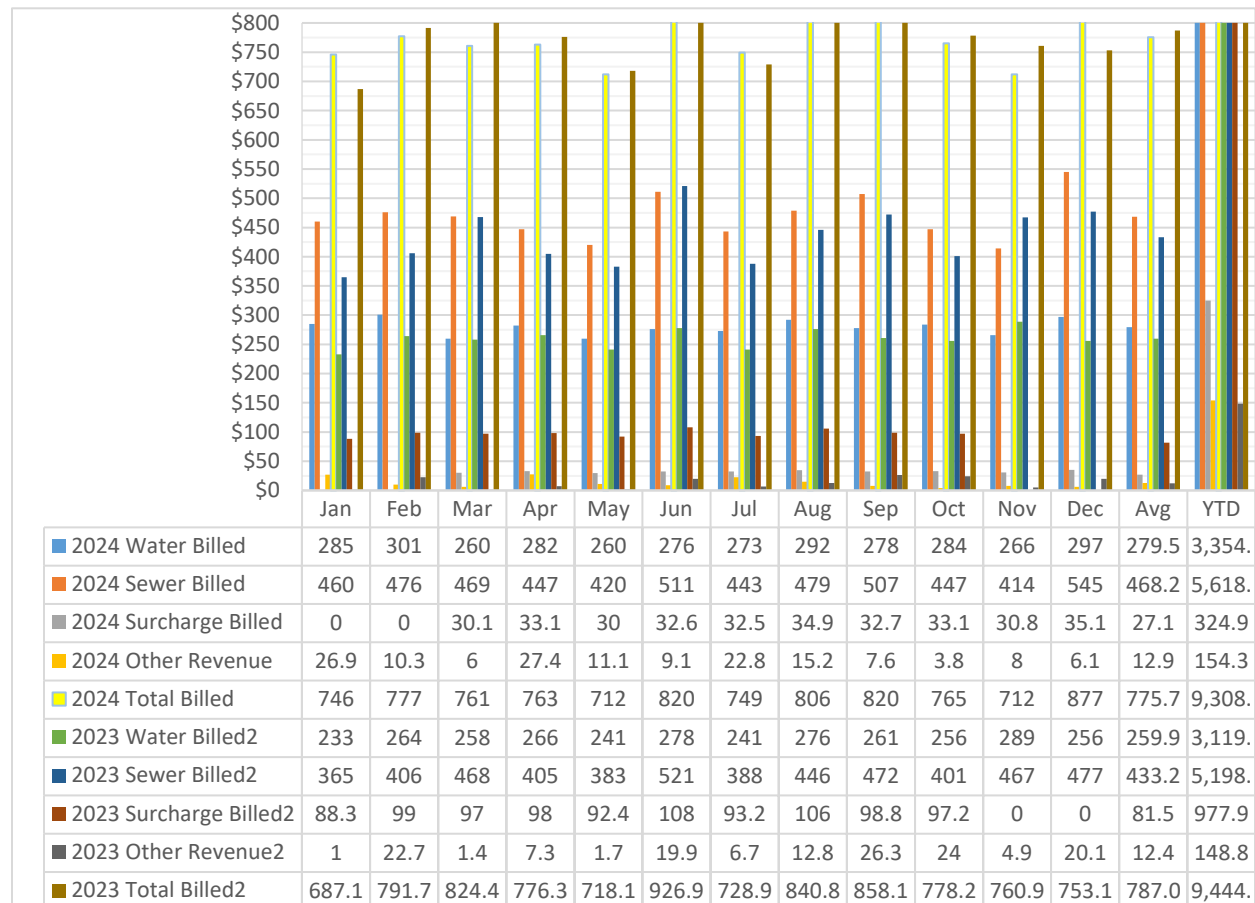


Customer Service: Billing

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

Dollars Billed - Water and Sewer (dollars X1000)

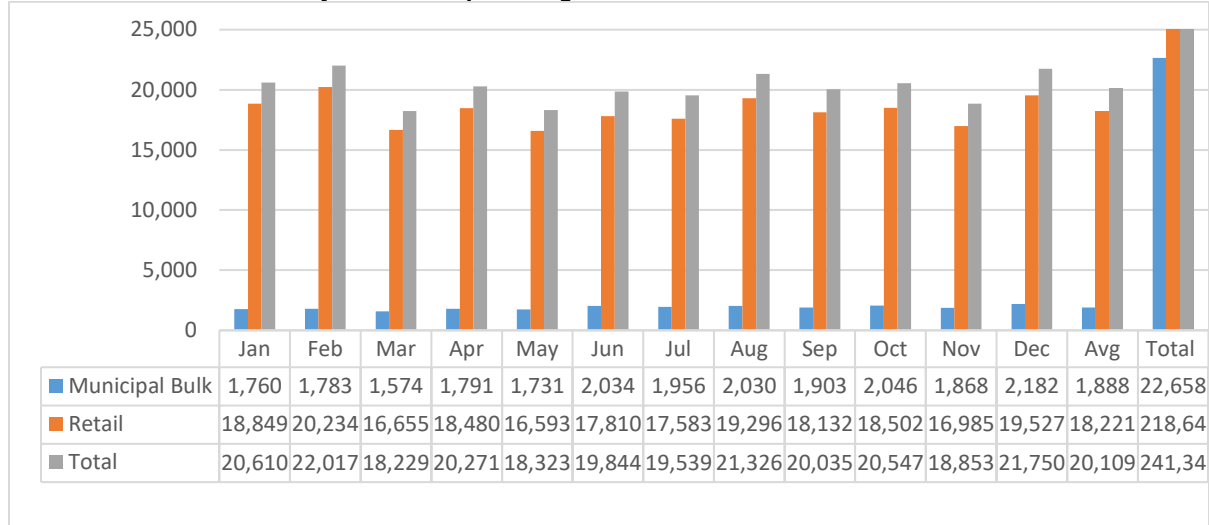


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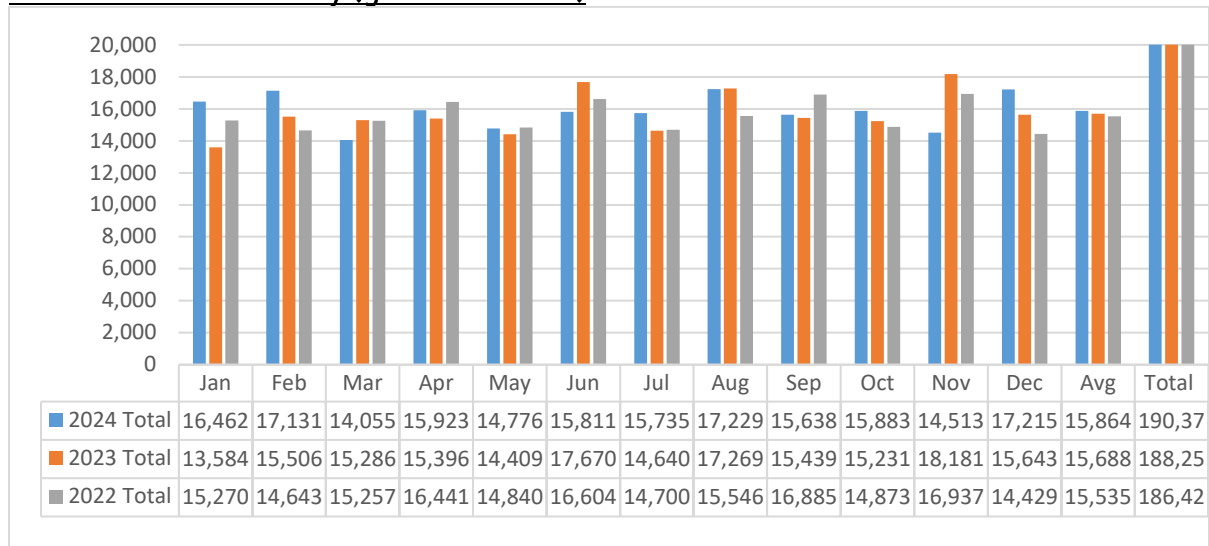
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Water Sales - Monthly Consumption (gallons X 1000)



Sewer Sales – Monthly (gallons X 1000)



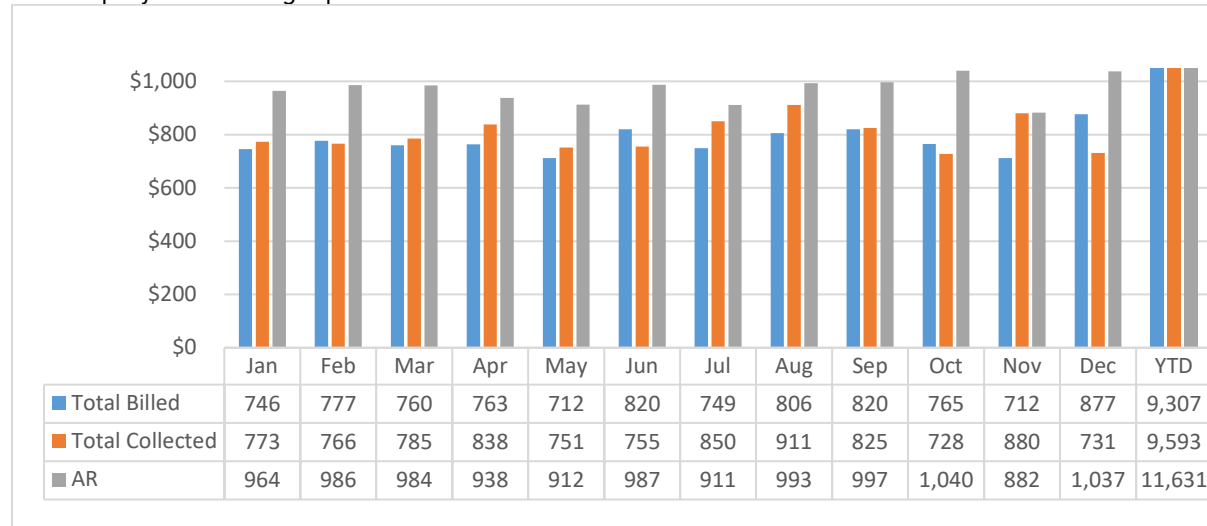
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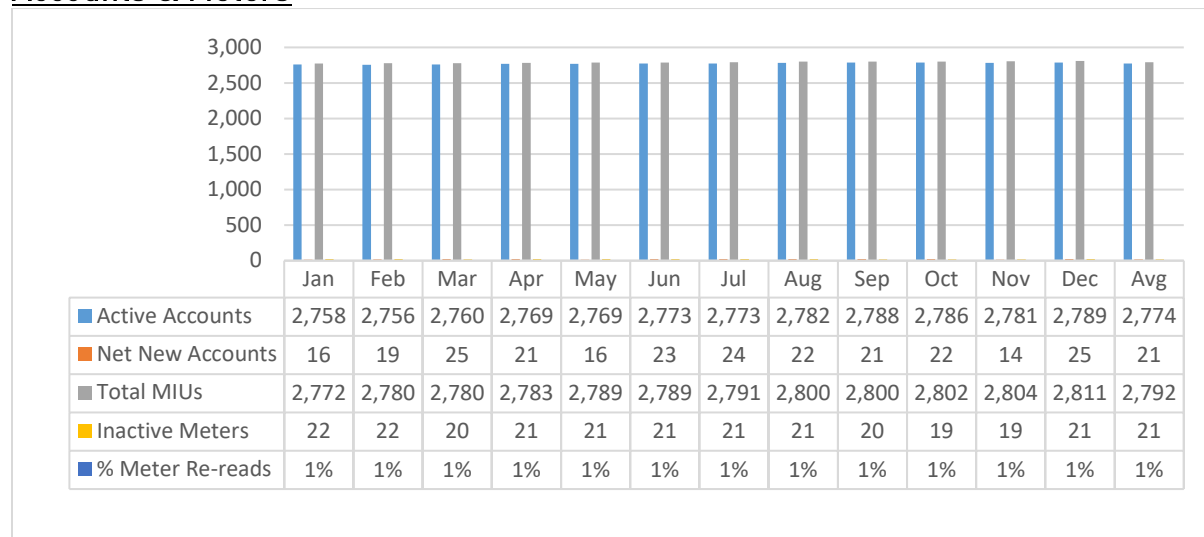


Collections (dollars X 1000)

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



Accounts & Meters

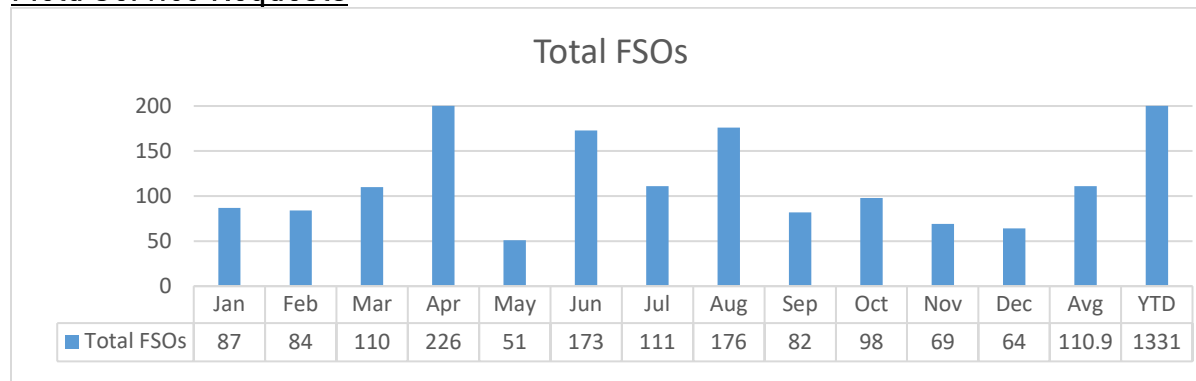


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Field Service Requests



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	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1
2024 Total	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1

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	0	0	0	0	0	0	0
Discolored	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boil Water Notices	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
2024	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1

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

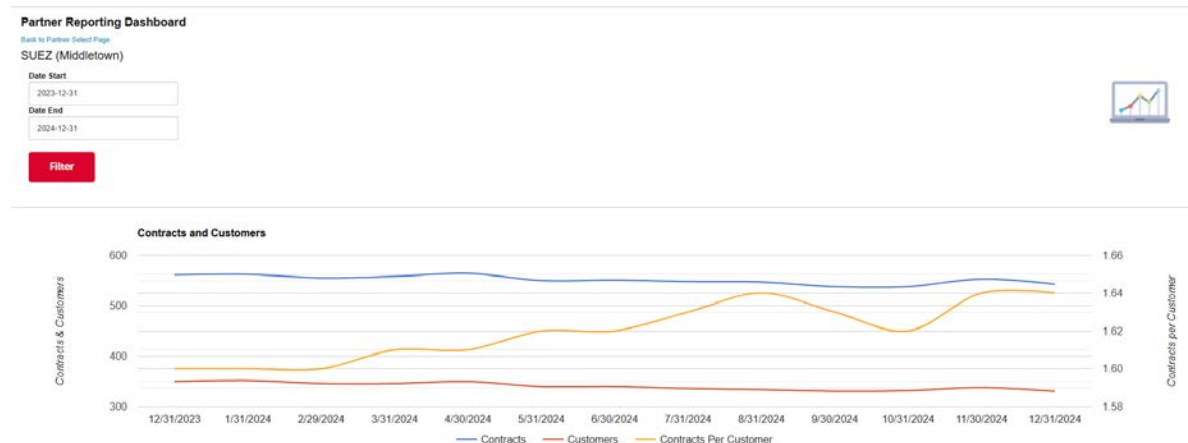
Call Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	YTD
Back-up / Blockage	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	2
Odor	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	0	2
2024 TOTAL	0	0	0	0	0	0	0	1	2	0	0	1	2	0	3	1	4
2023 TOTAL	0	1	0	0	0	0	0	1	2	0	0	0	2	0	3	0	4

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

December 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 2025.



MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT



December 2024

Water Sales Test Period

Water Sales Test Period No. 4 1/1/2024 to 12/31/2026	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	
														Total	Avg
Total consumption for the month (gallons)	2024	20,610,500	22,016,900	18,229,900	20,271,100	18,323,200	19,844,100	19,538,500	21,325,800	20,035,300	20,548,000	18,853,300	21,750,200	241,346,800	20,112,233
	2025													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	17,810,100	17,582,900	19,295,500	18,132,400	18,501,900	16,985,000	19,567,500	218,687,500	18,223,958
	2025													0	0
	2026													0	0
Retail Sales - Average Daily (gallons per day)	2024	608,055	697,738	537,274	616,003	535,242	593,670	567,190	622,435	604,413	596,835	566,167	631,210	7,176,234	598,019
	2025													0	0
	2026													0	0
Avg retail water sales (gal)		608,055	697,738	537,274	616,003	535,242	593,670	567,190	622,435	604,413	596,835	566,167	631,210	2,392,078	199,340
Bulk Municipal Sales - Total month (gallons)	2024	1,760,800	1,782,500	1,574,400	1,791,000	1,730,700	2,034,000	1,955,600	2,030,300	1,902,900	2,046,100	1,868,300	2,182,700	22,659,300	1,888,275
	2025													0	0
	2026													0	0
Bulk Municipal - Average Daily (gallons per day)	2024	56,800	61,466	50,787	59,700	55,829	67,800	63,084	65,494	63,430	66,003	62,277	70,410	743,079	61,923
	2025													0	0
	2026													0	0
Avg Bulk Customer sales (gal)		56,800	61,466	50,787	59,700	55,829	67,800	63,084	65,494	63,430	66,003	62,277	70,410	247,693	20,641
Contract Daily Bulk Water Sales Upper Limit (gal/day) = 62,970															
Bulk Sales Surplus (gal/day) = No Surplus															
Sum of Actual Average daily volume of Metered water sales to Retail Water Customers over Test period + Bulk Sales Surplus (gal/day) = 199,340															
Contract Daily Water Sales Upper Limit (gal/day) = 639,340															

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.
- **Wastewater SCADA Upgrade Project:** The project will encompass an upgrade to both the hardware and software components of the current Wastewater SCADA system.
- **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

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

December 2024



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.

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.



MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

December 2024



The next project completed was the “2018/2021 Underground Infrastructure Upgrades” which involved 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 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. Wexcon was awarded the project and HRG reviewed and approved the submittals. Substantial completion occurred in late 2023. Paving and grass restorations were completed in early 2024. A subset of customers were required to install pressure reducing valves in their homes due to the increase in pressure resulting from connecting the high and low pressure zones for the 2018/2021 Underground Infrastructure Upgrades. This project increased the pressure in areas that historically experienced low pressure. The connection of high and low pressure zones occurred in July 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 Q1 of 2025. Onsite meetings have been held with IK Stoltzfus and AT&T to discuss planning and removal of the existing cables. A cable corral has to be installed by AT&T prior to the tank blasting and was in January 2025. A temporary booster pump station was also installed to ensure adequate water flow to the high pressure zone prior to the N. Union Street tank being drained in December 2024. Restoration is set to begin in Q1 2025 with the anticipation of completion set for late Q2 2025.

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

December 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

December 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.

MIDDLETOWN WATER & WASTEWATER OPERATIONS REPORT

December 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	1	0	1	0	0	0	0
Concessionaire Notifications	0	0	0	0	0	0	1	0	0	0	0	0	0
Incident Email Notifications	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental Incidents –Hotline notifications	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental Incidents –Hotline notifications/chemical spills	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-compliance – violations	0	0	0	0	0	0	0	0	0	0	0	0	0
Reporting non-compliance	0	0	0	0	0	0	0	0	0	0	0	0	0
Safety related incidents – OSHA lost time	0	0	0	0	0	0	0	0	0	0	0	0	0
Total days lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Safety related incidents – Preventable	0	1	0	0	0	0	0	0	0	0	0	0	1
Safety related – Near Miss	0	0	0	0	0	0	0	0	0	0	0	0	0
Employee lost-time – not job-related – total as sick hours	141.5	87.5	27.5	62	45	27.5	25.25	36	19	2	16	25.5	489.25
									On Target	Caution	Meets/Exceeds Target		

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.

A water main break occurred in July which resulted in a boil water advisory being issues. PA DEP, the concessionaire and the Borough were all notified of the situation.

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



January 31, 2025

Mr. Kenneth Klinepeter
Borough of Middletown
kklinepeter@middletownborough.com

Mr. Dan Sugarman
Water Capital Partners LLC
dan.sugarman@wcpartnersllc.com

Mr. John Joyner
Water Capital Partners LLC
john.joyner@wcpartnersllc.com

Mr. Don Correll
Water Capital Partners LLC
don.correll@wcpartnersllc.com

RE: Laboratory Supervisor Certification – December 2024

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

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

A handwritten signature in black ink that reads 'Jason Kiernan' in a cursive script.

Jason Kiernan
Vice President
Veolia Middletown

Veolia MIDDLETOWN
453 South Lawrence Street

Middletown, PA 17057
717-948-3055



January 31, 2025

Mr. Kenneth Klinepeter
Borough of Middletown
kklinepeter@middletownborough.com

Mr. Dan Sugarman
Water Capital Partners LLC
dan.sugarman@wcpartnersllc.com

Mr. John Joyner
Water Capital Partners LLC
john.joyner@wcpartnersllc.com

Mr. Don Correll
Water Capital Partners LLC
don.correll@wcpartnersllc.com

RE: Environmental Laws Certification- December 2024

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

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

A handwritten signature in black ink that reads 'Jason Kiernan' in a cursive script.

Jason Kiernan
Vice President
Veolia Middletown

MIDDLETOWN MONTHLY REPORT

APPENDIX 1 WASTEWATER

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

&

SMARTCOVER® MONITORING SYSTEM REPORT



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

Your eDMR Report Has Been Received For Permit No. PA0020664

depgreenporthelpdesk@state.pa.us <depgreenporthelpdesk@state.pa.us>

24 January 2025 at 15:29

To: micah.ammerman@veolia.com, kodi.webb@veolia.com, Micah.Ammerman@veolia.com

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

Facility Name: MIDDLETOWN STP

Permit Number: PA0020664

Report Frequency: Monthly

Report Type: DMR

Reporting Period: 12/01/2024-12/31/2024

Report Due Date: 01/28/2025

Submitted By: Micah Ammerman

Submission Id: 503016

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

Reporting Frequency: Monthly

DMR Effective From: 12/01/2024

DMR Effective To: 12/31/2024

Permit Expires: 02/28/2026

Permit Application Due: 09/01/2025

No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	12	01	TO	2024	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	***	***	***	8.04	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***		5.0 Daily Min	***	***		1/day	Grab
pH (00400)	Sample Measurement	***	***	***	7.4	***	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	< 14	< 19	lbs/day	***	< 2.0	< 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	***	***	***	***	< 9.36	***	mg/L	1/month	Calculation
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		1/month	Calculation
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	< 2.64	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Total Kjeldahl Nitrogen (00625)	Sample Measurement	***	***	***	***	< 3.43	***	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	***	***	***	***	< 5.93	***	mg/L	2/week	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	***		2/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	3	***	lbs/day	***	.31	***	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	1.046	2.539	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	.4	.98	mg/L	1/day	Grab
	Permit Requirement	***	***		***	.5 Avg Mo	1.6 IMAX		1/day	Grab
Total Nitrogen (Total Load, lbs) (51445)	Sample Measurement	< 2326.2	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Ammonia-Nitrogen (Total Load, lbs) (51446)	Sample Measurement	< 679.2	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Kjeldahl Nitrogen (Total Load, lbs) (51449)	Sample Measurement	< 883.8	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Nitrate-Nitrite as N (Total Load, lbs) (51450)	Sample Measurement	< 1442.4	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Phosphorus (Total Load, lbs) (51451)	Sample Measurement	79.4	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Fecal Coliform (74055) (Oct-Apr)	Sample Measurement	***	***	***	***	< 10	460	No./100 ml	2/week	Grab
	Permit Requirement	***	***		***	2000 Geo Mean	10000 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	< 18	< 23	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: 12/01/2024
DMR Effective To: 12/31/2024
Permit Expires: 02/28/2026
Permit Application Due: 09/01/2025
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	12	01	TO	2024	12	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	< 2326.2	***	lbs	***	***	***	***	1/month	Calculation
	Permit Requirement	Monitor & Report Total Mo	***		***	***	***		1/month	Calculation
Total Phosphorus (Total Load, lbs) (51451)	Sample Measurement	79.4	***	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	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 12/01/2024
DMR Effective To: 12/31/2024
Permit Expires: 02/28/2026
Permit Application Due: 09/01/2025
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	12	01	TO	2024	12	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	1355	1705	lbs/day	***	169	***	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	811	1522	lbs/day	***	100	***	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
12-24 Biosolids Final.xls	Sewage Sludge / Biosolids Production and Disposal Form	2025-01-20T15:07:18-05:00	
12-24 Effluent Supplemental Final.xlsx	Daily Effluent Monitoring Form	2025-01-20T15:08:49-05:00	
12-24 Influent Final.xls	Influent and Process Control Form	2025-01-20T15:09:32-05:00	
Annual_Chesapeake_Bay_Spreadsheet_v2.2.xlsm	Annual Chesapeake Bay Spreadsheet	2025-01-24T09:28:39-05:00	

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
	Micah Ammerman	S21860	(717)-216-3213

SUBMISSION INFORMATION

*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Micah Ammerman	TELEPHONE		DATE		
		(717)	696-8121	2025	01	24
	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: December 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	0.908							18,000.0		
2	0.952	197.0	1,564	112.0	889	5,479.0		18,000.0		
3	0.908	140.0	1,060	68.0	515	5,625.0		13,000.0		
4	0.968					5,599.0		14,000.0		
5	0.876					5,598.0		15,000.0		
6	0.864					5,476.0		15,000.0		
7	0.854							15,000.0		
8	0.881							15,000.0		
9	1.005	187.0	1,567	74.0	620	5,877.0		20,000.0		
10	0.972	136.0	1,102	56.0	454	5,516.0		20,000.0		
11	2.539					6,642.0		33,000.0		
12	1.344					3,598.0		25,000.0		
13	1.068					3,455.0		20,000.0		
14	1.000							15,000.0		
15	1.106							15,000.0		
16	1.230	138.0	1,416	70.0	718	3,695.0		18,000.0		
17	1.077	119.0	1,069	88.0	790	3,917.0		22,000.0		
18	1.119					4,032.0		20,000.0		
19	1.035					3,957.0		20,000.0		
20	1.055					3,749.0		20,000.0		
21	0.954							15,000.0		
22	0.901							15,000.0		
23	0.917	223.0	1,705	156.0	1,193	4,010.0		15,000.0		
24	0.947					4,080.0		15,000.0		
25	0.775	231.0	1,493	92.0	595			15,000.0		
26	1.070					4,206.0		15,000.0		
27	0.705					4,124.0		15,000.0		
28	1.222							15,000.0		
29	1.169							15,000.0		
30	0.981	149.0	1,219	186.0	1,522	4,161.0		15,000.0		
31	1.029					4,167.0		20,000.0		
Avg	1.046	169	1,355	100	811	4,617		17,452		
Max	2.539	231	1,705	186	1,522	6,642		33,000		

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: Micah Ammerman
Title: Assistant Project Manager

License No.: 23501
Date: 1/20/2025

[illegible]

11/14/24	0.859																			
11/15/24	0.81																			
11/16/24	0.78																			
11/17/24	0.85																			
11/18/24	1.545																			
11/19/24	0.918	0.26	2.0	0.03	0.2	0.86	6.6	6.16	47.2	7.02	53.7									
11/20/24	1.115	0.09	0.8	0.08	0.7	0.74	6.9	< 4.88	< 45.4	< 5.62	< 52.3									
11/21/24	0.967																			
11/22/24	1.058																			
11/23/24	0.849																			
11/24/24	0.841																			
11/25/24	0.849	0.1	0.7	0.05	0.4	< 0.5	< 3.5	< 13.4	< 94.9	< 13.90	< 98.4									
11/26/24	0.856	0.08	0.6	0.05	0.4	< 0.5	< 3.6	< 13.4	< 95.7	< 13.90	< 99.2									
11/27/24	1.059																			
11/28/24	1.221																			
11/29/24	0.844																			
11/30/24	0.846																			
12/1/24	0.908																			
12/2/24	0.952	0.1	0.8	0.02	0.2	< 0.5	< 4.0	< 17.3	< 137.4	< 17.80	< 141.3									
12/3/24	0.908	0.09	0.7	< 0.02	< 0.2	< 0.5	< 3.8	< 18.1	< 137.1	< 18.60	< 140.9									
12/4/24	0.968																			
12/5/24	0.876																			
12/6/24	0.864																			
12/7/24	0.854																			
12/8/24	0.881																			
12/9/24	1.005	1.83	15.3	17.8	149.2	19.7	165.1	< 1.75	< 14.7	< 21.45	< 179.8									
12/10/24	0.972	0.13	1.1	5.65	45.8	7.21	58.4	3.38	27.4	10.59	85.8									
12/11/24	2.539																			
12/12/24	1.344																			
12/13/24	1.068																			
12/14/24	1																			
12/15/24	1.106																			
12/16/24	1.23	0.18	1.8	< 0.02	< 0.2	0.88	9.0	< 1.99	< 20.4	< 2.87	< 29.4									
12/17/24	1.077	0.13	1.2	0.06	0.5	< 0.5	< 4.5	< 1.97	< 17.7	< 2.47	< 22.2									
12/18/24	1.119																			
12/19/24	1.035																			
12/20/24	1.055																			
12/21/24	0.954																			
12/22/24	0.901																			
12/23/24	0.917	0.1	0.8	0.06	0.5	0.58	4.4	< 1.66	< 12.7	< 2.24	< 17.1									
12/24/24	0.947																			
12/25/24	0.775	0.09	0.6	0.03	0.2	< 0.5	< 3.2	< 4.57	< 29.5	< 5.07	< 32.8									
12/26/24	1.07																			
12/27/24	0.705																			
12/28/24	1.222																			
12/29/24	1.169																			
12/30/24	0.981	0.1	0.8	0.06	0.5	< 0.5	< 4.1	< 2.68	< 21.9	< 3.18	< 26.0									
12/31/24	1.029																			
1/1/25																				
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9/30/25																					
Avg	0.953		0.2		1.6	<	1.74	<	13.4	<	2.54	<	19.9	<	4.47	<	35	<	7.01	<	54.9
Annual Total Mass Loads (lbs):					595			<	4889			<	7270			<	12761			<	20030

P Credits Generated: 785

No N Credits Generated

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

Prepared By: Micah Ammerman
 Title: Assistant Project Manager

License No.: 23501
 Date: 1/20/2025

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	28.9	< 85.5	< 303.9	< 552.8	< 856.6
November	43.8	< 513.3	< 686.8	< 1300.7	< 1987.5

December	79.4	< 679.2	< 883.8	< 1442.4	< 2326.2
January					
February					
March					
April					
May					
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	0.11	< 0.32	< 1.13	< 2.04	< 3.16
November	0.2	< 2.51	< 3.31	< 5.88	< 9.18
December	0.31	< 2.64	< 3.43	< 5.93	< 9.36
January					
February					
March					
April					
May					
June					
July					
August					
September					



SUPPLEMENTAL REPORT
SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

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

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

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

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

TOTAL:

TOTAL: 11.238

TOTAL:

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

Site Name	Marvin Weaver Cedar Rd Farm			
Municipality	Conewago Township			
County	Dauphin			
DEP Permit No.	PAG07-3504			
Type of Material*	Biosolids			
Dry Tons Applied/Disposed	11.24			
Type of Disposal/Use*	Agricultural Utilization			
Hauler Name	BORO. MIDDLETOWN			

* See Instructions for explanation.

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

License No.: 23501
Date: January 20, 2025

VEOLIA Middletown WWTP

December, 2024

DATE	EFF	M.J. Reider Composite Sample Test Results																				
	FLOW	BOD		CBOD		%Remov	SUSPENDED SOLIDS				%Remov	TP		FEC.	NH3		NO2-NO3		TKN		TN	
	MGD	INFLUENT		EFFLUENT			INFLUENT		EFFLUENT			EFFLUENT	COLIF.	EFFLUENT		EFFLUENT		EFFLUENT		EFFLUENT		
		mg/L	LBS.	mg/L	LBS.		mg/L	LBS.	mg/L	LBS.		mg/L	LBS.	/100ml	mg/L	LBS.	mg/L	LBS.	mg/L	LBS.	mg/L	LBS.
01	0.908																					
02	0.952	197	1,564	<2.0	<15.88	99.0	112	889	<1.0	7.94	99.1	0.10	0.79		0.02	0.16	<17.3	<137.36	<0.5	<3.97	<17.80	<141.3
03	0.908	140	1,060	<2.0	<15.15	98.6	68	515	3.0	22.72	95.6	0.09	0.68	<2	<0.02	<0.15	<18.6	<140.85	<0.5	<3.79	<19.10	<144.6
04	0.968													<2								
05	0.876																					
06	0.864																					
07	0.854																					
08	0.881																					
09	1.005	187	1,567	3.6	30.17	98.1	74	620	<1.0	8.38	98.6	1.83	15.34		17.80	149.20	<1.8	<14.67	19.7	165.12	<21.45	<179.8
10	0.972	136	1,103	<2.0	<16.21	98.5	56	454	3.0	24.32	94.6	0.13	1.05	<2	5.65	45.81	3.4	27.40	7.2	58.45	10.59	85.9
11	2.539													<2								
12	1.344																					
13	1.068																					
14	1.000																					
15	1.106																					
16	1.230	138	1,416	2.3	23.60	98.3	70	718	<1.0	10.26	98.6	0.18	1.85		<0.02	<0.21	<2.0	<20.42	0.9	9.03	<2.87	<29.5
17	1.077	119	1,069	<2.0	<17.97	98.3	88	791	3.0	26.95	96.6	0.13	1.17	460	0.06	0.54	<2.0	<17.70	<0.5	<4.49	<2.47	<22.2
18	1.119													5								
19	1.035																					
20	1.055																					
21	0.954																					
22	0.901																					
23	0.917	223	1,706	<2.0	<15.30	99.1	156	1,194	<1.0	7.65	99.4	0.10	0.77		0.06	0.46	<1.7	<12.70	0.6	4.44	<2.24	<17.1
24	0.947													16								
25	0.775	231	1,494	<2.0	<12.93	99.1	92	595	<1.0	6.47	98.9	0.09	0.58		0.03	0.19	<4.6	<29.56	<0.5	<3.23	<5.07	<32.8
26	1.070													39								
27	0.705																					
28	1.222																					
29	1.169																					
30	0.981	149	1,219	<2.0	<16.36	98.7	186	1,522	<1.0	8.18	99.5	0.10	0.82		0.06	0.49	<2.7	<21.93	<0.5	<4.09	<3.18	<26.0
31	1.029													28								

REVISED 9/18/15 M

VEOLIA Middletown WWTP
Daily Effluent Grab Monitoring / Weather

December

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	AB	1140	1140	7.40	7.50	-1.34	8.73	8.78	-0.57	0.34	.34	.00	17.6		
02	MB	11.06	11.06	7.50	7.50	0.00	8.84	8.86	-0.23	0.32	.31	3.17	17.2	533.00	
03	MB	0915	0915	7.50	7.50	0.00	9.07	9.11	-0.44	0.36	.36	.00	17.1	602.00	
04	MB	0942	0942	7.60	7.60	0.00	9.02	9.08	-0.66	0.32	.32	.00	16.3	607.00	
05	MB	1107	1107	7.40	7.50	-1.34	8.54	8.57	-0.35	0.49	.48	2.06	16.7	542.00	
06	MB	1046	1046	7.50	7.50	0.00	8.74	8.82	-0.91	0.28	.29	-3.51	15.8	746.00	
07	TH	1058	1058	7.60	7.70	-1.31	8.69	8.64	0.58	0.95	1.01	-6.12	16.2		
08	AB	1115	1115	7.60	7.60	0.00	8.76	8.72	0.46	0.98	.98	.00	15.7		
09	MB	0821	0821	7.70	7.70	0.00	8.45	8.47	-0.24	0.79	.73	7.89	17.3	609.00	
10	MB	0936	0936	7.70	7.60	1.31	8.58	8.59	-0.12	0.72	.74	-2.74	17.9	602.00	
11	MB	1046	1046	7.40	7.40	0.00	8.04	8.09	-0.62	0.45	.43	4.55	18.8	561.00	
12	MB	1116	1116	7.40	7.50	-1.34	9.32	9.26	0.65	0.74	.76	-2.67	15.4	348.00	
13	MB	1103	1103	7.40	7.50	-1.34	9.79	9.83	-0.41	0.32	.34	-6.06	14.7	213.00	
14	CK	1110	1110	7.50	7.40	1.34	9.77	9.72	0.51	0.36	.37	-2.74	14.9		
15	MB	1343	1343	7.80	7.70	1.29	9.75	9.73	0.21	0.31	.32	-3.17	14.8		
16	MB	1019	1019	7.50	7.60	-1.32	9.57	9.54	0.31	0.29	.30	-3.39	14.9	648.00	
17	MB	0958	0958	7.60	7.60	0.00	9.40	9.35	0.53	0.28	.26	7.41	16.2	361.00	
18	MB	1006	1006	7.60	7.60	0.00	9.29	9.34	-0.54	0.34	.32	6.06	16.3	411.00	
19	AB	0950	0950	7.50	7.50	0.00	9.04	9.12	-0.88	0.32	.30	6.45	17.0	348.00	
20	MB	1138	1138	7.60	7.70	-1.31	8.81	9.01	-2.24	0.36	.34	5.71	17.1	318.00	
21	CH	0712	0712	7.60	7.60	0.00	8.90	8.90	0.00	0.27	.25	7.69	14.8		
22	CK	1005	1005	7.70	7.70	0.00	9.46	9.48	-0.21	0.26	.24	8.00	13.4		
23	MB	1042	1042	7.70	7.80	-1.29	9.28	9.27	0.11	0.28	.26	7.41	14.7	641.00	
24	MB	0857	0857	7.70	7.70	0.00	9.61	9.69	-0.83	0.27	.28	-3.64	14.3	651.00	
25	AB	0800	0800	7.70	7.60	1.31	9.57	9.60	-0.31	0.28	.27	3.64	14.1		
26	MB	0942	0942	7.60	7.60	0.00	9.35	9.41	-0.64	0.24	.22	8.70	15.5	626.00	
27	MB	1148	1148	7.50	7.60	-1.32	9.83	9.80	0.31	0.25	.23	8.33	15.3	449.00	
28	MB	0651	0651	7.60	7.60	0.00	9.56	9.55	0.10	0.33	.32	3.08	14.7		
29	CH	0659	0659	7.50	7.60	-1.32	9.60	9.60	0.00	0.28	.28	.00	14.7		
30	MB	1019	1019	7.50	7.60	-1.32	9.39	9.44	-0.53	0.21	.24	-13.33	16.6	632.00	
31	MB	0816	0816	7.80	7.70	1.29	9.64	9.63	0.10	0.24	.25	-4.08	15.2	586.00	

VEOLIA Middletown WWTP

Process Control

December

2024

DAY	DITCH				RAS	WASTE			RR	F/M	SETTLING TEST			BLANKETS	
	TS		VS		TS	Gallons	Lbs	SRT			MINUTES	SVI	C1 AM	C2 AM	
	mg/L	lbs	mg/L	%	mg/L			Days							
								5							30
01						18,000									
02	5,479	33,357	3,754	68.5	11,699	18,000	1,756	13.01	5.21		950	650	119		
03	5,625	34,245	3,579	63.6	9,933	13,000	1,077	20.23	5.35		950	680	121		33
04	5,599	34,086	3,732	66.7	9,522	14,000	1,112	20.44	4.40		960	700	125		36
05	5,598	34,085	3,583	64.0	12,114	15,000	1,515	14.39	4.50		950	670	120		40
06	5,476	33,338	3,616	66.0	11,395	15,000	1,426	15.44	4.50		950	690	126		28
07						15,000									
08						15,000									
09	5,877	35,778	4,016	68.3	10,614	20,000	1,770	13.81	11.98		980	790	134		36
10	5,516	33,585	3,678	66.7	11,659	20,000	1,945	11.51	11.40		980	810	147		48
11	6,642	40,439	4,695	70.7	13,108	33,000	3,608	10.46	5.47						48
12	3,598	43,817	2,367	65.8	6,906	25,000	1,440	14.30	4.97		680	370	103		20
13	3,455	42,064	2,111	61.1	8,665	20,000	1,445	17.79	5.12		740	360	104		24
14						15,000									
15						15,000									
16	3,695	44,994	2,402	65.0	9,752	18,000	1,464	19.98	5.55		710	360	97		24
17	3,917	47,699	2,546	65.0	8,209	22,000	1,506	20.58	4.48		780	390	100		27
18	4,032	49,093	2,585	64.1	8,844	20,000	1,475	21.33	7.87		780	380	94		15
19	3,957	48,183	2,603	65.8	7,658	20,000	1,277	24.82	5.25		750	350	88		12
20	3,749	45,651	2,432	64.9	7,774	20,000	1,297	30.45	5.33		710	350	93		24
21						15,000									26
22						15,000									22
23	4,010	48,833	2,507	62.5	7,715	15,000	965	31.62	3.02		840	410	102		24
24	4,080	49,685	2,657	65.1	8,588	15,000	1,074	60.11	3.66		770	400	98		24
25						15,000									24
26	4,206	51,215	2,485	59.1	5,663	15,000	708	32.04	5.07		820	440	105		30
27	4,124	50,217	2,578	62.5	8,830	15,000	1,105	28.41	4.05		850	410	99		30
28						15,000									
29						15,000									
30	4,161	50,666	2,497	60.0	6,281	15,000	786	38.69	4.59		840	420	101		24
31	4,167	50,739	2,500	60.0	7,037	20,000	1,174	25.93	5.18		840	430	103		24
AVG	4,617	42,941	2,996	64.5	9,141	17,452	1,425	23.1	5.57		842	503	109		28

PA MIDDLETOWN WWTP

THICKENER MONTHLY REPORT

December

2024

DATE	RUN	FEED SLUDGE			DISCHARGE SLUDGE			POLYMER
	TIME	GALLONS	% SOLIDS	LBS.	GALLONS	% SOLIDS	LBS.	GALLONS
01								
02	5.00	47,312	1.19	4,696	10,098	3.24	2,729	9
03	1.25	12,561	1.04	1,089	5,049	4.95	2,084	3
04								
05	1.50	10,883	0.99	899	3,366	4.90	1,376	10
06								
07								
08								
09								
10	2.00	11,352	1.10	1,041	5,049	4.60	1,937	2
11								
12	5.75	31,713	1.26	3,333	5,049	5.43	2,287	13
13	2.50	22,178	1.24	2,294	3,366	5.60	1,572	5
14								
15								
16	3.25	18,503	1.00	1,543	3,366	4.76	1,336	6
17	3.75	33,008	0.96	2,643	3,366	5.94	1,668	8
18	3.25	31,442	0.99	2,596	5,049	6.24	2,628	10
19	5.00	48,166	0.92	3,696	5,049	5.58	2,350	12
20								
21								
22								
23	2.50	28,433	0.94	2,229	5,049	5.54	2,333	8
24	5.00	43,173	0.83	2,989	3,366	6.06	1,701	11
25								
26	5.50	34,447	0.89	2,557	3,366	5.25	1,474	11
27								
28								
29								
30	6.00	51,461	0.85	3,648	5,049	6.10	2,569	19
31	5.75	48,104	0.83	3,330	5,049	5.96	2,510	12
TOTAL	58	472,736	15.03	38,583	70,686	80.15	30,554	139

REVISED 7/17/14

Veolia Middletown WWTP

December

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	Time				Time	Temp.	
° F	Gals.	mg/L	mg/L	%	Ft	Ft	Ft	Lbs.	Lbs.	°F	24 HR	Hours	Date/Time	° F						
12/01/24	AB						9.7	8.6	8.6								12/1/24	11:15	129.0	20,542
12/02/24	AB	122.9	47,312	49,756	36,860	74.1	8.6	9.2	9.2	10,098	4,190	3,104	124.5	12:30	76.8	12/5/24 17:17				
12/03/24	AB	122.2	12,561	49,472	36,672	74.1	9.3	9.6	9.6	5,049	2,083	1,544	124.5	11:00	76.8	12/6/24 15:47				
12/04/24																				
12/05/24	TH/AB	122.5	10,883	48,970	35,698	72.9	9.6	9.8	9.8	3,366	1,375	1,002	124.5	9:00	76.8	12/8/24 13:47				
12/06/24																				
12/07/24																				
12/08/24																				
12/09/24	AB						9.8	8.6	8.6								12/9/24	7:45	124.6	20,774
12/10/24	TH/AB	122.3	11,352	46,016	33,551	72.9	8.6	8.9	8.9	5,049	1,938	1,413	125.1	9:15	69.0	12/13/24 6:13				
12/11/24																				
12/12/24	AB	121.1	31,713	54,330	40,771	75.0	8.7	9.0	9.0	5,049	2,288	1,717	125.1	13:00	69.0	12/15/24 9:58				
12/13/24	AB	121.0	22,179				9.0	9.2	9.2	3,366			125.1	10:00	69.0	12/16/24 6:58				
12/14/24																				
12/15/24																				
12/16/24	AB	122.2	18,503	57,583	41,813	72.6	9.2	9.4	9.4	3,366	1,616	1,174	125.1	10:15	69.0	12/19/24 7:13				
12/17/24	AB	121.5	33,008	59,368	43,530	73.3	9.4	9.6	9.6	2,643	1,309	960	125.1	11:00	69.0	12/20/24 7:58				
12/18/24	AB	121.1	31,442	62,439	46,320	74.2	9.6	9.9	9.9	5,049	2,629	1,950	125.1	11:15	69.0	12/21/24 8:13				
12/19/24	AB	122.0	48,166	55,755	41,191	73.9	9.9	10.2	10.2	3,696	1,719	1,270	125.1	12:15	69.0	12/22/24 9:13				
12/20/24																				
12/21/24																				
12/22/24																				
12/23/24	AB	123.2	28,433	55,389	40,599	73.3	8.5	8.8	8.8	5,049	2,332	1,710	125.1	14:00	69.0	12/26/24 10:58	12/23/24	7:30	125.1	26,119
12/24/24	AB	122.0	43,173	60,637	44,377	73.2	8.8	9.0	9.0	3,366	1,702	1,246	125.0	12:00	70.2	12/27/24 10:13				
12/25/24																				
12/26/24	AB	122.7	34,447	52,539	39,312	74.8	9.1	9.3	9.3	3,366	1,475	1,104	125.0	13:00	70.2	12/29/24 11:13				
12/27/24																				
12/28/24																				
12/29/24																				
12/30/24	AB	123.6	51,461	60,979	44,365	72.8	8.3	8.6	8.6	5,049	2,568	1,868	125.0	14:30	70.2	1/2/25 12:43	12/30/24	7:50	125.0	8,333
12/31/24	AB	123.9	48,104	59,563	43,899	73.7	8.6	8.9	8.0	5,049	2,508	1,849	129.2	13:00						

Veolia Middletown WWTP

December 2024

[illegible]

VEOLIA Middletown WWTP

Centrifuge Monthly Report

December

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													
02													
03													
04	6.50	21,759	3.08	5,589	2.79	27.8	1,092	391	17	15	5.9	10.0	
05													
06	6.00	21,882	3.14	5,730	2.87	29.3	1,008	352	18	22	5.3	9.0	
07													
08													
09													
10													
11	5.45	20,456	3.17	5,408	2.70	30.4	966	357	16	15	6.0	9.0	
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27	6.50	22,169	3.11	5,750	2.88	34.9	1,058	368	19	19	5.9	10.0	
28													
29													
30													
31													931.00

REVISED 7/17/14

PA MIDDLETOWN WWTP

December, 2024

BIOSOLIDS INVENTORY

DATE	DRY TONS		TO	USE	TOTAL ON SITE
	PROCESSED	DELIVERED			
12/01/24					
12/02/24					
12/03/24					
12/04/24	2.79				2.79
12/05/24		2.79	Amerigreen	Agriculture	0.00
12/06/24	2.87				2.87
12/07/24					
12/08/24					
12/09/24					
12/10/24		2.87	Amerigreen	Agriculture	0.00
12/11/24	2.70				2.70
12/12/24					
12/13/24					
12/14/24					
12/15/24					
12/16/24					
12/17/24		2.70	Amerigreen	Agriculture	0.00
12/18/24					
12/19/24					
12/20/24					
12/21/24					
12/22/24					
12/23/24					
12/24/24					
12/25/24					
12/26/24					
12/27/24	2.88				2.88
12/28/24					
12/29/24					
12/30/24					
12/31/24					
Total Tons	11.24	8.36		Total Tons	11.24
Metric Tons	10.20	7.58		Metric Tons	10.20

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	6.95	6.95	6.30	6.30
Jul, 2024	10.87	8.92	9.86	8.09
Aug, 2024	8.94	10.89	8.11	9.88
Sep, 2024	4.74	4.74	4.30	4.30
Oct, 2024	8.96	8.96	8.13	8.13
Nov, 2024	6.06	3.25	5.50	2.95
Dec, 2024	11.24	8.36	10.20	7.58
Total	112.85	109.98	102.38	99.77
Average	9.40	9.17	8.53	8.31
Maximum	13.41	15.76	12.17	14.30
Minimum	4.74	3.25	4.30	2.95

PA MIDDLETOWN WWTP

BIOSOLIDS VOLATILE REDUCTION

MONTH December

YEAR 2024

DAY	THICKENER DISCHARGE			SNDR			%
	TS	TVS	VS	TS	TVS	VS	VOL.
	mg/L		%	mg/L		%	REDUCT.
01							
02	49,000	36,652	74.8	31,900	17,400	54.5	52.5
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
AVG	49,000	36,652	74.8	31,900	17,400	54.5	
% SOLIDS REDUCTION			34.9			52.5	%

Veolia Middletown WWTP

Biosolids Volatile Reduction M.J. Reider Results 2024

Date	Thickener Discharge			SNDR			Volatile Reduction
	TS	TVS	VS	TS	TVS	VS	
	mg/L		%	mg/L		%	
01/08/24	42,000	32,718	77.9	27,200	15,300	56.0	53.2
01/29/24	49,000	38,269	78.1	27,400	15,700	57.0	59.0
02/19/24	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
06/10/24	77,000	55,055	71.5	26,300	15,100	57.4	72.6
06/24/24	42,000	29,610	70.5	27,700	15,800	57.0	46.6
07/08/24	48,000	31,632	65.9	31,500	18,500	58.7	41.5
08/19/24	52,000	35,100	67.5	30,300	16,100	53.1	54.1
08/27/24	50,000	33,900	67.8	32,700	18,200	55.7	46.3
09/16/24	46,000	32,430	70.5	30,900	1,650	53.4	49.1
09/23/24	37,000	26,307	71.1	32,200	17,500	54.3	33.5
10/07/24	45,000	31,995	71.1	30,700	16,300	53.1	49.1
11/04/24	63,000	24,885	39.5	29,400	15,200	51.7	38.9
12/02/24	49,000	36,652	74.8	31,900	17,400	54.5	52.5
AVG	49,285	35,116	71.3	28,000	14,995	53.6	
Avg. % TS Reduction		43.2	Avg. Mass Balance % VS Reduction				57.3

**PA MIDDLETOWN WWTP
2024 Annual Performance**

	Flow Data						BOD / CBOD						Phosphorus, Total		Fecal Colif.
	Total MG	Average MG	Maximum		Minimum		Inf mg/L	Eff mg/L	Inf Lbs	Eff Lbs	Lbs Remove	% Removal	Eff mg/L	Eff Lbs	cfu/100mL
Jan '24	63.350	2.044	1/9/2024	4.056	01/04/24	1.220	86	2	45,627	1,189	44,438	97.2	0.06	29	320
Feb '24	41.195	1.421	02/13/24	2.154	02/27/24	1.141	130	2	44,612	687	43,925	98.4	0.09	30	3800
Mar '24	48.672	1.570	03/09/24	3.434	03/01/24	1.204	95	2	38,461	939	37,522	97.2	0.13	53	440
Apr '24	55.358	1.845	04/03/24	4.854	04/23/24	0.118	99	2	45,697	933	44,765	97.5	0.59	271	2600
May '24	37.447	1.208	05/10/24	1.893	05/31/24	0.647	113	2	35,260	765	34,495	97.3	0.64	200	98
Jun '24	27.807	0.927	06/05/24	1.630	06/25/24	0.667	141	2	32,609	464	32,145	98.4	1.24	286	3
Jul '24	22.908	0.739	07/22/24	0.979	07/27/24	0.634	169	2	32,246	382	31,864	98.5	1.13	217	16
Aug '24	29.544	0.953	08/09/24	1.892	08/04/24	0.750	119	2	29,272	542	28,729	98.0	0.60	148	3
Sep '24	29.232	0.974	09/29/24	1.510	09/14/24	0.758	158	2	38,456	488	37,968	98.5	0.37	89	3500
Oct '24	28.593	0.922	10/01/24	1.496	10/23/24	0.792	167	2	39,798	477	39,321	98.6	0.11	27	11
Nov '24	26.603	0.887	11/81/24	1.545	11/8/2024	0.506	168	3	37,275	560	36,714	98.4	0.20	45	270
Dec '24	32.433	1.046	12/11/2024	2.539	12/27/2024	0.705	169	2	45,684	598	45,086	98.6	0.31	83	460
Total	398.148								382,038	6,865	375,173			1,351	
Average	36.195	1.226		2.313			128	2.0	38,204	687	37,517	98.0	0.50	135	
Maximum	63.350	2.044		4.854			169	2.5	45,697	1,189	44,765	98.6	1.24	286	
Minimum	14.043	0.739		0.979			86	2.0	29,272	382	28,729	97.2	0.06	27	
	TSS						Ammonia		TKN		Nitrate+Nitrit				Fecal Colif.
	Inf mg/L	Eff mg/L	Inf Lbs	Eff Lbs	Lbs Removed	% Removal	Eff mg/L	Eff Lbs	Eff mg/L	Eff Lbs	Eff mg/L	Eff Lbs	Eff mg/L	Eff Lbs	Geo. Mean
Jan '24	63	1	33,338	634	32,704	97.8	0.40	209	0.8	407	5.44	2,872	6.21	3,279	<25
Feb '24	106	1	36,332	429	35,902	98.6	0.40	138	1.0	345	7.32	2,514	8.32	2,859	<34
Mar '24	72	1	29,379	507	28,871	98.0	0.65	265	1.1	452	6.31	2,561	7.42	3,013	<28
Apr '24	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 '24	60	1	18,661	351	18,309	97.6	0.02	7	0.6	183	2.53	789	3.11	972	<6
Jun '24	96	1	22,205	232	21,973	98.9	0.03	7	0.6	150	2.29	530	2.94	681	<2
Jul '24	106	2	20,290	344	19,946	97.9	0.04	8	0.7	129	3.02	576	3.69	706	<2
Aug '24	74	3	18,110	647	17,463	95.1	0.06	15	0.9	211	3.34	823	4.20	1,034	<2
Sep '24	81	2	19,656	488	19,168	96.8	0.05	12	0.8	207	3.18	776	4.03	982	<11
Oct '24	109	1	26,017	310	25,707	98.6	0.32	76	1.1	269	2.04	486	3.16	754	<2
Nov '24	110	2	24,406	388	24,018	98.4	2.51	558	3.3	733	5.89	1,306	9.19	2,040	<7
Dec '24	100	2	27,110	451	26,659	97.9	2.64	713	3.4	928	5.99	1,620	9.42	2,548	<10
Total			267,200	5,050	262,150			862	8	2,751		13,194		15,945	
Average	86.1	1.5	26,720	505	26,215	97.5	0.22	86	1	275	3.82	1,319	4.67	1,594	
Maximum	109.1	2.6	43,214	1,108	42,106	98.9	0.65	265	1	452	7.32	2,872	8.32	3,279	
Minimum	59.8	1.0	18,110	232	17,463	95.1	0.02	7	1	129	2.04	486	2.94	681	



M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2450619
Report: 12/10/24
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: 2450619-01 **Collected By:** Client **Sampled:** 12/03/24 08:45 **Received:** 12/03/24 14:22
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	197	mg/L	13.3	SM 5210 B	12/04/24 8:23		AAM
Solids, Total Suspended	112	mg/L	1	SM 2540 D	12/04/24	D1	KMS

Lab ID: 2450619-02 **Collected By:** Client **Sampled:** 12/03/24 09:05 **Received:** 12/03/24 14:22
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	12/05/24	MS2	SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	12/04/24 10:14	BS2	AAM
Nitrate as N	17.2	mg/L	1.00	EPA 300.0 Rev 2.1	12/03/24 22:07		KCS
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	12/03/24 22:07		KCS
Nitrate+Nitrite as N	<17.30	mg/L	1.10	CALCULATED	12/03/24 22:07		KCS
Nitrogen, Total	<17.80	mg/L	1.60	CALCULATED	12/06/24 8:06		SNF
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	12/06/24	MS2	SNF
Phosphorus as P, Total	0.10	mg/L	0.01	SM 4500-P F	12/05/24		SNF
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	12/04/24		KMS

Lab ID: 2450619-03 **Collected By:** Client **Sampled:** 12/03/24 09:53 **Received:** 12/03/24 14:22
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	12/3/24 14:41	12/4/24 14:19		JMW



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M.J. Reider Associates, Inc.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Prepared By
2450619-02				
General Chemistry				
SM 4500-P F	SM 4500-P B	B4L0363	12/05/2024	SNF

Notes and Definitions

- BS2 The blank spike recovery was below acceptance limits. Results may be biased low.
- D1 The duplicate RPD was above acceptance limits.
- MS2 The matrix spike recovery was below acceptance limits.





M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2452293

Report: 12/12/24

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: 2452293-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 12/04/24 08:36 **Received:** 12/04/24 14:00
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	140	mg/L	13.3	SM 5210 B	12/05/24 14:46		INW
Solids, Total Suspended	68	mg/L	1	SM 2540 D	12/05/24		ENM

Lab ID: 2452293-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 12/04/24 09:42 **Received:** 12/04/24 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	12/06/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	12/05/24 10:30		AAM
Nitrate as N	18.0	mg/L	1.00	EPA 300.0 Rev 2.1	12/04/24 22:16		KCS
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	12/04/24 22:16		KCS
Nitrate+Nitrite as N	<18.10	mg/L	1.10	CALCULATED	12/04/24 22:16		KCS
Nitrogen, Total	<18.60	mg/L	1.60	CALCULATED	12/10/24 20:08		SNF
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	12/10/24		SNF
Phosphorus as P, Total	0.09	mg/L	0.01	SM 4500-P F	12/06/24		SNF
Solids, Total Suspended	3	mg/L	1	SM 2540 D	12/05/24		ENM

Lab ID: 2452293-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 12/04/24 09:42 **Received:** 12/04/24 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	12/4/24 15:00	12/5/24 14:14		JMW



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2452293-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B4L0468	12/06/2024		SNF



Jade Eversole

From: Webb, Kodi <kodi.webb@veolia.com>
Sent: Friday, December 6, 2024 12:14 PM
To: Jade Eversole
Subject: Re: WO# 2452293

CAUTION: This email originated from outside of MJ Reider. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Jade,

9:42 when the other effluent sample was collected.

Thanks,
Kodi

On Thu, Dec 5, 2024 at 6:55 PM Jade Eversole <jeversole@mjureider.com> wrote:
Hello,

Can you please confirm the sample collection time for the -02 sample?

Thanks,

Jade'Lynn Eversole
Project Manager

M.J. Reider Associates, Inc.
Environmental Testing Laboratories
107 Angelica Street, Reading, PA 19611
610-374-5129 office ext: 238
www.mjreider.com

--

Kodi Webb
Project Manager - Middletown, PA
VEOLIA NORTH AMERICA
888-844-0352



M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2452544

Report: 12/17/24

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: 2452544-01 **Collected By:** Client **Sampled:** 12/10/24 09:23 **Received:** 12/10/24 14:10
Sample Desc: Influent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	187	mg/L	13.3	SM 5210 B	12/11/24 11:00		LEH
Solids, Total Suspended	74	mg/L	1	SM 2540 D	12/11/24		ALD

Lab ID: 2452544-02 **Collected By:** Client **Sampled:** 12/10/24 09:36 **Received:** 12/10/24 14:10
Sample Desc: Effluent (24Hr Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	17.8	mg/L	0.10	EPA 350.1 Rev 2.0	12/13/24		SNF
Carbonaceous Biochemical Oxygen Demand	3.6	mg/L	2.0	SM 5210 B	12/11/24 11:52		INW
Nitrate as N	<1.00	mg/L	1.00	EPA 300.0 Rev 2.1	12/10/24 18:07		KCS
Nitrite as N	0.75	mg/L	0.10	EPA 300.0 Rev 2.1	12/10/24 18:07		KCS
Nitrate+Nitrite as N	<1.75	mg/L	1.10	CALCULATED	12/10/24 18:07		KCS
Nitrogen, Total	<21.45	mg/L	3.60	CALCULATED	12/15/24 21:39		SNF
Nitrogen, Total Kjeldahl (TKN)	19.7	mg/L	2.50	EPA 351.2 Rev 2.0	12/15/24		SNF
Phosphorus as P, Total	1.83	mg/L	0.01	SM 4500-P F	12/12/24		SNF
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	12/11/24		ALD

Lab ID: 2452544-03 **Collected By:** Client **Sampled:** 12/10/24 09:36 **Received:** 12/10/24 14:10
Sample Desc: Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	12/10/24 15:05	12/11/24 13:20		MAC



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2452544-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B4L0916	12/12/2024		SNF





M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2453267

Report: 12/20/24

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: 2453267-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 12/11/24 08:38 **Received:** 12/11/24 13:40
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	136	mg/L	13.3	SM 5210 B	12/12/24 10:17		LEH
Solids, Total Suspended	56	mg/L	1	SM 2540 D	12/12/24		ALD

Lab ID: 2453267-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 12/11/24 10:46 **Received:** 12/11/24 13:40
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	5.65	mg/L	0.10	EPA 350.1 Rev 2.0	12/16/24	MS1	KMS
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	12/12/24 10:37		SXS
Nitrate as N	2.42	mg/L	1.00	EPA 300.0 Rev 2.1	12/11/24 17:37		KCS
Nitrite as N	0.96	mg/L	0.10	EPA 300.0 Rev 2.1	12/11/24 17:37		KCS
Nitrate+Nitrite as N	3.38	mg/L	1.10	CALCULATED	12/11/24 17:37		KCS
Nitrogen, Total	10.59	mg/L	1.60	CALCULATED	12/15/24 17:14		SNF
Nitrogen, Total Kjeldahl (TKN)	7.21	mg/L	0.50	EPA 351.2 Rev 2.0	12/15/24		SNF
Phosphorus as P, Total	0.13	mg/L	0.01	SM 4500-P F	12/13/24		JMW
Solids, Total Suspended	3	mg/L	1	SM 2540 D	12/13/24		ALD

Lab ID: 2453267-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 12/11/24 10:46 **Received:** 12/11/24 13:40
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	12/11/24 14:22	12/12/24 12:58		JMW



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M.J. Reider Associates, Inc.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2453267-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B4L0997	12/13/2024		JMW

Notes and Definitions

MS1 The matrix spike recovery was above acceptance limits.





M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2453453

Report: 01/02/25

Lab Contact: Jade S Eversole

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

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2453453-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 12/17/24 08:47 **Received:** 12/17/24 14:00
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	138	mg/L	13.3	SM 5210 B	12/17/24 16:29	B-01, B-04	INW
Solids, Total Suspended	70	mg/L	1	SM 2540 D	12/18/24	D1	ALD

Lab ID: 2453453-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 12/17/24 09:58 **Received:** 12/17/24 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	12/18/24		SNF
Carbonaceous Biochemical Oxygen Demand	2.3	mg/L	2.0	SM 5210 B	12/18/24 12:23		LEH
Nitrate as N	1.89	mg/L	1.00	EPA 300.0 Rev 2.1	12/17/24 19:18		KCS
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	12/17/24 19:18		KCS
Nitrate+Nitrite as N	<1.99	mg/L	1.10	CALCULATED	12/17/24 19:18		KCS
Nitrogen, Total	<2.87	mg/L	1.60	CALCULATED	12/25/24 14:38		JMW
Nitrogen, Total Kjeldahl (TKN)	0.88	mg/L	0.50	EPA 351.2 Rev 2.0	12/25/24		JMW
Phosphorus as P, Total	0.18	mg/L	0.01	SM 4500-P F	12/18/24		SNF
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	12/18/24		ALD

Lab ID: 2453453-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 12/17/24 09:58 **Received:** 12/17/24 14:00
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	460	CFU/100mL	2	SM 9222 D	12/17/24 15:10	12/18/24 14:54		JMW



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M.J. Reider Associates, Inc.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2453453-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B4L1315	12/18/2024		SNF

Notes and Definitions

- B-01 The dissolved oxygen depletion for the dilution water blank was greater than 0.2 mg/L.
B-04 The difference between the highest and lowest results were greater than 30%.
D1 The duplicate RPD was above acceptance limits.



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M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2454352

Report: 01/02/25

Lab Contact: Jade S Eversole

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

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2454352-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 12/18/24 09:03 **Received:** 12/18/24 13:35
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	119	mg/L	13.3	SM 5210 B	12/18/24 16:58	B-01	INW
Solids, Total Suspended	88	mg/L	1	SM 2540 D	12/19/24		ENM

Lab ID: 2454352-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 12/18/24 10:06 **Received:** 12/18/24 13:35
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.06	mg/L	0.02	EPA 350.1 Rev 2.0	12/20/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	12/18/24 16:23		LEH
Nitrate as N	1.87	mg/L	1.00	EPA 300.0 Rev 2.1	12/18/24 16:55		KCS
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	12/18/24 16:55		KCS
Nitrate+Nitrite as N	<1.97	mg/L	1.10	CALCULATED	12/18/24 16:55		KCS
Nitrogen, Total	<2.47	mg/L	1.60	CALCULATED	12/25/24 17:42		JMW
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	12/25/24		JMW
Phosphorus as P, Total	0.13	mg/L	0.01	SM 4500-P F	12/20/24		SNF
Solids, Total Suspended	3	mg/L	1	SM 2540 D	12/19/24		ENM

Lab ID: 2454352-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 12/18/24 10:06 **Received:** 12/18/24 13:35
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	5	CFU/100mL	2	SM 9222 D	12/18/24 15:17	12/19/24 13:35		MAC



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M.J. Reider Associates, Inc.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2454352-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B4L1411	12/19/2024		SNF

Notes and Definitions

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





M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2454581

Report: 01/02/25

Lab Contact: Jade S Eversole

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

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2454581-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 12/24/24 08:39 **Received:** 12/24/24 12:00
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	223	mg/L	13.3	SM 5210 B	12/24/24 14:17		INW
Solids, Total Suspended	156	mg/L	1	SM 2540 D	12/26/24		JAF

Lab ID: 2454581-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 12/24/24 08:57 **Received:** 12/24/24 12:00
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.06	mg/L	0.02	EPA 350.1 Rev 2.0	12/26/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	12/24/24 16:11		LEH
Nitrate as N	1.56	mg/L	1.00	EPA 300.0 Rev 2.1	12/24/24 13:25		KCS
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	12/24/24 13:25		KCS
Nitrate+Nitrite as N	<1.66	mg/L	1.10	CALCULATED	12/24/24 13:25		KCS
Nitrogen, Total	<2.24	mg/L	1.60	CALCULATED	12/27/24 11:55		SNF
Nitrogen, Total Kjeldahl (TKN)	0.58	mg/L	0.50	EPA 351.2 Rev 2.0	12/27/24		SNF
Phosphorus as P, Total	0.10	mg/L	0.01	SM 4500-P F	12/26/24		SNF
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	12/26/24		JAF

Lab ID: 2454581-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 12/24/24 08:57 **Received:** 12/24/24 12:00
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	16	CFU/100mL	2	SM 9222 D	12/24/24 13:30	12/25/24 12:51		MAC



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M.J. Reider Associates, Inc.

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2454581-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B4L1772	12/26/2024		SNF





M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2451762

Report: 01/07/25

Lab Contact: Jade S Eversole

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

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2451762-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 12/26/24 08:31 **Received:** 12/26/24 12:30
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	231	mg/L	13.3	SM 5210 B	12/27/24 9:10		SXS
Solids, Total Suspended	92	mg/L	1	SM 2540 D	12/27/24	D1	ALD

Lab ID: 2451762-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 12/26/24 09:42 **Received:** 12/26/24 12:30
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.03	mg/L	0.02	EPA 350.1 Rev 2.0	12/27/24		SNF
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	12/27/24 11:41		SXS
Nitrate as N	4.47	mg/L	1.00	EPA 300.0 Rev 2.1	12/26/24 14:07		KCS
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	12/26/24 14:07		KCS
Nitrate+Nitrite as N	<4.57	mg/L	1.10	CALCULATED	12/26/24 14:07		KCS
Nitrogen, Total	<5.07	mg/L	1.60	CALCULATED	01/02/25 12:15		SNF
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	01/02/25	MS2	SNF
Phosphorus as P, Total	0.09	mg/L	0.01	SM 4500-P F	12/27/24		SNF
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	12/27/24		ALD

Lab ID: 2451762-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 12/26/24 09:42 **Received:** 12/26/24 12:30
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	39	CFU/100mL	2	SM 9222 D	12/26/24 14:32	12/27/24 14:10		ZJB



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Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2451762-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B4L1846	12/27/2024		SNF

Notes and Definitions

- D1 The duplicate RPD was above acceptance limits.
- MS2 The matrix spike recovery was below acceptance limits.





M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 2455577

Report: 01/07/25

Lab Contact: Jade S Eversole

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

Project Info: Bi-Weekly Inf & Eff

Lab ID: 2455577-01 **Collected By:** Client
Sample Desc: Influent (24Hr Composite)

Sampled: 12/31/24 08:46 **Received:** 12/31/24 13:40
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Biochemical Oxygen Demand	149	mg/L	13.3	SM 5210 B	12/31/24 17:01	B-01	INW
Solids, Total Suspended	186	mg/L	1	SM 2540 D	01/02/25		ALD

Lab ID: 2455577-02 **Collected By:** Client
Sample Desc: Effluent (24Hr Composite)

Sampled: 12/31/24 08:16 **Received:** 12/31/24 13:40
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
General Chemistry							
Ammonia as N	0.06	mg/L	0.02	EPA 350.1 Rev 2.0	01/03/25		JMW
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	01/01/25 16:00		LEH
Nitrate as N	2.58	mg/L	1.00	EPA 300.0 Rev 2.1	12/31/24 17:06		KCS
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	12/31/24 17:06		KCS
Nitrate+Nitrite as N	<2.68	mg/L	1.10	CALCULATED	12/31/24 17:06		KCS
Nitrogen, Total	<3.18	mg/L	1.60	CALCULATED	01/02/25 22:21		SNF
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	01/02/25		SNF
Phosphorus as P, Total	0.10	mg/L	0.01	SM 4500-P F	01/03/25		JMW
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	01/02/25		ALD

Lab ID: 2455577-03 **Collected By:** Client
Sample Desc: Effluent (Grab)

Sampled: 12/31/24 08:16 **Received:** 12/31/24 13:40
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	28	CFU/100mL	2	SM 9222 D	12/31/24 14:08	1/1/25 12:19		MAC



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

Preparation Methods

Specific Method	Preparation Method	Prep Batch	Prepared Date	Notes	Prepared By
2455577-02					
General Chemistry					
SM 4500-P F	SM 4500-P B	B5A0128	01/03/2025		JMW

Notes and Definitions

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

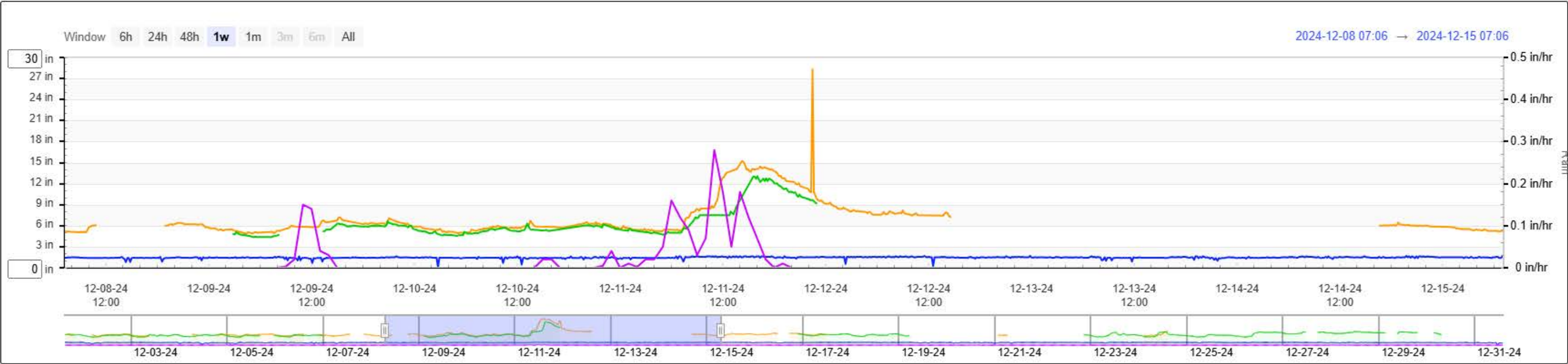


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Static Charts



Time Period Custom Date Range 2024-12-01 14:31 - 2024-12-31 14:31 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: 1.95 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

December, 2024

Maximum Day		873,029					Days pumped	31
Minimum Day		601,616						
Date	Well No.1	Well No.2	Well No.3	Well No.4	Well No.5	Well No.6	Total	Union Booster
01	141,805	289,483		86,984	53,731	224,420	796,423	128,772
02	205,722	186,168		86,851		321,978	800,719	125,222
03	175,069	90,752		86,848	91,609	271,854	716,132	129,628
04	236,362			86,960	119,860	360,867	804,049	
05	150,123	274,829		86,700	89,361	272,016	873,029	
06	143,083	292,995		86,605	72,373	222,540	817,596	
07	213,090	2,059		86,644	107,433	325,977	735,203	
08	245,205			86,612	123,885	372,672	828,374	
09	217,288			86,528	109,498	330,477	743,791	
10	262,469			86,518	61,816	397,341	808,144	
11	162,005	288,503		86,503	79,683	250,268	866,962	
12	146,004	298,013		86,592	74,372	227,705	832,686	
13	135,905	299,677		86,741	69,124	213,823	805,270	
14	133,351	301,827		86,856	67,418	209,533	798,985	
15	141,612	301,941		86,927	71,637	222,079	824,196	
16	138,525	301,757		86,960	70,499	218,232	815,973	
17	130,987	302,050		87,032	66,813	207,860	794,742	
18	131,358	301,762		87,053	66,989	208,601	795,763	
19	131,101	301,272		87,013	67,029	208,588	795,003	
20	124,309	301,823		87,106	63,370	197,596	774,204	
21	80,481	303,088		87,275	40,899	127,298	639,041	
22	147,296	301,483		86,938	74,447	231,263	841,427	
23	145,541	300,956		86,891	73,341	228,669	835,398	
24	131,433	301,302		87,056	66,604	207,966	794,361	
25	68,586	302,329		87,054	34,891	108,756	601,616	
26	143,657	299,637		86,702	73,101	227,795	830,892	
27	145,727	298,806		86,808	74,235	230,678	836,254	
28	80,444	300,600		86,984	41,125	127,820	636,973	
29	146,528	298,124		86,777	75,288	234,447	841,164	
30	144,447	297,680		86,856	74,504	231,538	835,025	
31	142,616	297,569		86,882	72,979	227,190	827,236	
Totals:	4,742,129	7,436,485		2,692,256	2,227,914	7,447,847	24,546,631	383,622
Maximum	262,469	303,088		87,275	123,885	397,341	873,029	129,628
Minimum	68,586	2,059		86,503	34,891	108,756	601,616	125,222
Average	152,972	275,425		86,847	74,264	240,253	791,827	127,874

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
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	Dec	1 Sun															
6		2 Mon															
7		3 Tue		12-3-24	7.70	14.0	362.0	200.00	112.00	0.05	22.20	<0.02	<0.01	271.00	778.00	7.70	
8		4 Wed															
9		5 Thu															
10		6 Fri															
11		7 Sat															
12		8 Sun															
13		9 Mon															
14		10 Tue		12-10-24	7.90	14.0	360.0	188.00	111.00	0.07	23.00	<0.02	<0.01	238.00	756.00	7.90	
15		11 Wed															
16		12 Thu															
17		13 Fri															
18		14 Sat															
19		15 Sun															
20		16 Mon															
21		17 Tue		12-17-24	7.70	12.0	356.0	216.00	109.00	0.06	21.00	<0.02	<0.01	247.00	786.00	7.70	
22		18 Wed															
23		19 Thu															
24		20 Fri															
25		21 Sat															
26		22 Sun															
27		23 Mon															
28		24 Tue		12-24-24	7.70	12.0	356.0	202.00	110.00	0.06	22.40	0.03	<0.01	243.00	744.00	7.70	
29		25 Wed															
30		26 Thu															
31		27 Fri															
32		28 Sat															
33		29 Sun															
34		30 Mon															
35		31 Tue		12-31-24	7.60	12.0	327.0	211.00	101.00	0.05	20.90	<0.02	<0.01	263.00	825.00	7.60	
37		MINIMUM		12-10-24	7.60	12.0	327.0	188.00	101.00	0.05	20.90	<0.02	<0.01	238.00	744.00	7.60	
38		MAXIMUM		12-3-24	7.90	14.0	362.0	216.00	112.00	0.07	23.00	0.03	<0.01	271.00	825.00	7.70	
39		AVERAGE		1	7.72	12.8	352.2	203.40	108.60	0.06	21.90	<0.02	<0.01	252.40	777.80	3.35	
40		SUM		5	38.60	64.0	1,761.0	1,017.00	543.00	0.29	109.50	<0.11	<0.05	1,262.00	3,889.00	16.75	



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2451764

Reported: 12/10/24

Lab Contact: Christina M Kistler

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

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

Lab ID: 2451764-01 **Collected By:** Client
Sample Desc: 701 Middletown WWTP
Notes:

Sampled: 12/03/24 08:02 **Received:** 12/03/24 14:22
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 B	12/3/24 17:47	12/4/24 12:18		JMW	N/A 1

Lab ID: 2451764-02 **Collected By:** Client
Sample Desc: 703 North Union Street Booster Station
Notes:

Sampled: 12/03/24 07:29 **Received:** 12/03/24 14:22
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 B	12/3/24 16:58	12/4/24 12:18		INW	N/A 1

Lab ID: 2451764-03 **Collected By:** Client
Sample Desc: 706 North Union Street Standpipe
Notes:

Sampled: 12/03/24 07:44 **Received:** 12/03/24 14:22
PADEP Type: D-Distribution
PWSID: 7220038 **Loc ID:** 706

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	EPA MCL Min/Max
Microbiology									
Total Coliform	Absent	/100mL	1.00	SM 9223 B	12/3/24 17:30	12/4/24 12:25		INW	N/A 1



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M.J. Reider Associates, Inc.

Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
2451764-01			
SM 9223 B	Colilert-18	12/03/2024	JMW
2451764-02			
SM 9223 B	Colilert-18	12/03/2024	INW
2451764-03			
SM 9223 B	Colilert-18	12/03/2024	INW



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Additional accreditations by MD (261)

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	110624	701		110524	D	0850	06003	2447407-01	KISTLERC_78
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	112124	701		112024	D	0905	06003	2449468-01	KISTLERC_791
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	120424	701		120324	D	0802	06003	2451764-01	KISTLERC_1374
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	110624	703		110524	D	0815	06003	2447407-02	KISTLERC_79
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	112124	703		112024	D	0844	06003	2449468-02	KISTLERC_792
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	120424	703		120324	D	0729	06003	2451764-02	KISTLERC_1375
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	111324	704		111224	D	0842	06003	2448525-01	KISTLERC_393
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	112724	704		112624	D	0809	06003	2450621-01	KISTLERC_1161
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	111324	705		111224	D	0816	06003	2448525-02	KISTLERC_394
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	112724	705		112624	D	0755	06003	2450621-02	KISTLERC_1162
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	120424	706		120324	D	0744	06003	2451764-03	KISTLERC_1376
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	110624	707		110524	D	0839	06003	2447407-03	KISTLERC_80
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	112124	707		112024	D	0854	06003	2449468-03	KISTLERC_793

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		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_521
7220038	2380	CIS-1,2-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_522

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	2955	XYLENES - TOTAL (VOC)	221	0.0	0.00100		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_523
7220038	2964	DICHLOROMETHANE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_524
7220038	2968	O-DICHLOROBENZENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_525
7220038	2969	P-DICHLOROBENZENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_526
7220038	2976	VINYL CHLORIDE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_527
7220038	2977	1,1-DICHLOROETHYLENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_528
7220038	2979	TRANS-1,2-DICHLOROETHENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_529
7220038	2980	1,2-DICHLOROETHANE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_530
7220038	2981	1,1,1-TRICHLOROETHANE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_531
7220038	2982	CARBON TETRACHLORIDE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_532
7220038	2983	1,2-DICHLOROPROPANE(VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_533
7220038	2984	TRICHLOROETHYLENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_534
7220038	2985	1,1,2-TRICHLOROETHANE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_535
7220038	2987	TETRACHLOROETHYLENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_536
7220038	2989	CHLOROBENZENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_537
7220038	2990	BENZENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_538
7220038	2991	TOLUENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_539
7220038	2992	ETHYLBENZENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_540
7220038	2996	STYRENE (VOC)	221	0.0	0.00050		111324	106		111124	E	1123	06003	2447405-01	KISTLERC_541



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2451763

Reported: 12/10/24

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: 2451763-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 12/03/24 08:04 **Received:** 12/03/24 14:22
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	12/04/24		ORL	N/A N/A	
Total Hardness as CaCO ₃	362	mg/L	4.56	CALCULATED	12/04/24		HRG	N/A N/A	
Phosphorus as P, Total	0.05	mg/L	0.01	SM 4500-P F	12/06/24		SNF	N/A N/A	
Silica as SiO ₂	22.2	mg/L	2.14	CALCULATED	12/05/24		HRG	N/A N/A	
Conductivity	778	umhos/cm	10	SM 2510 B	12/04/24		ORL	N/A N/A	
Total Metals									
Calcium	112	mg/L	1	EPA 200.7 Rev 4.4	12/04/24		HRG	N/A N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	12/05/24		HRG	N/A 0.3	PASS
Magnesium	19.8	mg/L	0.5	EPA 200.7 Rev 4.4	12/04/24		HRG	N/A N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	12/05/24		MPB	N/A 0.05	PASS
Silicon	10.4	mg/L	1.0	EPA 200.7 Rev 4.4	12/05/24		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
2451763-01			
SM 4500-P F	SM 4500-P B	12/05/2024	SNF



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M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2452546

Reported: 12/16/24

Lab Contact: Christina M Kistler

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

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

Lab ID: 2452546-01 **Collected By:** Client
Sample Desc: 704 Village of Pineford Office
Notes:

Sampled: 12/10/24 07:50 **Received:** 12/10/24 14:10
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 B	12/10/24 16:31	12/11/24 10:35		JMW	N/A 1

Lab ID: 2452546-02 **Collected By:** Client
Sample Desc: 705 High Street Standpipe
Notes:

Sampled: 12/10/24 07:32 **Received:** 12/10/24 14:10
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 B	12/10/24 16:31	12/11/24 10:35		JMW	N/A 1

Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
2452546-01			
SM 9223 B	Colilert-18	12/10/2024	JMW
2452546-02			
SM 9223 B	Colilert-18	12/10/2024	JMW



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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	121124	704		121024	D	0750	06003	2452546-01	KISTLERC_260
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121124	705		121024	D	0732	06003	2452546-02	KISTLERC_261



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2452545

Reported: 12/19/24

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: 2452545-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 12/10/24 08:05 **Received:** 12/10/24 14:10
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	188	mg CaCO ₃ /L	20	SM 2320 B	12/11/24		ORL	N/A N/A	
Total Hardness as CaCO ₃	360	mg/L	4.56	CALCULATED	12/11/24		HRG	N/A N/A	
Phosphorus as P, Total	0.07	mg/L	0.01	SM 4500-P F	12/13/24		JMW	N/A N/A	
Silica as SiO ₂	23.0	mg/L	2.14	CALCULATED	12/12/24		HRG	N/A N/A	
Conductivity	756	umhos/cm	10	SM 2510 B	12/17/24		ORL	N/A N/A	
Total Metals									
Calcium	111	mg/L	1	EPA 200.7 Rev 4.4	12/11/24		HRG	N/A N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	12/12/24		HRG	N/A 0.3	PASS
Magnesium	20.0	mg/L	0.5	EPA 200.7 Rev 4.4	12/11/24		HRG	N/A N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	12/11/24		MPB	N/A 0.05	PASS
Silicon	10.8	mg/L	1.0	EPA 200.7 Rev 4.4	12/12/24		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
2452545-01			
SM 4500-P F	SM 4500-P B	12/13/2024	JMW



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ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2453052

Reported: 01/09/25

Lab Contact: Christina M Kistler

Attention: Chris Hannan

Reported To: Veolia Middletown

453 S. Lawrence St.

Middletown, PA 17057

Project: 104 Entry Point Well #4 PFOA & PFOS

Lab ID: 2453052-01

Collected By: Client

Sampled: 12/11/24 08:37

Received: 12/11/24 13:40

Sample Desc: 104 Entry Point Well #4

PADEP Type:

Notes:

PWSID: 7220038

Loc ID:

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Subcontracted									
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<1.9	ng/L	1.9	EPA 537.1	12/18/24	EEAS	ZK	N/A	N/A
Perfluorobutanesulfonic acid (PFBS)	6.7	ng/L	1.9	EPA 537.1	12/18/24	EEAS	ZK	N/A	N/A
Perfluorohexanesulfonic acid (PFHxS)	3.3	ng/L	1.9	EPA 537.1	12/18/24	EEAS	ZK	N/A	N/A
Perfluorononanoic acid (PFNA)	<1.9	ng/L	1.9	EPA 537.1	12/18/24	EEAS	ZK	N/A	N/A
Perfluorooctanesulfonic acid (PFOS)	6.9	ng/L	1.9	EPA 537.1	12/18/24	EEAS	ZK	N/A	18
Perfluorooctanoic acid (PFOA)	6.3	ng/L	1.9	EPA 537.1	12/18/24	EEAS	ZK	N/A	14
Surrogates									
13C2 PFDA	103%		70-130	EPA 537.1	12/18/24 1:03	EEAS	ZK		
13C2 PFHxA	97%		70-130	EPA 537.1	12/18/24 1:03	EEAS	ZK		
13C3 HFPO-DA	102%		70-130	EPA 537.1	12/18/24 1:03	EEAS	ZK		
d5-NEtFOSAA	98%		70-130	EPA 537.1	12/18/24 1:03	EEAS	ZK		

Lab ID: 2453052-02

Collected By: Client

Sampled: 12/11/24 08:37

Received: 12/11/24 13:40

Sample Desc: 104 Field Blank

PADEP Type:

Notes:

PWSID: 7220038

Loc ID:

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max	
Subcontracted									
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<1.9	ng/L	1.9	EPA 537.1	12/20/24	EEAS	ZK	N/A	N/A
Perfluorobutanesulfonic acid (PFBS)	<1.9	ng/L	1.9	EPA 537.1	12/20/24	EEAS	ZK	N/A	N/A
Perfluorohexanesulfonic acid (PFHxS)	<1.9	ng/L	1.9	EPA 537.1	12/20/24	EEAS	ZK	N/A	N/A
Perfluorononanoic acid (PFNA)	<1.9	ng/L	1.9	EPA 537.1	12/20/24	EEAS	ZK	N/A	N/A



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Lab ID: 2453052-02 Continued

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	EPA MCL Min/Max
Subcontracted								
Perfluorooctanesulfonic acid (PFOS)	<1.9	ng/L	1.9	EPA 537.1	12/20/24	EEAS	ZK	N/A 18
Perfluorooctanoic acid (PFOA)	<1.9	ng/L	1.9	EPA 537.1	12/20/24	EEAS	ZK	N/A 14
Surrogates								
13C2 PFDA	98%		70-130	EPA 537.1	12/20/24 21:28	EEAS	ZK	
13C2 PFHxA	97%		70-130	EPA 537.1	12/20/24 21:28	EEAS	ZK	
13C3 HFPO-DA	94%		70-130	EPA 537.1	12/20/24 21:28	EEAS	ZK	
d5-NEtFOSAA	98%		70-130	EPA 537.1	12/20/24 21:28	EEAS	ZK	

Notes and Definitions

EEAS Analysis subcontracted to: Eurofins Eaton Analytical South Bend, Certification ID: 68-00466



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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	2801	PERFLUOROBUTANESULFONIC ACID	239	6.7	1.90000		121824	104		121124	E	0837	68466	810-131604-1	REEVESW_309
7220038	2803	PERFLUOROHEXANESULFONIC ACID	239	3.3	1.90000		121824	104		121124	E	0837	68466	810-131604-1	REEVESW_310
7220038	2804	PERFLUORONONANOIC ACID	239	0.0	1.90000		121824	104		121124	E	0837	68466	810-131604-1	REEVESW_311
7220038	2805	PERFLUOROOCTANESULFONIC ACID	239	6.9	1.90000		121824	104		121124	E	0837	68466	810-131604-1	REEVESW_312
7220038	2806	PERFLUOROOCTANOIC ACID	239	6.3	1.90000		121824	104		121124	E	0837	68466	810-131604-1	REEVESW_313
7220038	2816	HEXAFLUOROPROPYLENE OXIDE DA	239	0.0	1.90000		121824	104		121124	E	0837	68466	810-131604-1	REEVESW_308



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2453455

Reported: 01/02/25

Lab Contact: Christina M Kistler

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

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

Lab ID: 2453455-01 **Collected By:** Client
Sample Desc: 701 Middletown WWTP
Notes:

Sampled: 12/17/24 08:53 **Received:** 12/17/24 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 B	12/17/24 15:43	12/18/24 9:52		MAC	N/A 1

Lab ID: 2453455-02 **Collected By:** Client
Sample Desc: 703 North Union Street Booster Station
Notes:

Sampled: 12/17/24 08:17 **Received:** 12/17/24 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 B	12/17/24 15:43	12/18/24 9:52		MAC	N/A 1

Lab ID: 2453455-03 **Collected By:** Client
Sample Desc: 707 Main St. Catherine St Hydrant
Notes:

Sampled: 12/17/24 08:41 **Received:** 12/17/24 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 B	12/17/24 15:43	12/18/24 9:52		MAC	N/A 1



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Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
2453455-01			
SM 9223 B	Colilert-18	12/17/2024	MAC
2453455-02			
SM 9223 B	Colilert-18	12/17/2024	MAC
2453455-03			
SM 9223 B	Colilert-18	12/17/2024	MAC



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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	121824	701		121724	D	0853	06003	2453455-01	KISTLERC_481
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121824	703		121724	D	0817	06003	2453455-02	KISTLERC_482
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121124	704		121024	D	0750	06003	2452546-01	KISTLERC_260
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121124	705		121024	D	0732	06003	2452546-02	KISTLERC_261
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121824	707		121724	D	0841	06003	2453455-03	KISTLERC_483



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2453454

Reported: 01/02/25

Lab Contact: Christina M Kistler

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

Project: DW-Weekly WWTP Water Lab Sink
7220038

Lab ID: 2453454-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 12/17/24 08:56 **Received:** 12/17/24 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	216	mg CaCO ₃ /L	20	SM 2320 B	12/19/24		NJG	N/A N/A	
Total Hardness as CaCO ₃	356	mg/L	4.56	CALCULATED	12/18/24		HRG	N/A N/A	
Phosphorus as P, Total	0.06	mg/L	0.01	SM 4500-P F	12/21/24		SNF	N/A N/A	
Silica as SiO ₂	21.0	mg/L	2.14	CALCULATED	12/18/24		HRG	N/A N/A	
Conductivity	786	umhos/cm	10	SM 2510 B	12/23/24		ORL	N/A N/A	
Total Metals									
Calcium	109	mg/L	1	EPA 200.7 Rev 4.4	12/18/24		HRG	N/A N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	12/18/24		HRG	N/A 0.3	PASS
Magnesium	20.5	mg/L	0.5	EPA 200.7 Rev 4.4	12/18/24		HRG	N/A N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	12/18/24		MPB	N/A 0.05	PASS
Silicon	9.8	mg/L	1.0	EPA 200.7 Rev 4.4	12/18/24		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
2453454-01			
SM 4500-P F	SM 4500-P B	12/20/2024	SNF



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ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2454583

Reported: 01/05/25

Lab Contact: Christina M Kistler

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

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

Lab ID: 2454583-01
Sample Desc: 701 WWTP
Notes:

Collected By: Client

Sampled: 12/24/24 09:01
Received: 12/24/24 12:00
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 B	12/24/24 13:24	12/25/24 13:34		ZJB	N/A 1

Lab ID: 2454583-02
Sample Desc: 705 High Street Standpipe
Notes:

Collected By: Client

Sampled: 12/24/24 08:16
Received: 12/24/24 12:00
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 B	12/24/24 13:24	12/25/24 13:34		ZJB	N/A 1

Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
2454583-01			
SM 9223 B	Colilert-24	12/24/2024	ZJB
2454583-02			
SM 9223 B	Colilert-24	12/24/2024	ZJB



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Additional accreditations by MD (261)



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	121824	701		121724	D	0853	06003	2453455-01	KISTLERC_481
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	122524	701		122424	D	0901	06003	2454583-01	KISTLERC_874
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121824	703		121724	D	0817	06003	2453455-02	KISTLERC_482
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121124	704		121024	D	0750	06003	2452546-01	KISTLERC_260
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121124	705		121024	D	0732	06003	2452546-02	KISTLERC_261
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	122524	705		122424	D	0816	06003	2454583-02	KISTLERC_875
7220038	3100	TOTAL COLIFORM PRESENCE	331	0.0	121824	707		121724	D	0841	06003	2453455-03	KISTLERC_483



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2454582

Reported: 01/02/25

Lab Contact: Christina M Kistler

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

Project: DW-Weekly WWTP Water Lab Sink
7220038

Lab ID: 2454582-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 12/24/24 09:02 **Received:** 12/24/24 12:00
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	12/27/24		ORL	N/A N/A	
Total Hardness as CaCO ₃	356	mg/L	4.56	CALCULATED	12/26/24		HRG	N/A N/A	
Phosphorus as P, Total	0.06	mg/L	0.01	SM 4500-P F	12/26/24		SNF	N/A N/A	
Silica as SiO ₂	22.4	mg/L	2.14	CALCULATED	12/26/24		HRG	N/A N/A	
Conductivity	744	umhos/cm	10	SM 2510 B	12/30/24		ORL	N/A N/A	
Total Metals									
Calcium	110	mg/L	1	EPA 200.7 Rev 4.4	12/26/24		HRG	N/A N/A	
Iron	0.03	mg/L	0.02	EPA 200.7 Rev 4.4	12/27/24		HRG	N/A 0.3	PASS
Magnesium	19.8	mg/L	0.5	EPA 200.7 Rev 4.4	12/26/24		HRG	N/A N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	12/26/24		HRG	N/A 0.05	PASS
Silicon	10.5	mg/L	1.0	EPA 200.7 Rev 4.4	12/26/24		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
2454582-01			
SM 4500-P F	SM 4500-P B	12/26/2024	SNF



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M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2455578

Reported: 01/10/25

Lab Contact: Christina M Kistler

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

Project: DW-Weekly WWTP Water Lab Sink
7220038

Lab ID: 2455578-01 **Collected By:** Client
Sample Desc: WWTP Lab Sink

Sampled: 12/31/24 08:44 **Received:** 12/31/24 13:40
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	211	mg CaCO ₃ /L	20	SM 2320 B	01/06/25		ORL	N/A N/A	
Total Hardness as CaCO ₃	327	mg/L	4.56	CALCULATED	01/03/25		HRG	N/A N/A	
Phosphorus as P, Total	0.05	mg/L	0.01	SM 4500-P F	12/31/24		KMS	N/A N/A	
Silica as SiO ₂	20.9	mg/L	2.14	CALCULATED	01/02/25		HRG	N/A N/A	
Conductivity	825	umhos/cm	10	SM 2510 B	01/06/25		ORL	N/A N/A	
Total Metals									
Calcium	101	mg/L	1	EPA 200.7 Rev 4.4	01/03/25		HRG	N/A N/A	
Iron	<0.02	mg/L	0.02	EPA 200.7 Rev 4.4	01/02/25		HRG	N/A 0.3	PASS
Magnesium	18.0	mg/L	0.5	EPA 200.7 Rev 4.4	01/03/25		HRG	N/A N/A	
Manganese	<0.005	mg/L	0.005	EPA 200.8 Rev 5.4	01/02/25		HRG	N/A 0.05	PASS
Silicon	9.8	mg/L	1.0	EPA 200.7 Rev 4.4	01/02/25		HRG	N/A N/A	

Notes and Definitions

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

Fail Result greater than EPA maximum contaminant level.

Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
2455578-01			
SM 4500-P F	SM 4500-P B	12/31/2024	JMW



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Additional accreditations by MD (261)

Data Added Successfully by HANNANJ

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

6 January 2025 at 12:56

To: Micah.Ammerman@veolia.com

HANNANJ successfully added data to DWELR on 01/06/25 at 0:56 PM. Form: SDWA1.

Form Type	User	LabID	PWSID	ContamID	Pre_ID	Loc_Epid	Sample Date
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_187	701	120324
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_188	703	120324
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_189	706	120324
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_190	704	121024
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_191	705	121024
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_192	701	121724
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_193	703	121724
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_194	707	121724
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_195	701	122424
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_196	705	122424
SDWA1	HANNANJ	22604	7220038	1013	HANNANJ_197	707	123124

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

File Uploaded Successfully by HANNANJ

6 messages

ra-padwis@pa.gov <ra-padwis@pa.gov>
To: Micah.Ammerman@veolia.com

6 January 2025 at 12:46

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 100 Well No 1 (32).xls	HANNANJ	HANNANJ_1 through HANNANJ_31

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

ra-padwis@pa.gov <ra-padwis@pa.gov>
To: Micah.Ammerman@veolia.com

6 January 2025 at 12:47

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 102 Well No 2 (32).xls	HANNANJ	HANNANJ_32 through HANNANJ_62

[Quoted text hidden]

ra-padwis@pa.gov <ra-padwis@pa.gov>
To: Micah.Ammerman@veolia.com

6 January 2025 at 12:48

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 103 Well No 3 (32).xls	HANNANJ	HANNANJ_63 through HANNANJ_93

[Quoted text hidden]

ra-padwis@pa.gov <ra-padwis@pa.gov>
To: Micah.Ammerman@veolia.com

6 January 2025 at 12:49

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 104 Well No 4 (32).xls	HANNANJ	HANNANJ_94 through HANNANJ_124

[Quoted text hidden]

ra-padwis@pa.gov <ra-padwis@pa.gov>
To: Micah.Ammerman@veolia.com

6 January 2025 at 12:49

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 105 Well No 5 (32).xls	HANNANJ	HANNANJ_125 through HANNANJ_155

[Quoted text hidden]

ra-padwis@pa.gov <ra-padwis@pa.gov>
To: Micah.Ammerman@veolia.com

6 January 2025 at 12:50

HANNANJ uploaded a file successfully to DWELR.

File Name	User	Record ID Range
PA DEP SDWA-1 106 Well No 6 (33).xls	HANNANJ	HANNANJ_156 through HANNANJ_186

[Quoted text hidden]

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:	2,781	172,892.35	710,352.78	883,245.13	NEW ACCOUNTS: 14
DISCONNECTED ACCTS:	16	687.85	2,158.55	2,846.40	DISCONNECT--NO TRF: 16
FINALED ACCOUNTS:	445	19,703.92		19,703.92	DISCONNECT-TRANSFER: 0
INACTIVE ACCOUNTS:	12,634	0.00		0.00	

GRAND TOTALS 15,876 193,284.12 712,511.33 905,795.45

CALCULATION SUMMARY

TOTAL CHARGES:	712,511.33
DEPOSIT RETURNS:	0.00
TOTAL CURRENT:	712,511.33

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

CATEGORY	NUMBER	TOTAL NET	FUEL-ADJ	TOTAL TAX	TAXABLE	BILLED CONSUMPTION	UNBILLED CONSUMPTION	TOTAL CONSUMPTION
S SEWER	2720	414,945.07	0.00	0.00	0.00	14513,700.0000		14513,700.0000
SR SURCHARGE	3	0.00	0.00	0.00	0.00			
SR2 SURCHARGE 2	3	0.00	0.00	0.00	0.00			
SR3 SURCHARGE 3	2767	30,899.64	0.00	0.00	0.00			
W WATER	5400	266,666.62	0.00	0.00	0.00	18853,300.0000		18853,300.0000
TOTALS		712,511.33	0.00	0.00	0.00			

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

R/C DESCRIPTION	G/L ACCOUNT#	AMOUNT
SERVICES:		
200-WTR MDT	687-145900	79,723.56
203-WTR MDT COMMERCIAL	687-145900	110,241.60
206-CUSTOMER CHARGE	687-145900	13,620.16
207-SERVICE CHG / METER	687-145900	53,604.93
210-WTR ROYAL	687-145900	9,412.00
220-WTR L SWT	687-145900	64.37
230-SURCHARGE WATER/SEWER	687-145900	0.00
231-SURCHARGE WATER/SEWER	687-145900	0.00
232-SURCHARGE WATER/SEWER	687-145900	30,899.64
300-SWR MDT	687-145800	343,892.02
306-SW CUST CHARGE	687-145800	71,053.05
310-SWR ROYAL	687-145800	0.00
320-SWR L SWT	687-145800	0.00
R/C TOTALS		712,511.33

***** 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	2718	414,945.07	0.00	0.00	0.00	14,513,700.0000	801
SR	230	SR2	SURCHARGE WATER/SEWE	SR2	3	0.00	0.00	0.00	0.00		
SR2	231	SR2	SURCHARGE WATER/SEWE	SR2	3	0.00	0.00	0.00	0.00		
SR3	232	232	SURCHARGE WATER/SEWE	SR3	2767	30,899.64	0.00	0.00	0.00		
W	200	C10	COMM 1" MTR	C10	31	3,648.75	0.00	0.00	0.00	253,900.0000	
W	200	C15	COMM 1 1/2" MTR	C15	9	8,113.70	0.00	0.00	0.00	701,600.0000	
W	200	C20	COMM 2" MTR	C20	23	19,357.72	0.00	0.00	0.00	1,667,500.0000	
W	200	C30	COMM 3" MTR	C30	5	9,900.89	0.00	0.00	0.00	868,200.0000	
W	200	C40	COMM 4" MTR	C40	2	116.56	0.00	0.00	0.00	3,000.0000	
W	200	C58	COMM 5/8" MTR	C58	31	2,927.55	0.00	0.00	0.00	194,600.0000	
W	200	C60	COMM 6" MTR	C60	13	57,471.63	0.00	0.00	0.00	5,069,100.0000	
W	200	C75	COMM 3/4" MTR	C75	2	689.02	0.00	0.00	0.00	57,100.0000	
W	200	C80	COMM 8" MTR	C80	4	11,757.64	0.00	0.00	0.00	1,028,000.0000	
W	200	COM	COMPOUND WATER N/C	COM	9	0.00	0.00	0.00	0.00		
W	200	LS8	LOWER SWAT 8" MTR	LS8	1	64.37	0.00	0.00	0.00	300.0000	
W	200	NCW	NO CHG	NCW	25	0.00	0.00	0.00	0.00	34,200.0000	
W	200	R10	RESID 1" MTR	R10	67	3,457.86	0.00	0.00	0.00	155,700.0000	
W	200	R58	RESID - 5/8" MTR	R58	2555	136,500.14	0.00	0.00	0.00	6,689,200.0000	
W	200	R60	RESID 6" MTR	R60	1	2,804.39	0.00	0.00	0.00	245,600.0000	
W	200	R75	RESID 3/4" MTR	R75	5	314.15	0.00	0.00	0.00	17,000.0000	
W	200	RB6	ROYALTON BOR 6" MTR	RB6	2	9,412.00	0.00	0.00	0.00	1,868,300.0000	
W	210	A1V	FLAT RATE WATER -VAR	A1V	2	130.25	0.00	0.00	0.00		
W	220	MC	WATER METER CHARGE -	MC	2613	0.00	0.00	0.00	0.00		
TOTALS						712,511.33	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	18,853,300.0000	0.000	18,853,300.0000	

***** 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

*** SERVICE CATEGORY TOTALS ***

SERV CATG	NUMBER BILLED	BILL CONS	TOTAL CONS	DEMAND CONS	TAX AMOUNT	BILL AMOUNT
S	2,720	14,513,700	14,513,700			\$ 414,945.07
SR	2,654	0	0			
SR2	2,736	0	0			
SR3	2,767	0	0		\$	30,899.64
W	5,400	18,853,300	18,853,300		\$	266,666.62

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

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

REVENUE CODE:	--CURRENT--	+1 MONTHS	+2 MONTHS	+3 MONTHS	+4 MONTHS	--BALANCE--
081-NSF CK FEE	0.00	60.00	0.00	0.00	0.00	60.00
200-WTR MDT	79000.72	18588.93	7720.00	2281.38	3602.99	111194.02
201-WATER TURN ON	0.00	133.71	10.02	23.70	41.70	209.13
203-WTR MDT COMMERCIAL	110885.69	2505.16	31.14	0.15	105.76	113527.90
206-CUSTOMER CHARGE	13332.26	2504.84	862.12	296.42	2840.93	19836.57
207-SERVICE CHG / METER	52330.28	9816.99	3337.28	1150.12	11029.56	77664.23
210-WTR ROYAL	9412.00	0.00	0.00	0.00	0.00	9412.00
220-WTR L SWT	64.37	0.00	0.00	0.00	0.00	64.37
230-SURCHARGE WATER/SEWER	16.28	6.93	6.87	6.87	1243.90	1280.85
231-SURCHARGE WATER/SEWER	9.79CR	31.90	31.96	31.96	1887.06	1973.09
232-SURCHARGE WATER/SEWER	29173.87	1612.69	380.69	101.14	271.41	31539.80
240-WATER TAP FEE	1365.00	0.00	0.00	0.00	0.00	1365.00
275-WTR PEN	268.34CR	2044.70	655.01	147.90	1153.96	3733.23
300-SWR MDT	340520.83	41022.79	14091.43	4724.87	7669.60	408029.52
306-SW CUST CHARGE	69471.04	13349.32	4663.19	1686.02	29908.88	119078.45
340-SEWER TAP	1425.00	0.00	0.00	0.00	0.00	1425.00
375-SWR PEN	380.27CR	3457.07	1095.57	233.64	2612.25	7018.26
996-UNAPPLIED	22845.82CR	0.00	0.00	0.00	0.00	22845.82CR
999-REFUND	2337.94CR	0.00	0.00	0.00	0.00	2337.94CR
TOTALS	681155.18	95135.03	32885.28	10684.17	62368.00	882227.66

TOTAL REVENUE CODES: 882,227.66
TOTAL ACCOUNT BALANCE: 882,227.66
DIFFERENCE: 0.00

12-02-2024 08:39 AM
PERIOD: 11/01/2024 THRU 11/30/2024
ZONE: * - All Zones
REVENUE CODE: All
ADJUSTMENT CODES:

MONTHLY TRANSACTION REPORT

PAGE: 24

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

TYPE	DAY	COUNT	AMOUNT
ADJUSTMENT	04	2	61.39CR
	05	3	3,597.94CR
	08	2	5,580.00
	12	2	100.00
	13	2	80.00
	15	3	212.46CR
	18	3	80.00
	19	3	80.00
	22	2	3,501.61CR
	25	133	2,790.00
	26	2	58.97CR
	ADJUSTMENT TOTAL		1,277.63
BILL	04	1	8.25
	05	1	0.00
	07	2	23.07CR
	12	2	3.72CR
	13	2	72.21
	18	1	133.29
	19	1	95.79
	20	7	1,666.09
	22	2	96.44
	25	2,782	710,466.05
	BILL TOTAL		712,511.33
	LATE TOTAL		6,809.40
LATE CHARGE	25	434	6,809.40
MEMO	18	3	0.00
	MEMO TOTAL		0.00
PAYMENT	01	46	54,616.56CR
	04	142	25,479.08CR
	05	130	81,030.26CR
	06	52	9,931.46CR
	07	143	22,390.21CR
	08	155	33,954.75CR
	12	124	25,541.25CR
	13	369	255,531.23CR
	14	113	19,374.45CR
	15	234	61,261.01CR
	18	154	92,205.11CR
	19	101	38,156.55CR
	20	58	10,456.30CR

Difference - adj total + \$ Billed -
Other Revenue = \$8,087.03

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

TYPE	DAY	COUNT	AMOUNT
	21	42	6,263.81CR
	22	76	18,896.90CR
	25	74	27,191.04CR
	26	29	5,801.10CR
	27	21	5,228.72CR
PAYMENT TOTAL			793,309.79CR
DRAFT	15	425	67,475.66CR
	20	24	20,103.18CR
DRAFT TOTAL			87,578.84CR
REVERSE-PAY	05	1	685.71
	18	3	636.69
	19	2	848.77
REVERSE PAY TOTAL			2,171.17
GRAND TOTAL FOR PERIOD			158,119.10CR

> Total Collected = \$808,888.63

12/10/2024 8:22 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	5	0
12 - BOOK 12	4	0
15 - BOOK 15	2	0
16 - BOOK 16	1	0
18 - BOOK 18	1	0
20 - BOOK 20	1	1
21 - BOOK 21	1	0
29 - BOOK 29	1	0
Grand Totals	19	1

ACTION	----- ISSUED THIS PERIOD -----				----- PRIOR ORDERS -----			TOTAL	TOTAL
	ISSUED	COMPLETED	VOIDED	OUTSTANDING	COMPLETED	VOIDED	OUTSTANDING	COMPLETED	OUTSTANDING
C CONNECT	1	1	0	0	242	4	0	243	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	53	53	0	0	4,607	120	0	4,660	0
M METER CHANGE	0	0	0	0	1,291	9	0	1,291	0
O OCC CHANGE	15	15	0	0	1,716	3	0	1,731	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	848	26	0	848	0

** GRAND TOTALS **	69	69	0	0	8,789	171	0	8,858	0

METER NO#	ACCOUNT NO#	NAME	ADDRESS	MXU TYPE	MXU ID
W 53388599	INVENTORY				1551754996
W 38077530	INVENTORY				1487106720
W 38982668	INVENTORY				1548613312
W 39759236	INVENTORY				1564217606
W 10659431	INVENTORY				1568103474
W 10871871	INVENTORY				1568031178
W 54476350	INVENTORY				1568048468
W 10871838	INVENTORY				1568014512
W 10871883	INVENTORY				1563387082
W 10871886	INVENTORY				1563522708
W 12164948	INVENTORY				1572396976
W 12164947	INVENTORY				1573617074
W 14171011	INVENTORY				1576006862
W 14171003	INVENTORY				1575719576
W 14171081	INVENTORY				1575710212
W 161607079	INVENTORY				1573584092
W 16393024	INVENTORY				1575721430

*** TOTAL METERS IN SERVICE 2804
*** TOTAL METERS IN INVENTORY 1329

NOVEMBER 2024 CUSTOMER SERVICE CALLS																								
VEOLIA MIDDLETOWN																								
Date	How Contact Was Received			Customer Service Inquiries															Field Service Requests					Field Request Info
	Call direct to Middletown CS	Customer Correspondance (Letters/E-mails)	TOTALS	Calls for Other Ops	Calls from City / Other Org	AppleTree Hold Call	General Acct. Info	Copy Of Bill	Correct Bills	Bill Inquiry	Rates	Payment	Collection Letter	New Account	Finals	Meter Reading/ Re-Reads	Service Complaints	C.S. Thank Yous	Sewer Back up or SSO	Water Leaks	Broke, Froze, Leaking Meter	No Waterflow Pressure	Water Quality	
November 1st, 2024	44	1	45	1						6		37												
November 4th, 2024	65	7	72							5		54	6											
November 5th, 2024	35	4	39	1						4		23	7											
November 6th, 2024	42	3	45	2						7		28	4		1									
November 7th, 2024	28	3	31							2		23	3											
November 8th, 2024	60	1	61	2						3		47	8											
November 12th, 2024	85	10	95	4				2		8		62	7		2									
November 13th, 2024	82	3	85							9		61	12											
November 14th, 2024	52	0	52	1			1			4		46												
November 15th, 2024	95	3	98	1			1			7		81		2	3									
Npvember 18th, 2024	52	5	57	3			5			3		39		2										
November 19th, 2024	23	3	26	1								22												
November 20th, 2024	36	12	48				2			2		29			2				1					
November 21st, 2024	23	4	27	1						1		21												
November 22nd, 2024	49	4	53				4			2		43												
November 25th, 2024	42	2	44				3			2		32		2	3									
November 26th, 2024	20	0	20	2			3			1		14												
November 27th, 2024	18	0	18	1						2		15												
GRAND TOTALS	851	65	916	20	0	0	19	2	0	58	0	677	47	8	11	0	0	0	0	1	0	0	0	

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	6/17/2024	6/21/2024	238	7/8/2024	68	4 SHUT OFFS (4 OCCUPIED) 3 PROPERTIES TURNED BACK ON
June Bill Cycle	7/15/2024	7/19/2024	244	8/5/2024	118	0 SHUT OFFS FOR AUGUST
July Bill Cycle	8/15/2024	8/20/2024	241	9/9/2024	96	11 SHUT OFFS (9 OCCUPIED) 3 PROPERTIES TURNED BACK ON
August Bill Cycle	9/16/2024	9/16/2024	257	10/4/2024	85	0 SHUT OFFS FOR OCTOBER
September Bill Cycle	10/15/2024	10/17/2024	255	11/8/2024	103	6 SHUT OFFS (4 OCCUPIED) 4 PROPERTIES TURNED BACK ON
October Bill Cycle	11/15/2024	11/19/2024	224	12/9/2024	79	No shut offs for winter
November Bill Cycle						
December Bill Cycle						

Partner Reporting Dashboard

[Back to Partner Select Page](#)

SUEZ (Middletown)

Date Start

2023-11-30

Date End

2024-11-30

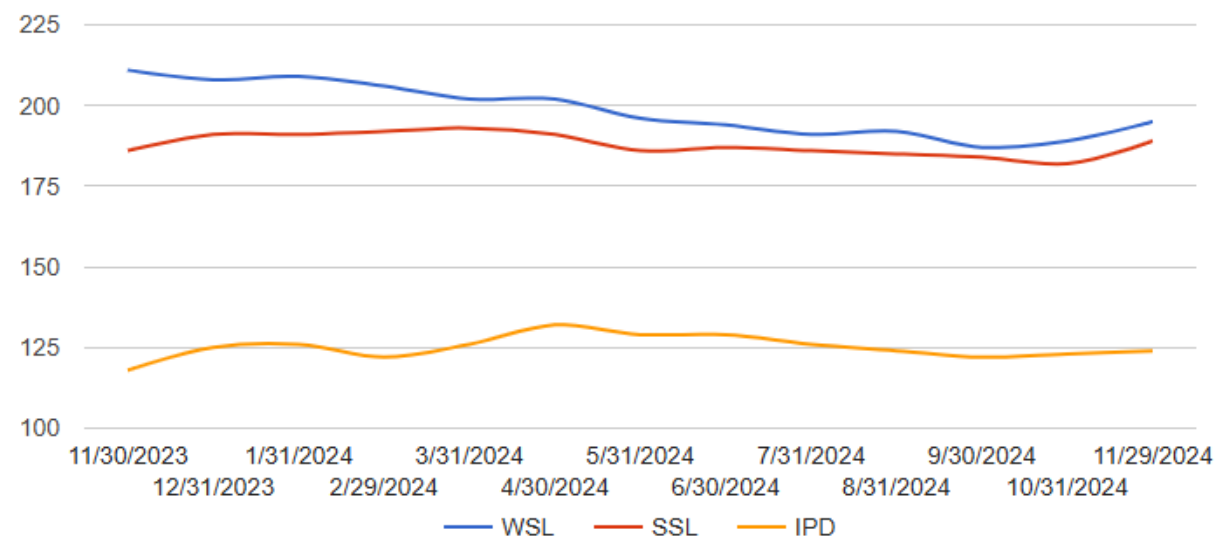
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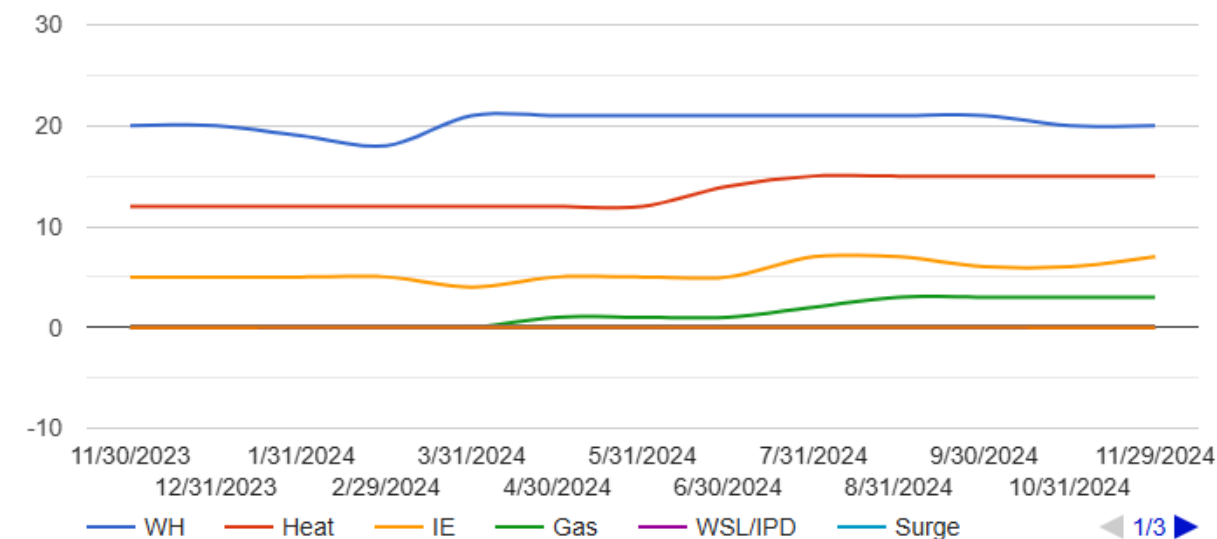
Contracts and Customers



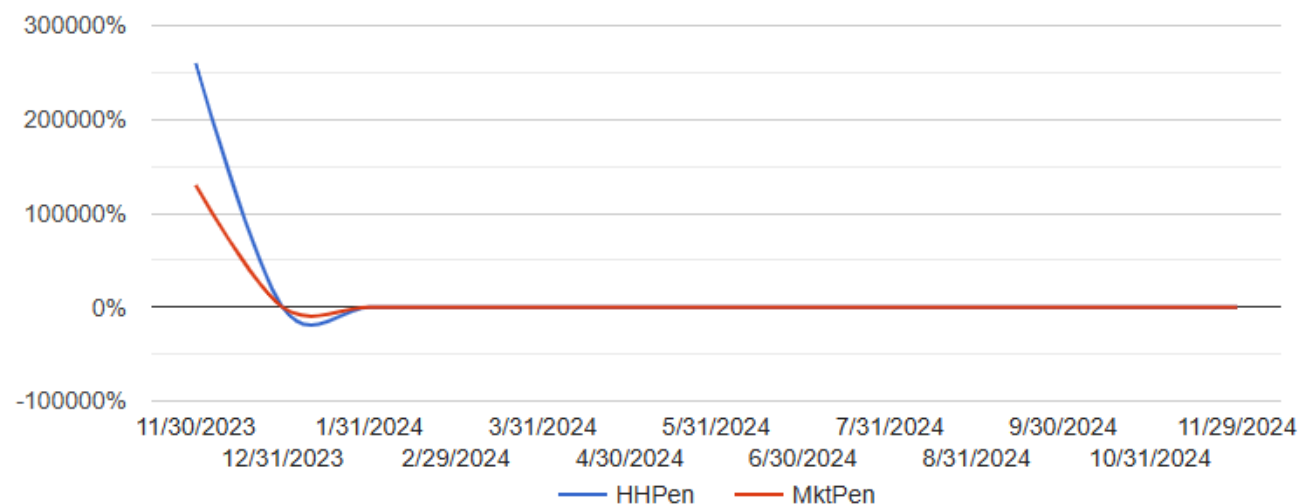
Leading Contracts by Type (Top 3)



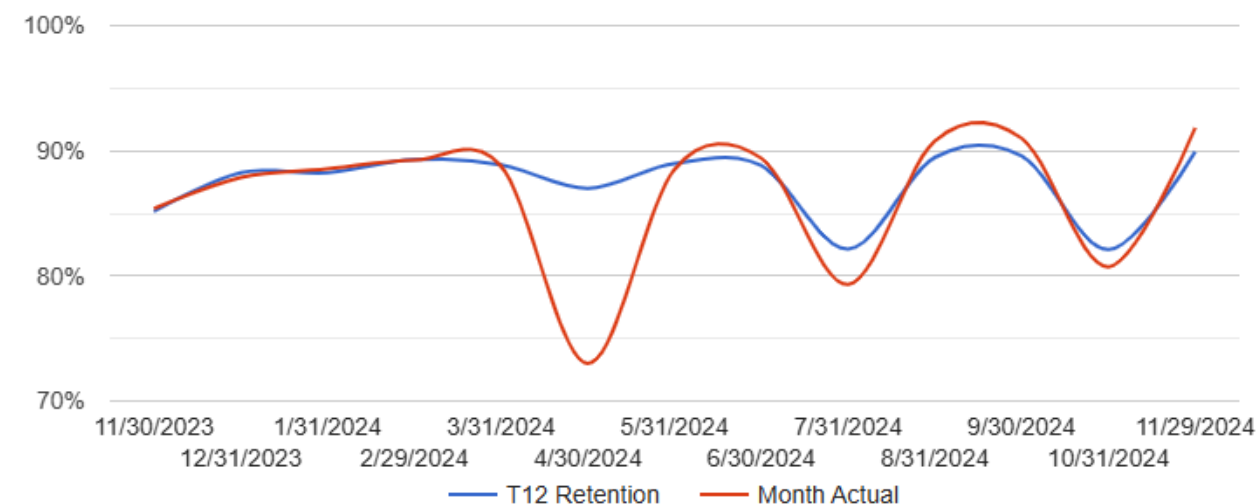
Leading Contracts by Type Other



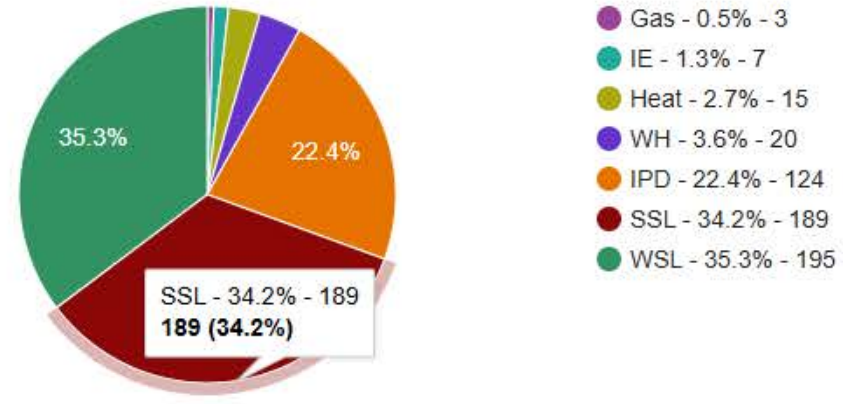
Household Penetration



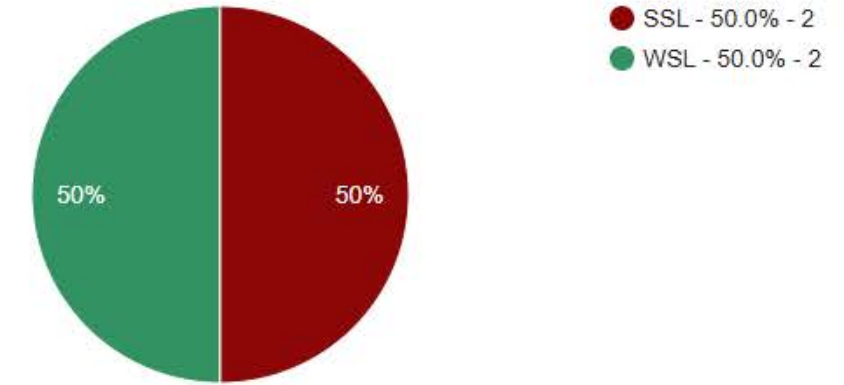
Retention



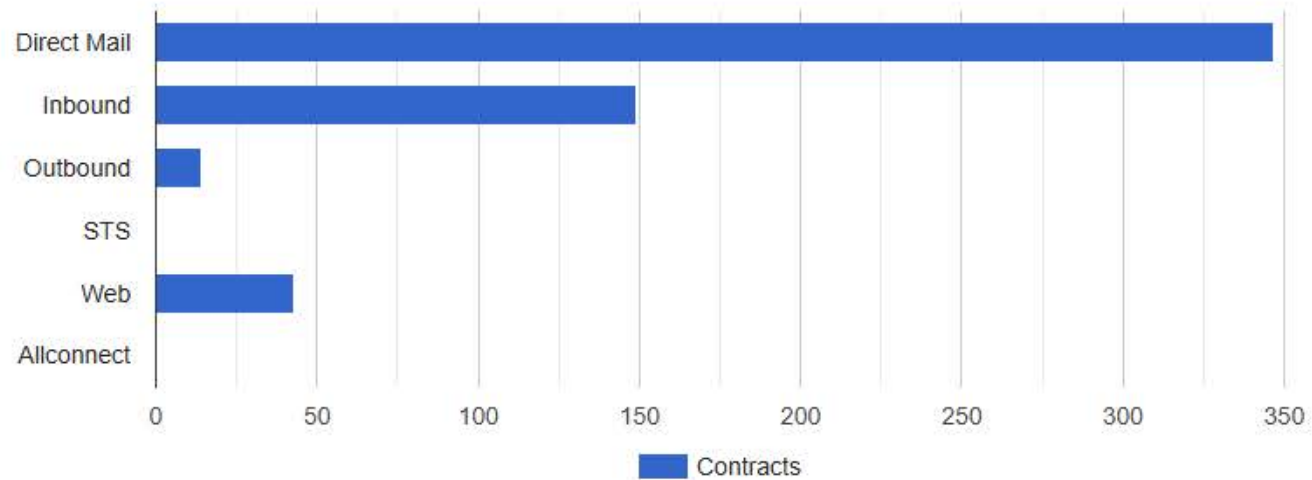
Contracts by Product Type



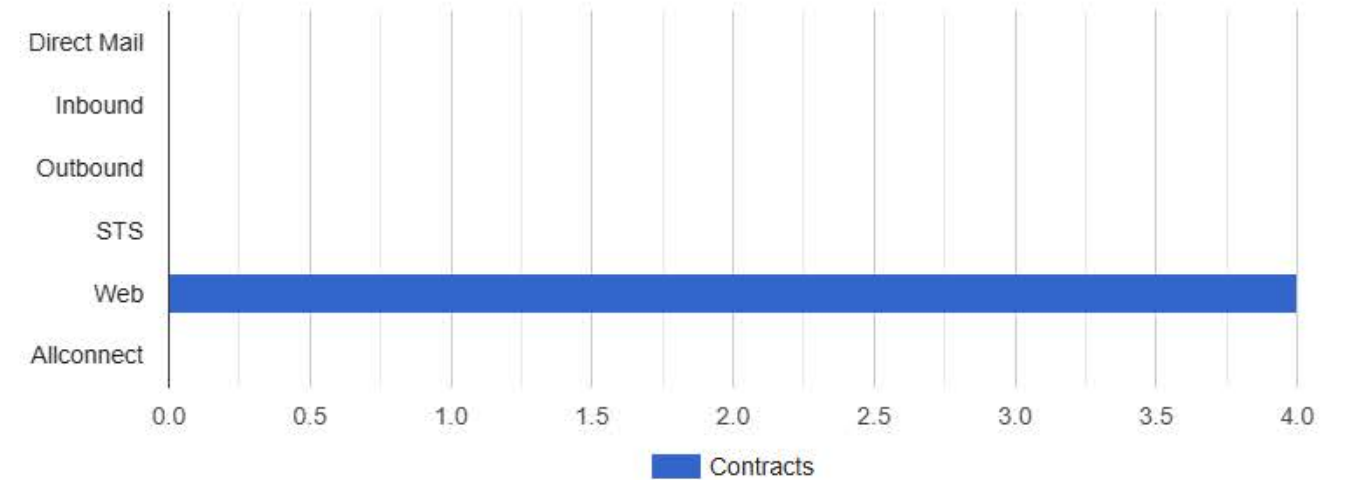
Contracts by Type - Last 30 Days



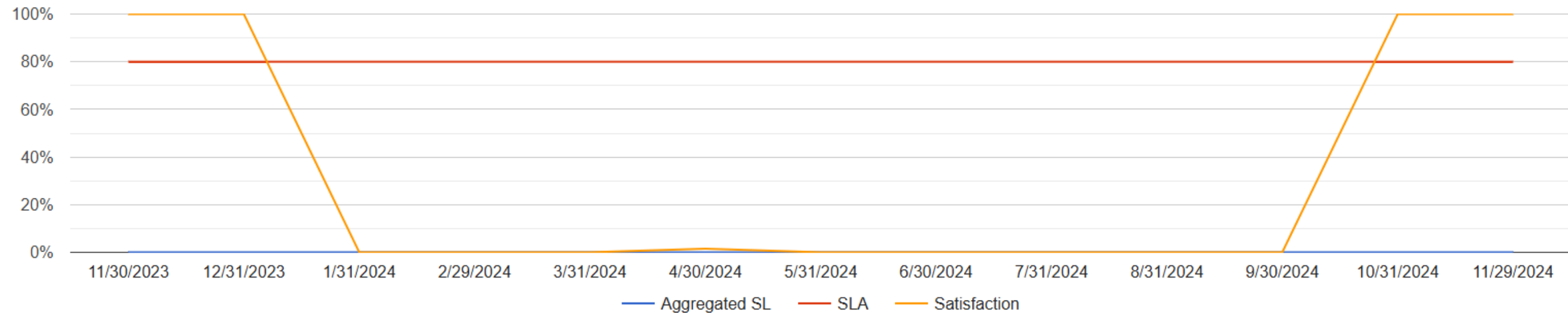
Contracts by Channel



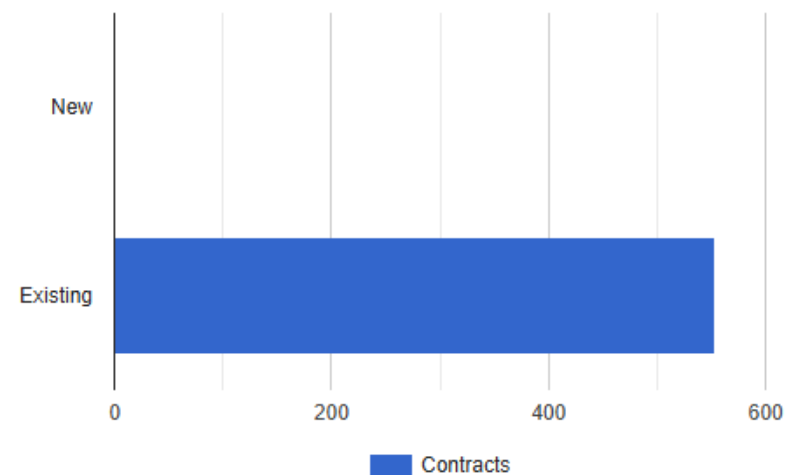
Contracts by Channel - Last 30 Days



Service Levels And Satisfaction



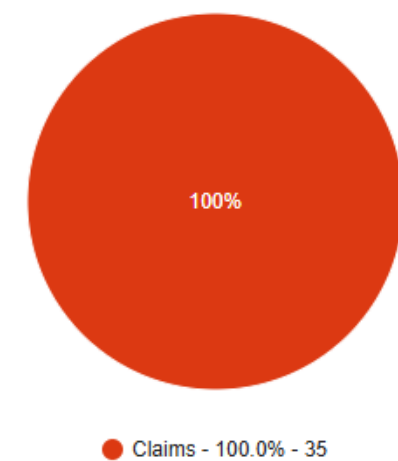
New v. Existing



Rolling Complaints by Type



Complaints vs Claims



APPENDIX 4

WATER MAIN LEAK LOGS

APPENDIX 5

**QUARTERLY METER TEST AND CALIBRATION
REPORTS**

APPENDIX 6