

MIDDLETOWN OPERATING COMMITTEE MEETING

9/28/2022



Middletown Operating Committee Agenda

1. **Opening Remarks**
2. **Review of Minutes**
 - July 26, 2022
3. **Operations Update**
 - Operations Report
 - Chemical Feed Upgrade
4. **Customer Service Update**
 - Meter Replacement and Testing
 - Low Income Household Water Assistance Program
5. **Capital Investment /Engineering Report**
 - 2017/2020 Project
 - 2018/2021 Project
 - 2022 Project
 - Standpipes
6. **CPI Impact on Future Rate Increase**
7. **Royalton Contract Update**
8. **Other Matters**
9. **Next Meeting**
10. **Adjournment**



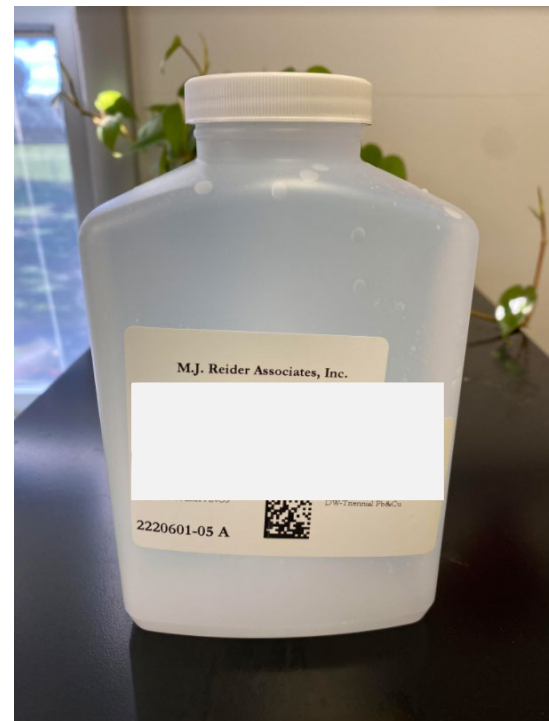
AROUND THE PLANT

■ OPERATIONS

- Completed annual valve turning
- Began annual sewer jetting
- SmartCover maintenance
- Completed triennial lead and copper sampling
- Dauphin County Drought Watch declared by PA DEP
 - Voluntary restriction on nonessential water use as described in the Borough Ordinance No. 918
 - Conduct system wide leak detection and repair leaks- scheduled for early October

■ COVID

- Maintained low threat level
- Continued daily screenings



WATER SYSTEM AND WASTEWATER TREATMENT PLANT MAINTENANCE

Major equipment out of service

System	Equipment	Process Location	Reason for Taking Off Line	Date Returned to Service
Drinking Water	Well Pump	Well 4	Well Pump Failure	Pending PA DEP approval and installation
Drinking Water	Well Pump	Well 3	Well Pump Failure	Pending PA DEP approval and installation
Wastewater	Raw Pump 3	Raw	Seal Failure	8/9
Wastewater	Mixer	Oxidation Ditch 2	Motor Failure	9/13
Wastewater	RAS Pump	RAS Pump 3	Motor Failure	Pending Repair
Vehicle	Vac-Con	WWTP	Pump Failure	Pending Repair

AUGUST AND SEPTEMBER REPAIRS

■ **Water**

- Main Breaks: 0
- Valve Repair: 1
 - Adelia and Main St
- Service Leaks: 2
 - 324 N Union St
 - 160 W Emaus St

■ **Wastewater**

- SSO's: 0
- Sewer Repair: 0
- Smart Cover Alarms: 0



Valve repair at Adelia and Main

324 N Union

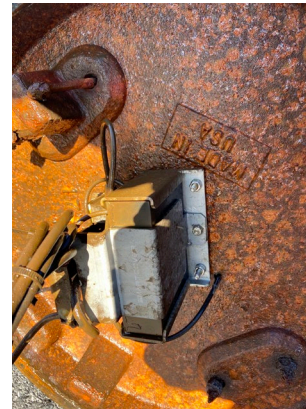
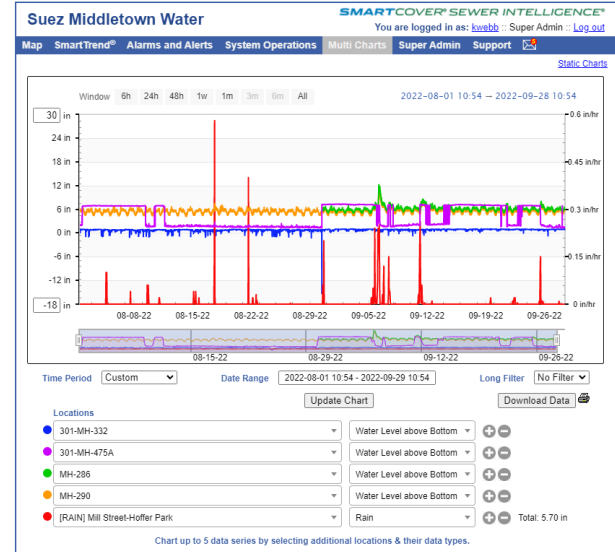
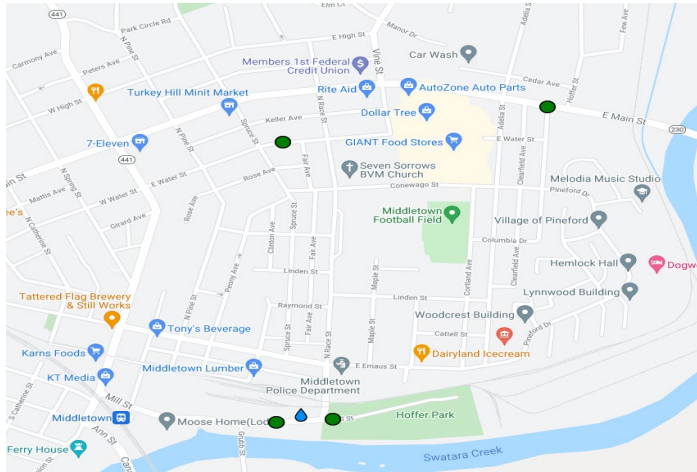


CHEMICAL FEED UPGRADE

- **Received notification from PA DEP on June 25th that the permit application for the fluoride modifications to well #4 were approved.**
- **Completed**
 - Procured all remaining materials and equipment required for modification project at Well 4.
 - Permit applications for the remaining wells have already been prepared, ready for HRG and SUEZ to submit to PA DEP.
 - All permit applications have been approved by PA DEP
- **Next Steps**
 - Install new pump and upgrade chemical feed equipment.
 - Anticipated Q1/Q2 2023
 - Request quotes for completing the upgrades at other wells.
 - Well 2 – needs new PLC on 22 week backorder

SmartCovers

- **SSO Prevention System**
- CCTV Inspections
- SmartCovers
 - Two locations on the interceptor
 - Two additional locations- E. Water St, Main St
- Automatic notification when alarm level is reached
- SmartCover rep engaged for maintenance



CUSTOMER SERVICE

2022 Rate increase 8.3%				
	YTD August-2021		YTD August-2022	
1 Water Revenue	\$ 1,658,978.49		\$ 1,795,424.09	8.22%
2 Sewer Revenue	\$ 2,738,553.19		\$ 2,987,853.22	9.10%
3 Total Revenue	\$ 4,397,531.68		\$ 4,783,277.31	8.77%
4 Royalton Bulk Water Revenue	\$ 91,618.00		\$ 62,324.00	
5 Water Revenue net of Royalton	\$ 1,567,360.49		\$ 1,733,100.09	10.6%
6 Water Consumption	156,639		154,325	-1.5%
7 Sewer Volume	121,750		123,204	1%
8 Royalton Water Consumption	18,211		12,544	-31%
9 Water Consmp. Net of Royalton	138,428		141,780	2.4%

METER REPLACEMENT AND TESTING / LIHWAP

- **Changing out $\frac{3}{4}$ - 2 inch meters**
- **2021**
 - Meters replaced: 266
 - Pass rate after testing: 97.7%
- **2022:**
 - Meters replaced: 21
 - Pass rate after testing: 57%
 - Bulk meter order has not be fulfilled due to supply chain issues
 - Current focus on stopped or problematic meters – low pass rate
- **Low Income Housing Water Assistance Program**
 - Program ends on 10/28/22
 - 21 customer utilized the program



CAPITAL CONSTRUCTION PROJECTS

2017/2020 Underground Infrastructure Replacement

- Project awarded to EK Services
- Replaced approximately 1,100 LF of sewer and approximately 5,500 LF of water main
- Walkthrough completed on July 27
- Project completed

2018/2021 Underground Infrastructure Replacement

- Project was awarded to Wexcon
- Active construction period is anticipated to be 6-7 months
- Preconstruction meeting was held 5/12
- Submittals are being processed by HRG
- Small portion of water main was installed by the turnpike to avoid ripping up freshly paved road
- Construction to begin in January 2023

2022 Underground Infrastructure Replacement

- Veolia and HRG evaluated the condition of water and sanitary systems and recommended the following locations for upgrades:
 - N. Union Street and E. Water Street – Sewer replacement and CIPP lining of 1,299 LF
 - E. Water Street and Keystone Avenue – 2,771 LF of water main replacement with 6" and 8" DIP

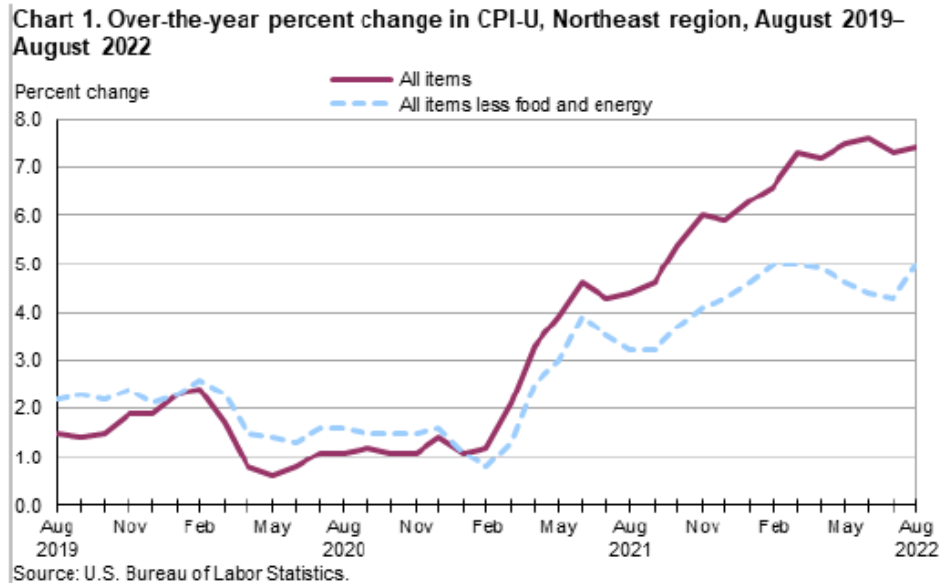
Water Storage Tanks Rehabilitation

- Project was awarded to I.K. Stoltzfus
- All permits have been approved by PA DEP
- High Street tank is the first tank to be painted
- Projected mobilized 9/12, anticipated to be finished in November

CAPITAL CONSTRUCTION PROJECTS



CPI IMPACT ON FUTURE RATE INCREASES



As of August, CPI-U for the Northeast Region was up 7.4% over the prior 12 months. As of June, it was 7.6%. Accordingly, the combined margin change and index change will be 7.6% plus 2.5% producing a rate increase of 10.1% in 2023 before considering any impact from a capital cost recovery charge CCRC. At this point, we estimate that the CCRC will add between 4% and 5%.

LEGISLATIVE UPDATES

Senate Bill 597

- Submit an annual asset management plan to PA DEP for review and approval every three years. Plan to include schedules of planned repairs, estimates of infrastructure to be improved and projected spending.
- Inspection of critical valves in the system to determine accessibility and operating condition
- Operate 33% of fire hydrants in the distribution system annually
- Lead service line removal and replacement plan – both customer and utility sides
- Cross connection and backflow prevention plan
- Set an allowable error rate and testing protocol of water meters as part of asset management plan
- Must establish a cybersecurity program
- Annual notification to customers of compliance with program
- Passed the Senate 27-23 on 6/7/22 after third consideration
- An informational meeting was held on 8/2 with the House Environmental Resources & Energy Committee

COMMUNITY SERVICE

Anticipated community involvement

- Frosty 5K - December 3rd
- MARA – Winter basketball



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THANK YOU

