THE EATONTOWN SEWERAGE AUTHORITY

MAINTENANCE REPORT

Report for October2026 Activities

Easement Clearing and Flow Study

- **Clearing Operations:** We hired Predator Tree Service to clear the easement from Heritage Drive to Clinton Avenue so PS&S can access the lines for our flow study. Because their pricing was so competitive, we expanded the scope and cleared roughly two-thirds of all sewer easements in our collection system.
- **36 to Jeryl Street Easement (MH 340):**
    - Clearing was stopped about halfway to Manhole 340 because the ground is swampy. The equipment got stuck twice, even after two weeks without rain.
    - **Inflow Issues:** Several manhole frames and covers in this section are worn out, have gaps, and sit too low, causing them to submerge completely during heavy rains. We believe this is directly driving the inflow spikes we saw on last month's flow meter data.
    - **Next Steps:** We will try to finish clearing this section once the ground freezes in the winter. Getting equipment back there to replace and raise the manhole frames will be tough, so we may need to lay down crushed stone to build a temporary drivable path from Manhole 340 to 341.
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    - ## 2. Repairs & Lateral Replacements

- **1 Reynolds Drive:** This line had repeated blockages caused by severe root intrusion across multiple sections. Chemical root treatments were no longer enough to keep up with the growth, so it needed a full lateral replacement; The work has been completed.
- **35 Watson Avenue:** The lateral line was excavated and replaced due to heavy root damage.
- **6 Ferncliff Road:** Investigated recurring blockages with a CCTV camera inspection. The pipe has structural damage, holds water, and has no pitch. This location is prioritized for the next full replacement.

3. Inspections & Borough Assistance

- **Pop Up Bagel (Grease Trap Inspection):** Inspected the newly installed grease trap at Pop Up Bagel. The installation meets all Authority rules and regulations, and formal approval was issued.
- **Storm Drain Maintenance (T&M Engineering Support):** Provided mutual-aid jet/vac assistance to support T&M's survey for an upcoming borough road project. Our crew vacuumed and jetted the catch basins at:
  - **74 Reynolds Drive:** 2 inlets
  - **84 Reynolds Drive:** 2 inlets
  - **138 Reynolds Drive:** 1 inlet
  - **Larkspur Drive:** 2 inlets

4. New Equipment & Field Trials

- **Grundfos Level Sense Monitors:**
  - We are testing Grundfos Level Sense units to monitor manhole levels in real time. The sensors send alerts if a line surcharges or backs up, letting us respond before wastewater spills into the street.
  - The system automatically overlays local rain data onto water level trends, making it easy to track inflow and infiltration (I&I) patterns.
  - We installed the first unit at **Manhole 155F** (just before the Clinton easement) and plan to place more across key flow basins to work alongside our flow meters.
- **Ingu Pipers Scan Ball Trial:**
  - We deployed a free-floating Ingu Pipers scan ball (which we reviewed at WEFTEC) into the wet well/bypass chamber at Wampum pump station. The ball traveled through the force main under normal pump pressure to scan internal pipe conditions.
  - The sensor was successfully retrieved, and the data was sent to Ingu for analysis. If the results look good, we plan to use this technology on other force mains.

5. Pump Station Maintenance

- **Wampum Pump Station:**
  - The replacement rotary disconnect switch for Pump #2 arrived.
  - We are scheduled to install it today, bringing Wampum Pump Station back to 100% capacity with both pumps operational.

Monthly Jetting and CCTV inspections records

Street name	Manholes inspected	Linear footage of line
Maxwell	54,53,52,54-A	670 FT

Main street	28, 28-A	115 FT
Mill Street	57, 53	280 FT
Taylor Place	56, 55, 54	462 FT
Violante Court	560, 559	450 FT
High Street	36, 35, 34	752 FT
Maple	43,44,45,46	902 FT
Alexandria court and easement	1097, 1096, 1095, 1095A	803 FT
Richardson Ave	143, 144, 145, 146	904 FT
Kremer Ave	1678, 167, 166, 165, 164, 163	1,316 FT
Total	34	6,654 FT

Routine & Preventive Maintenance Completed

- Completed monthly vehicle inspections on all fleet trucks.
- Advanced the annual grease trap inspection and compliance program (currently in progress).
- Performed routine wet well degreasing and vacuum truck cleaning to remove grease, rags, and floating debris.
- Completed monthly safety inspections and preventative maintenance on standby generators, station utility cranes, and fixed access ladders.
- Conducted twice-weekly routine station inspections, drawdown testing, and maintenance across all pump stations.
- Sustained ongoing Sanitary Sewer Overflow (SSO) prevention initiatives, including targeted root cutting, hydro-jetting, and vacuum cleaning.
- Continued execution of the ongoing manhole and lateral chemical root treatment program.

Safety & Agency Coordination

- **Utility Mark-Outs:** Processed and completed **105 New Jersey One Call** mark-out requests during the reporting period.
- **Safety Training & Drills:** Field staff completed a full confined space class including hands-on confined space entry training and executed a full mock retrieval drill to maintain emergency response readiness.

Overtime calls	**3**
Emergency Mark outs	1
Lateral inspection	0
Pump stations	2
Blockage calls	0

THE EATONTOWN SEWERAGE AUTHORITY

OPERATIONS AND MAINTENANCE DEPARTMENT
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November 5, 2026

Dennis Galvin, P.E., Executive Director
TWO RIVERS WATER RECLAMATION AUTHORITY
One Highland Avenue
Monmouth Beach, New Jersey 07750
(732) 229-8578

RE: N.J.A.C. 7:10A-1.12 duties, records and reports:

(b) Each licensed operator shall immediately report any system deficiencies, breaks, breakdowns, problems, bypasses, pump failures, occurrences, emergencies, complaints and/or intervening factors within the system that result in or necessitate deviation from the routine O&M procedures and any situations that have the potential to affect public health, safety, welfare, or the environment or have the potential to violate any permits, regulations or laws relating to this chapter. All reports shall be made to the owner or permittee of the system to or from which treatment is provided. All violations shall be reported by the owner or permittee, as appropriate, to the Department.

1. Each licensed operator shall submit to the Department, upon request, a report summarizing any event described in (b) above and the remedial action taken.

2. Each Public Wastewater Collection System operator shall submit to the receiving system a monthly report summarizing all the events described in (b) above and the remedial action taken, by the 10th day of the month following each month for which the data is collected.

Dear Mr. Galvin:

I have no events to report for the month of October,2026

Respectfully,

Christopher Muccie,

Superintendent / Safety Coordinator / C2 Licensed Operator # 1023809