

THE EATONTOWN SEWERAGE AUTHORITY



MAINTENANCE REPORT

TO: ESA Board of Directors
Róbert Villeg, *Executive Director*

FROM: Chris Muccie, *Superintendent, Safety Coordinator,*
N.J.D.E.P. C-2 Licensed Operator

DATE: September 4, 2025

Report for August 2025 Activities

Projects and Updates

Circle Pump Station The force main at the Circle Pump Station has operated without incident this month. We successfully resolved a previous clog by utilizing our bypass pump and lifting the check valves to clear the blockage into the wet well. The obstruction was then removed using our vacuum truck. This intervention appears to have resolved the issue, and we continue to monitor pump cycles and pressure gauges. Furthermore, Pump 2 has been repaired following the arrival of necessary parts.

Flow Meter Installation On Tuesday, August 26, 2025, a flow meter was installed at the final manhole before the Two Rivers meter chamber. This new equipment allows us to monitor the flow of the entire collection system, providing essential data on flow rates, surcharges, and velocity. This information is crucial for accurately assessing and understanding the system's inflow and infiltration (I&I).

64 Byrnes Lane Lateral Connection The new residential connection at 64 Byrnes Lane has been approved. The connection involved the installation of a new cleanout and approximately five feet of SDR 35 pipe to an existing ACP lateral line. The existing lateral was inspected via CCTV prior to the connection to ensure it was in good condition. The installation was completed in full compliance with all regulations and has been submitted to the building department for final approval.

Repair and Maintenance Activities

- **Belo Pizzeria Blockage:** A lateral line blockage at Belo Pizzeria was cleared using our jet truck. The cause of the blockage was determined to be a significant accumulation of grease.
- **Laurel Pump Station:** Pump 1 was temporarily removed to clear debris from its impeller.
- **Wet Well Cleaning:** All wet wells were cleaned using our vacuum truck to remove built-up grease and rags. Lift station degreaser was applied to specific wells as needed.
- **Inspections:**
 - Monthly inspections and maintenance of pump station generators, cranes, and fixed ladders.
 - Twice-weekly pump station checks and maintenance.
 - Ongoing inspections of grease traps.
 - Monthly inspections of force mains and vehicles.
 - Monthly activities from the Sanitary Sewer Overflow (SSO) prevention list, including root cutting, grease removal, and vacuuming.

Monthly Jetting and CCTV inspections records

| Street name | Manhole inspections | Linear footage of line |
|----------------|--|------------------------|
| Old Deal Road | 1000,999,998,996A, 996,995A,995,994,1022,1021,880 | 2,000 FT |
| Zachery Way | 1108,1109,1110,1111 | 610FT |
| Theodore Drive | 1107,1106,1105,1104 | 561 FT |
| Total | 19 | 3,171FT |

Coordination with Public Agencies

- We Completed 122 New Jersey One Call mark-outs.
- We have updated and reviewed our written programs for safe lifting, respirator use, and hearing conservation.

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|--------------------------|---|
| Overtime calls | 6 |
| Mark outs | 2 |
| Blockage/ lateral repair | 0 |
| Pump stations | 4 |
| other | 0 |