

THE EATONTOWN SEWERAGE AUTHORITY



MAINTENANCE REPORT

Report for June 2026 Activities

GIS Pilot Program (Old Orchard Basin)

- **24 Redfern Road:** While locating cleanouts for the GIS pilot program in the Old Orchard flow basin, the crew performed a CCTV inspection at 24 Redfern Road.
 - **Defects Found:** The camera revealed a large "belly" in the pipe holding water at over 50% capacity. We also found a couple of badly offset joints and a missing top section of the pipe near the cleanout.
 - **Action Taken:** To fix these structural issues and prevent groundwater from leaking into the system, about 26 feet of pipe was replaced from the cleanout to the mainline. This repair was necessary to prevent a future blockage or collapse.

Developer Inspections

- **Sun Eagles Development:** completed lateral sewer inspections for Building 1100 (addresses 156, 158, 160, and 162).
 - **Status:** All installations meet the Authority's rules and regulations. I sent the formal approval paperwork to the building department.

CCTV Truck Update

- **Equipment Repair:** The CCU1 extension box on the CCTV truck was replaced.
 - **Cost:** The part was fully covered under warranty by Envirosight.
 - **Expected Result:** This replacement should resolve the ongoing video signal dropouts we have been experiencing during field inspections.

Personnel & Safety Training

- **New Hire:** Our new employee, Michael Pope, has started with the Authority. I am personally training him on our daily operational tasks and reviewing our safety programs. We are also in the process of enrolling him in all required safety classes to ensure full compliance.

- **Circle Pump Station Updates**

- **Aeration Unit Demo:** We have been testing a demonstration aeration/defogging unit from Pumping Services Inc. (PSI).
 - **Savings:** This unit works just as well as the Wet Well Wizard unit we have at Country Club pump station, but it costs less than half the price. Based on the successful trial, I plan to purchase the unit.
 - **Bioxide Trial Prep:** PSI was also out at the Circle station to measure the wet well and check the available space. This data allows us to move forward with our upcoming Bioxide trial to treat the hydrogen sulfide (H_2S) issues at this station.

Emergency Blockage Response

- **Cloverdale Main Line:** During a CCTV inspection on Cloverdale, the crew found a manhole backed up and filled with water.
 - **Troubleshooting:** The crew walked downstream, opening consecutive manholes until the blockage was located between manhole #1 and manhole #561.
 - **Resolution:** The blockage was successfully cleared using the jet-vac combo truck. The obstruction was caused by a buildup of heavy grease and excessive baby wipes, all of which were vacuumed out and removed from the line to restore normal flow.

Routine & Preventive Maintenance Completed

- Completed monthly vehicle inspections on all fleet trucks.
- Advanced the annual grease trap inspection and compliance program (currently in progress).
- Exercised all gate valves and emergency bypass valves across all pump stations to ensure operational readiness.
- 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.
- Completed monthly force main corridor walking inspections.
- 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 & Public Agency Coordination

- Completed 175 New Jersey One Call mark-outs.
- personnel attended blood borne pathogens, traffic safety, hearing conservation, and hazard communication classes.
- Updated our hazard communication policy.
- Calibrated our gas meters.

Overtime calls	6
Emergency Mark outs	1
Other	1
Pump stations	4
Blockage calls	0