

THE EATONTOWN SEWERAGE AUTHORITY



MAINTENANCE REPORT

Report for September 2026 Activities

1. Flow Study Support & Easement Clearing

We've been working to support PS&S with the flow study for the Monmouth Mall and Liberty Pointe developments. To make sure our system can handle the added capacity, we needed to get clear access to every easement manhole from Heritage Road out to our 27-inch main interceptor.

- **Easement Clearing:** The Initial clearing quote came back way too high (Downes Tree Service). To save money, our crew teamed up with Borough Public Works to clear trees off Clinton Avenue, then we cleared the heavy brush and small trees ourselves behind South Street, Grant Avenue, Route 36, and Richardson Avenue. All manholes in those stretches are accessible now. I'm meeting with Predator Tree to handle the remaining heavy clearing at a reasonable rate, and I'll ask the Borough for help with the smaller sections to keep costs down.
- **Pipe Measurement:** Maps don't reflect past lining work and pipe replacements, so we'll be doing confined space entries to physically measure the pipes and get exact sizes for our engineers.
- **Traffic Control:** For manholes on Route 35, Route 36, and Wyckoff Road, state and county rules require certified traffic control plans and permits. I am currently getting competitive quotes from traffic control companies to satisfy public purchasing rules and get us the best price.

2. SewerAI Update

Following our purchase of SewerAI, we held a kickoff meeting to map out how we'll use the system day-to-day.

- Onboarding and staff training was held on Friday at 9:00 AM.

- We have another meeting scheduled for 11/3 which is a Run through Risk & Rehab/Asset Management with the data we collected so far from the pilot project.
- We're working with Colliers to integrate the software with our ArcGIS mapping.
- We are also in the process of transferring our old WinCan CCTV video files over to the SewerAI platform.

3. Disconnection Inspection – 131B Lewis Street (Borough Public Works)

I inspected the sewer disconnection at the old Borough Public Works employee breakroom prior to its demolition. The capping work met all authority rules and regulations, and formal sign-off was sent to the building department.

4. Maxwell Pump Station

The new replacement pump for Maxwell station arrived and was installed. With two new pumps, new floats, and a new transducer, the station is now updated and running smoothly.

5. Lateral Replacement – 35 Watson Place

The lateral at 35 Watson Place has a long history of root intrusion and blockages. It was previously on our root maintenance program, but the pipe is too old and damaged for ongoing root treatments and root cutting to be worthwhile. Full replacement of the lateral line is required. The replacement is scheduled for next week.

6. Main Line Blockage & Investigation – 25 Maxwell Place

After responding to two recent blockages near 25 Maxwell Place, we ran a CCTV camera down the line. The main line and lateral are in good structural shape, but the blockages were caused by pieces of a synthetic wig flushed down the toilet. The material was also caught in our pump impellers at Maxwell, causing extra wear on the pumps. I spoke directly with the homeowner to explain that only toilet paper can be flushed.

7. Deep Woods Pump Station Rebuild – Proposed Change Order

As we continue ordering components for the Deep Woods station rebuild, I'm proposing a change order for two items:

1. **Aeration System:** Adding a wet well aeration unit to break up grease buildup and cut down on routine maintenance.
2. **Control Panel Standardization:** Upgrading the control panel quote from Pumping Services (PSI). The original panel was similar to our specifications but lacked the

expanded I/O (inputs/outputs) we will have at Eaton Crest and Avenue of Memories pump stations. Updating this will keep our panels and telemetry consistent across stations.

8. Maxwell Force Main Relocation (NJ American Water)

NJAW accepted our conditions for relocating a section of our 4" force main to clear their 24" water main project. Submittals are approved, and we are waiting on a start date from their team.

9. Vehicle Maintenance – Truck 31

Truck # 31 had a leak in the EVAP system. The fuel evaporative canister was replaced along with the front and rear brake pads and rotors.

10. Equipment Failure – Wampum Pump Station

The rotary disconnect switch on Pump #2 at Wampum blew out. Because of the station's age, finding a matching replacement was difficult, but I located one and placed the order. The part is on backorder until the end of the month, and we will install it as soon as it arrives.

11. Service Call – 35 Locust Avenue

We responded to a backup call at 35 Locust Avenue. The main line was clear, and the blockage was located on the private side of the lateral, upstream of our cleanout. The homeowner has since replaced their private lateral up to the cleanout to fix the problem.

12. Pump Clog – Country Club Pump Station

Pump #2 at Country Club tripped after rags jammed the impeller. The crew pulled the pump, cleared the rag ball, and cleaned the well and floats before putting it back online.

We'll keep a close eye on it since these pumps are getting older. That said, buying a new replacement pump right now doesn't make financial sense. We eventually plan to overhaul this station and switch from the current dry-well ABS pumps over to Flygt submersibles, so we'd rather not sink money into matching an outdated setup when a full upgrade is down the road.

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.
- Completed 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

- **Utility Mark-Outs:** Completed 114 New Jersey One Call mark-out requests.
- **Safety Policy Updates:** Reviewed and updated authority safety policies for Fleet Safety, Jetting/Vacuum Operations, Fall Protection, Work Zone Traffic Safety & Flagger Protocols, and Crane & Hoist Safety. Completed lock out tag out periodic inspections.

Overtime calls	0
Emergency Mark outs	0
Lateral inspection	0
Pump stations	0
Blockage calls	0