

# THE EATONTOWN SEWERAGE AUTHORITY



## MAINTENANCE REPORT

TO: ESA Board of Directors  
Robert Villee., *Executive Director*

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

DATE: July 3, 2025

### Report for June 2025 Activities

#### *Major Items:*

- **Lateral Line Replacement** - 11 Farm Lane: Responded to a overtime call regarding a blockage at 11 Farm Lane. CCTV inspection confirmed a pipe collapse at the wye connection, accompanied by significant root intrusion throughout the lateral line. Due to the lateral proximity (approximately two feet) to a large tree and the extensive root damage, a full replacement of the line from the cleanout to the main was necessary. Roots surrounding the pipe were also removed.
- **Eatontown Paving Project - CCTV Inspections:** We were requested to conduct CCTV inspections on sewer lines within the Eatontown paving project area, specifically on Emma Place, Bernard Street, Jeryl Street, Heritage Drive, Todd Drive, Turner Street, and Whale Pond Road.
  - **Heritage Drive:** Inspections on Heritage Drive revealed a significant belly in the line leading into Manhole 183, which showed the pipe at 80% capacity at the beginning of the line. We are awaiting delivery of remote plugging equipment to conduct further inspection of this line.
  - **Manhole 184B:** A sharp drop was observed at Manhole 184B, leading to the separation of solids due to increased velocity. This condition is contributing to the generation of hydrogen sulfide (H<sub>2</sub>S), and the manhole structure is exhibiting signs of wear.
  - **Liner Concerns:** Concerns regarding the liner on Heritage Drive were also noted.
  - CCTV work for this project is scheduled for completion next week. I will have a more complete breakdown of all areas at next month's meeting.

- **Facility Inspection:** Dan from JMT conducted a comprehensive inspection of our facility, specifically addressing a large crack in the wall and performing a general assessment of the entire building. We are currently awaiting his detailed report and recommendations for necessary remediation.

- **Circle Pump Station - Pump 2 Failure:** Pump 2 at the Circle Pump Station experienced frequent clogging and ceased pumping effectively. Upon removal for maintenance, oil was discovered in the stator housing, indicating a failure of the upper mechanical seal. Further inspection revealed a worn impeller and signs of wear on both bearings. The motor itself was determined to be in good condition. The pump is in the process of being repaired.

- **New Connection Inspection - 125 Grant Avenue:** A new connection inspection was performed at 125 Grant Avenue. The connection was found to be in full compliance with our rules and regulations.

### *Repair and maintenance Activities*

- **Circle Pump Station:** Removed Pump 1 and Pump 2 to clear debris from their impellers.
- **Vehicle Maintenance:** Completed oil and oil filter change for Truck #33.
- **Industrial Way Pump Station:** Replaced the cable at the Industrial Way Pump Station.

## Monthly Jetting and CCTV inspections records

Street name	Manhole numbers	Linear footage of line
Emma	490,489,633,488,487,486,485,485 343,664,665,666,667	2,383.5 FT
Todd	633,634	298.3 FT
Bernard	356, 355, 354, 353, 352,360, 361, 382	1,564 FT
Turner	357, 356, 358, 359	646 FT
Heritage	186, 185, 184B, 184 A,187, 184, 183, 183.1	1,038 FT
Jeryl	352, 351, 350, 349, 348, 347, 345, 344	1,770 FT
Mindy	916, 917, 918	524 FT
Total	46	8,223.8 FT

### ***Coordination with the Public Agencies:***

- Completed 137 New Jersey One Call mark-outs.
- Submitted the Right-to-Know list to the state and completed an inventory of all products, verifying that all safety data sheets (SDS) were on file.

<b>Overtime calls</b>	<b>6</b>
Mark outs	2
Blockage/ lateral repair	1
Pump stations	3
other	0

### **Fuel usage sheet**

Included with report.

