

# 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: August 7, 2025

### Report for July 2025 Activities

#### ***Major Items:***

#### **Eatontown Paving Project - CCTV Inspections**

The CCTV inspections for the paving project have been completed. Heritage Road has been removed from the paving list. All other sections were found to be in satisfactory condition except a couple of small very minor offset joints on Jeryl and one on Bernards. The town has been notified and can proceed with the project. We are still waiting for the remote plugging equipment to complete the CCTV inspection for Heritage Road.

#### **Circle Pump Station Update**

We're continuing to experience issues at the Circle Pump Station. A rental pump has been installed as there is a back log for the new parts to repair pump #2. The station keeps triggering high-water alarms. Upon inspection, the station's pumps appear unable to keep up with the flow. When we use our more powerful 25 HP bypass pump, the well can be pumped down effectively. After this, the station's pumps work fine for about 10-12 hours before they start to struggle again.

It is believed that a clog or obstruction in the force main is the cause. Pressure gauges were installed to monitor the force main. The next step is to inspect the force main with specialized equipment to scan for structural issues and blockages. I will provide a more detailed update at the next meeting.

## **Park Avenue Main Line**

During a routine CCTV inspection of the main line on Park Avenue (from Manholes 330 to 350A), several holes were discovered in the pipe. Steps are currently underway to address this issue.

## **Wampum Pump Station Easement**

A CCTV inspection of the lines leading into the Wampum Pump Station revealed that the pipe liner is beginning to fail. Between Manholes 20 and 23A, there is a large belly in the line, causing it to run at almost full capacity. Manhole 23A is also at full capacity. This area is a known trouble spot that requires jetting every two months to prevent backups. These lines are critical to our system as they carry flow from the Crystal Inn and Country Club pump stations.

## **Old Orchard Pump Station**

The inlet manhole for the Old Orchard Pump Station has been raised, and the concrete has been redone to eliminate a pitch toward the manhole, which was causing water buildup at the station.

## **Repair and Maintenance Activities**

The following repair and maintenance activities were performed:

- **Circle Pump Station:** Pump 1 was removed to clear debris from its impeller.
- **Wet Wells:** All wet wells were vacuumed and cleaned with our vac truck to remove built-up grease and rags. Lift station degreaser was added to wells that needed it.
- **Inspections:**
  - Monthly pump station generator inspections/maintenance.
  - Monthly crane and fixed ladder inspections.
  - Ongoing grease trap inspections.
  - Twice-weekly pump station checks and maintenance.
  - Monthly truck inspections and maintenance.
  - Monthly force main inspections.
  - Monthly SSO prevention list activities (grease, root cutter, and vacuum).

## Monthly Jetting and CCTV inspections records

| Street name                 | Manhole inspections   | Linear footage of line |
|-----------------------------|---|------------------------|
| Whale pond                  | 932,934,933,835,834,833,877,876,869,865,867,868,866,879,862 | 2,366 FT               |
| west                        | 27,26,25  | 320 FT                 |
| Lake Drive/ Wampum Easement | 17,19,20,21,23A   | 320 FT                 |
| Second Ave                  | 267,330,264,262   | 980 FT                 |
| Villa                       | 263,261,274,275   | 762 FT                 |
| Irving                      | 265,264,266,273,272   | 800FT                  |
| Park                        | 259,350A,331  | 460FT                  |
| 1 <sup>st</sup> Street      | 271,269,273,274,275   | 1250FT                 |
| Watson                      | 269,270,268,267   | 430FT                  |
| Total                       | 45  | 7,688FT                |

### Coordination with Public Agencies

- Completed 158 New Jersey One Call mark-outs.
- Created new written programs for safe lifting, respirator use, and hearing conservation.

|                          |   |
|--------------------------|---|
| Overtime calls           | 8 |
| Mark outs                | 4 |
| Blockage/ lateral repair | 0 |
| Pump stations            | 3 |
| other                    | 1 |

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MAINTENANCE DEPARTMENT  
103 Throckmorton AVE, EATONTOWN, NEW JERSEY 07724  
PHONE: (732) 803-6682 EMAIL: CMuccie@theesa.org  
theesa.org

August 7, 2025

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 July, 2025

Respectfully,

*Christopher Muccie,*

Superintendent / Safety Coordinator / C2 Licensed Operator # 1023809  
HLV/letters/TRWRA

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## 2025

[illegible]

**\* Please fill the Vac-Con Truck #34 when the fuel level is below a 1/4 tank!!!**