

## **E.S.A Maintenance Report**

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

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

DATE: January 9, 2025

### **Report for December 2024 Activities**

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

- The new Enviro sight TV Van has been delivered . We are scheduled to have a full training session on Tuesday .
- Once we are fully trained on the TV Van we will prioritize video inspecting all incoming lines to Old orchard , circle , and maxwell pump stations . These are the pump stations that go into high water alarms with heavy rain . We will also use the lateral launch system to locate and inspect laterals with prior high blockage rates and past root issues .
- CSL Has completed the flow study and removed the flow meters on Clifford Road manhole # 95 B and Wyckoff Road manhole # 303 . the Flow studies are for Surrey Equities for the residential housing on old Orchard golf course .
- We used our new Tv push camera to view the suction line on pump 2 at country club pump station. The gate valve is completely clogged and the gate valve is damaged . I ordered a new gate valve for installation . We will have to plug the wet well and by pass from the next upstream manhole . I am currently waiting on another 50 foot discharge hose to arrive so we can reach the bypass chamber from the upstream manhole before we can complete this job.
- Our dump truck still has not been fixed , they are still waiting on parts to be delivered. The truck has been out of service for 3 months and its been an issue . I have been calling almost every week for updates and they seem to be taking their time .

- Burlington coat Factory completed the installation of a new 6 inch service line that connects to our easement in the parking lot . The approval has been written up and sent to the building department .
- The new pump has been delivered and installed at Lewis pump station .
- Version connect installed GPS tracking on the New maintenance truck in early December .The new tv van GPS is scheduled to be installed next week . They are also removing the GPS in the old TV van .
- The exhaust fan belt at industrial pump station has been replaced .
- T & M is putting together a proposal to update our maps and then update our GIS system .
- We are making progress on annual grease /oil/sand interceptor inspections . Out of the 105 we have completed 95 of them .
- Rob and I will be working together to come up with a plan to address the wear and tear at our pump stations.
- I have a meeting with our landscaping contractor to add an easement that runs from Weston to Rutland to our list . I will also be going through with the contractor every easement they cut to make sure they are not missing any .

### ***Activities***

- Limble report available upon request

### ***Items and classes Needed:***

- New cellular Scada system for pump stations to allow for online access to pump station issues.
- Updated completed GIS mapping system.
- New updated maps
- Flow meters
- Force main scan ball

- Another work truck. I would like to park the dump truck and only use it for hauling pump station debris and plowing snow due to the age and condition of the truck .
- Nassco Pipe inspection certification class
- Nassco Pipe lining inspection certification class

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

- New Jersey One Call System Mark outs (72)
- *Complaint Memorandum: ( Overtime reports)(6)*
  
- *Report # 111 92 NJ 36 Installation inspection of a new 6 inch line*
- *Report # 112 372 Broad St. Emergency gravity main line repair*
- *Report # 113 Emergency Mark out 340 Broad St.*
- *Report # 114 Emergency Mark out 95 Richardson Ave*
- *Report # 115 Crystal pump station channel 9 generator fail*
- *report # 116 Emergency Mark out 121 Malibu Drive*

### **Fuel usage sheet**

Included with report.