

## **E.S.A Maintenance Report for August 2023**

TO: ESA Board of Directors / Theodore F. Lewis, Jr., *Executive Director*  
FROM: Herb Volner, *Superintendent, Safety Coord, N.J.D.E.P. C-2 Licensed Operator*  
DATE: September 1, 2023

### **A. Current Month Activities:**

- A1 - Worked on 2023 ESA pumping station preventive maintenance.
- A2 - Pumping Stations; cycled valves at all pump station bypass chambers.
- A3 - Monthly generator and crane inspections.
- A4 - Vacuumed and washed down wet wells at Country Club, Circle, Old Deal and Laurel Gardens pump stations.
- A5 - Inspected easements for landscape maintenance, and manholes for proper flow.
- A6 – Monitored work being performed on Fort Monmouth along E.S.A. easement.
- A7 – Housekeeping at pump stations.
- A8 – Monitored Martelli group progress on Sun Eagles Golf Course.
- A9 – Greased and inspected truck #34 ( VAC-CON)
- A10 – Installed new check valve on pump #1 at Laurel gardens pump station.
- A11 – Monthly Fire extinguisher inspection and Eye wash maintenance.
- A12 – Finished reprogramming Raco alarm systems.
- A13 – Pulled #1 pump at Maxwell pump station and removed debris from impeller.
- A14 – Replaced battery in Old Orchard generator.
- A15 – Replaced alarm dialer at Wampum pump station and reprogramed.
- A16 – Pulled #2 pump at Circle pump station and removed debris from impeller.
- A17 – Pulled #1 pump at Wampum pump station to inspect.
- A18 – Webinar Confined space training August 18 7:30 – 10:30
- A19 – Set up bypass pump at Old Deal pump station for pump guide rail installation, Municipal maintenance installed new guide rails. And broke down bypass equipment and returned pump station back to normal operation.
- A20 – annual generator service at pump stations (oil and filter change and inspection).
- A21 – Replaced lead pump float at Deep Woods pump station.

### **B. Ongoing Activities:**

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

C1 - New Jersey One Call System Mark outs – ISite NextGen Ticket Check (82)

C2 - *Complaint memorandum:*

*Report # 35 100 Grant Ave. house stoppage theirs.*

*Report # 36 Circle pump station pump#2 fail.*

*Report # 37 Emergency mark-out*

*Report # 38 Emergency mark-out*

*Report #39 Old Deal pump station.*

### **D: Scheduled Monthly & Quarterly Activities:**

D1 - Daily polling sessions of the Verbatim SCADA system at the Circle, County Club, Crystal Inn, Eaton Crest, Industrial Way, Laurel Gardens, Lewis Street and Maxwell Road pumping stations.

D2 - On Mondays & Thursdays, performed pumping station checks & wet well basket cleaning.

D3 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.

D4 - Monthly Fire extinguisher inspections.

D5 - Driver Vehicle Inspection Reports; completed the reports for ESA vehicles operated daily as required by the NJDOT federal motor carrier safety regulations.

D8 - Fuel:

a. Truck #30 – (47.8) gallons of gasoline

b. Truck #31 – (86.8) gallons of gasoline

c. TV Van #32 – (0) gallons of diesel

d. Diesel Trailer Tank – (0) (*Kubota backhoe #33*) (*Pumping Station diesel generators*)

e. Vac-Con Truck #34 – (45) gallons of diesel

*Cc: Stephen Schreiber T and M associates.*

*Ruchit Patel T and M associates*