

E.S.A Maintenance Report for May 2022

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: June 1, 2022

A. Current Month Activities:

- A1 - Worked on 2022 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, Crystal, Old Orchard, Deep woods, Eaton Crest, Lewis, Maxwell, and Brook Wood 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 – Removed leaves from pump stations.
- A9 – Monitored Martelli group progress on Sun Eagles Golf Course.
- A10 – Greased and inspected truck #34 (VAC-CON)
- A11 – Pulled pump #1 at Lewis St pump station and removed debris from impeller. (4X)
- A12 – Pulled pump #1 at Circle pump station and removed debris from impeller. (3X)
- A13 – Removed Pump #1 from Lewis St pump station and delivered it to municipal maintenance for rebuild.
- A14 – Pulled pump #1 at Maxwell pump station and removed debris from impeller.
- A15 – Cleaned main line at Kiddie Academy on Clinton Ave. m/h 157-m/h109C 213ft of 8in acp (lined).
- A16 – Replaced faulty Block heater on generator at Old Deal pump station.
- A17 – Removed trees from Brook at garage that were damming water flow.

B. Ongoing Activities:

C: Coordination with the Public & other Agencies:

C1 - New Jersey One Call System Mark outs – ISite NextGen Ticket Check (111)

C2 - *Complaint memorandum:*

Report # 37 40 Locust Ave. House stoppage Home owner side.

Report # 38 Lewis St pump station. #1 pump tripped and plugged with debris

Report # 39 37 Pearce Ave. House stoppage Home owner side.

Report # 40 Lewis St. pump station #1 pump tripped and plugged with debris.

Report # 41 Lewis St. pump station #1 pump tripped and plugged with debris.

Report # 42 Lewis St. pump station #1 pump tripped and plugged with debris

Report # 43 Circle pump station #1 pump tripped and plugged with debris.

Report # 44 Circle pump station pump station over run with high flow most likely from a stoppage breaking free.

Report # 45 Circle pump station #1 pump tripped and plugged with debris.

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 – (89.7) gallons of gasoline

b. Truck #31 – (105.5) 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 – (100) gallons of diesel

Cc: Stephen Schreiber t and m associates.