

E.S.A Maintenance Report for August 2018

TO: ESA Board of Directors / Theodore F. Lewis, Jr., *Executive Director*
FROM: Richard W. Johnson, Jr., *Superintendent, Safety Coord, N.J.D.E.P. C-3 Licensed Operator*
DATE: September 6, 2018

A. Current Month Activities:

- A1 - Worked on the 2018 ESA pumping station prevent maintenance program.
- A2 - Old Deal Road Pumping Station; Municipal Maintenance tested pump #2, megged bad, MMC took the pump for rebuilding.
- A3 - Brookwood Pumping Station; Municipal Maintenance checked the pump control panel, found a bad pump relay, MMC will order a new part.
- A4 - Lewis Street Pumping Station; re-installed pump #2 that was rebuilt by Pilot Electric in Neptune.
- A5 - Re-adjusted the generator voltage regulator after an overvoltage alarm at the Deepwood pump station.
- A6 - Vac-Con Truck #34; vacuumed the Old Deal Road, Circle, Laurel Gardens, Eaton Crest, Lewis Street, Country Club and Wampum Park pumping stations.
- A7 - Circle Pumping Station; repaired the alarm line bib connection for the RACO SCADA system.
- A8 - Monmouth County Reclamation Center, Tinton Falls, New Jersey; disposed of 2.64 tons of ID: 13X grit, grease and basket screenings.
- A9 - Lewis Street Pumping Station; installed a new NAPA battery for the onsite emergency generator.
- A10 - Maintenance Garage; worked on the ESA work clothes dryer machine, cycle timer stopped working.

B. Ongoing Activities:

- B1 - Old Orchard Pumping Station; discovered a hole and cracks in the bottom of the wetwell. Recorded pictures and sent them to Christine Ballard P.E. for review.

C: Coordination with the Public & other Agencies:

- C1 - New Jersey One Call System Markouts – iSite NextGen Ticket Check (79)
- C2 - Eatontown Borough Hall; vacuumed the sanitary sewer injector pump in the basement with the Vac-Con Truck #34 for Ken Brand, Building Maintenance Supervisor.
- C3 - Complaint Memorandums:
 - a. 2018 ESA Report #42 on 8/8 @ 5:36 am – Maxwell Road Pumping Station
 - b. 2018 ESA Report #43 on 8/12 @ 4:05 pm – Lewis Street Pumping Station
 - c. 2018 ESA Report #44 on 8/20 @ 9:33 am – 99 Oak Lane
 - d. 2018 ESA Report #45 on 8/28 @ 9:09 am – 2 Windsor Drive

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 & wetwell basket cleaning.
- D3 - Weekly recordings of the sanitary sewer flow meter readings at the Industrial Way & Lewis Street pumping stations.
- D4 - On 8/24/2018 completed the ESA pumping station on-site diesel & natural gas generator program.
- D5 - On 8/24/2018 completed the ESA pumping station non-human moving wetwell crane inspections.
- D6 - On 8/1/18; completed the In-House monthly fire extinguisher inspections at the Garage.
- D7 - On 9/4/18; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (5.85 MG) and Lewis Street (1.65 MG) pumping stations. August Rainfall (4.43")
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Driver Vehicle Inspection Reports; completed the reports for ESA vehicles operated daily as required by the NJDOT federal motor carrier safety regulations.
- D9 - Fuel:
 - a. Truck #30 – (55) gallons of gasoline
 - b. Truck #31 – (91) 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 – (54) gallons of diesel

Cc: Christine A. Ballard, Vice President, P.E., T&M Associates