

## **E.S.A Maintenance Report for September 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: October 4, 2018

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

- A1 - Worked on the 2018 ESA pumping station prevent maintenance program.
- A2 - Truck #31 & TV Van #32; changed the engine oil and filters, greased the chassis.
- A3 - Vac-Con Truck #34; Installed a new air pod right side brake unit, and recharged the air conditioning system.
- A4 - Industrial Way Pumping Station; removed the wasp nest in the electric meter for the JCP&L meter reader.
- A5 - Vac-Con Truck #34; installed a new starter switch and a re-built starter for the pony motor that runs the hydraulics.
- A6 - Maintenance Garage Washroom; installed a new Roper dryer from Lowe's for the washing of the ESA uniforms.
- A7 - Vacuumed the wetwells and cleaned the pump control floats at the Eaton Crest, Maxwell Road and Country Club pumping stations.
- A8 - Truck #31; installed a new starter battery.
- A9 - Eaton Crest Pumping Station; installed a new electrical outlet, engine block heater and NAPA a battery maintainer.
- A10 - Old Deal Road Pumping Station; installed a new wetwell fresh air exhaust fan.

### **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 (78)
- C2 - Old Deal Road Pumping Station; Municipal Maintenance reinstalled the #2 pump that they rebuilt.
- C3 - Complaint Memorandums:
  - a. 2018 ESA Report #46 on 9/7 @ 3:16 pm – 10 Monmouth Road
  - b. 2018 ESA Report #47 on 9/11 @ 6:34 pm – 24 Elizabeth Parkway
  - c. 2018 ESA Report #48 on 9/12 @ 8:59 am – 11 Pearce Avenue
  - d. 2018 ESA Report #49 on 9/13 @ 8:15 pm – 158-162 State Highway Route #35

- e. 2018 ESA Report #50 on 9/15 @ 11:40 am – 12 Violante Court
- f. 2018 ESA Report #51 on 9/19 @ 6:09 pm – 10 Cedar Street
- g. 2018 ESA Report #52 on 9/29 @ 9:27 pm – Old Deal Road Pumping Station

- C4 - 269 South Street, Block 1401, Lot 23, ESA Account #670; Ken Brand disconnected the sanitary sewer lateral at the curb area for a house demolition.
- C5 - DYNAMIC ENGINEERING CONSULTANTS, PC, Rana Mahmud, Assistant Design Engineer  
“Will Serve Letter” for 6 Industrial Way East, Block 3901, Lot 41 (Sheraton Hotel)

***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 9/20/2018 completed the ESA pumping station on-site diesel & natural gas generator program.
- D5 - On 9/20/2018 completed the ESA pumping station non-human moving wetwell crane inspections.
- D6 - On 9/4/18; completed the In-House monthly fire extinguisher inspections at the Garage.
- D7 - On 10/4/18; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (5.503 MG) and Lewis Street (2.396 MG) pumping stations. August Rainfall (5.52”)
- 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.
- D10 - A quarterly safety committee meeting was held for the maintenance personnel. It was held at the maintenance garage on Friday, September 28, 2018 from 2:30 pm to 3:30 pm. Reviewed the MEL Safety Institute video – We Must Respect Each Other In Local Government “anti-harassment”.
- D11 - Fuel:
  - a. Truck #30 – (58) gallons of gasoline
  - b. Truck #31 – (73) 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 – (21) gallons of diesel

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