

## **E.S.A Maintenance Report for November 2017**

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: December 6, 2017

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

- A1 - Truck #30; loaded the grit, grease and screenings from the debris chamber with the Kubota front loader for disposal at the Monmouth County Reclamation Center on Asbury Avenue in Tinton Falls. Disposed of 2.88 tons of ID: 13X. Washed down the chamber for odor control.
- A2 - 105 & 109 Oak Lane (Tinton Woods); Flore Paving installed new sidewalks, ESA supplied the cast iron valve boxes for the ESA cleanouts.
- A3 - Brookwood pumping station; picked up the diesel generator at the station disconnected by T.R. Weniger Inc. Installed a new RR water pump, V-belt and thermostat. Oil change and filter.
- A4 - Eaton Crest pumping station; installed a NAPA SE112S battery maintainer and new NAPA 7237 battery for the onsite natural gas emergency generator.
- A5 - Industrial Way pumping station; install a new 1ZHR9 axial fan for the ventilation of the pump #2 Mitsubishi VFD in the control panel.
- A6 - Old Orchard, Old Deal Road, Circle, Laurel Gardens, Deepwood Estates, Eaton Crest, Lewis Street, Maxwell Road, County Club Road and Wampum Park pumping stations; vacuumed and washed down the wetwells, cleaned the wetwell pump control transducers and floats.
- A7 - Industrial Way pumping station; installed a new Up-Blast hazardous location exhaust ventilator for the wetwell fresh air requirements per N.J.D.O.L confined space regulations.
- A8 - Laurel Gardens pump station; installed a new NAPA 7551 battery for the on-site N.G. generator.
- A9 - Old Deal Road P.S.; installed a new NAPA engine block heater for the on-site diesel generator.

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

- B1 - T.R. Weniger, Inc. is continuing the construction and rehabilitation work on the Brookwood pumping station 2017 improvement project.

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

- C1 - New Jersey One Call System markouts (76)

- C2 - Complaint Memorandums:

- a. 2017 ESA Report #50 on 11/2 @ 11:05 am – Lewis Street pumping station
- b. 2017 ESA Report #51 on 11/6 @ 8:57 pm – Circle pumping station
- c. 2017 ESA Report #52 on 11/10 @ 8:00 am – State Highway Route #35 & Kremer Avenue
- d. 2017 ESA Report #53 on 11/11 @ 8:00 am – State Highway Route #35 & Kremer Avenue
- e. 2017 ESA Report #54 on 11/13 @ 9:04 am – 20 Campbell Drive
- f. 2017 ESA Report #55 on 11/17 @ 3:30 pm – 224 Knox Avenue
- g. 2017 ESA Report #56 on 11/24 @ 7:30 pm – 224 180 State Highway Route #35
- h. 2017 ESA Report #57 on 11/25 @ 7:40 pm – 12 Hampton Road

- C3 - Maintenance Garage; Atlantic Security & Fire installed a new system battery in the alarm panel.
- C4 - 176 Broad Street, Block 1002, Lot 12.01; house re-connection inspection for Galway Builders, LLC. ESA House Re-connection Permit #043.
- C5 - Completed and abated all of the State of New Jersey Department of Labor & Workforce Development violations for the Notice Of Order To Comply general inspection on 7/26/2017. Stuart Cobb, Compliance Officer, N.J.P.E.O.S.H. conducted the re-inspection on 11-27-2017.
- C6 - 233 Tinton Avenue, Block 1002, Lot 12.02; new house connection inspection for Farrah Builders, Inc. ESA House Re-connection Permit #036.
- C7 - Jersey Coast Fire Equipment; conducted the annual fire extinguisher inspection at the Maintenance Garage and ESA vehicles.
- C8 - Maintenance Garage Parking Lot Improvement Project; Shore Top Construction Corp. mobilized their construction vehicles and equipment. Started on the Installation of drainage, milled asphalt, curbing, sidewalks, paving and crash barriers.
- C9 - On 9/9 & 9/10/2017; Oswald Enterprises installed two 15' point repair slip liners from ESA manhole #63 at the intersection of State Highway Route #35 & Kremer Avenue. This was an emergency repair for the H2s damage to the ACP main line. Kiely Construction tamped & repaired the road.

***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, we performed pumping station checks & wetwell baskets cleaning.
- D3 - Weekly recordings of the sanitary sewer flow meter readings at the Industrial Way & Lewis Street pumping stations. Record the ESA rain gauge for the study program.
- D4 - No report on the ESA pumping station on-site diesel & natural gas generator program.
- D5 - No report on the ESA pumping station non-human moving wetwell crane inspections.
- D6 - On 11/27/17; conducted In-House monthly fire extinguisher inspections at the Maintenance Garage.
- D7 - On 11/6/17; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (5.099 MG) and Lewis Street (1.096 MG) pumping stations. October Rainfall (4.11")
- D7a - On 12/4/17; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (6.607 MG) and Lewis Street (2.122 MG) pumping stations. November Rainfall (1.59")
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Fuel:
  - a. Truck #30 – (0) gallons of gasoline
  - b. Truck #31 – (96) 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 – (25) gallons of diesel

CC: *Christine Ballard, P.E., T & M Associates*