

## **E.S.A Maintenance Report for October 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: November 5, 2018

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

- A1 - Worked on the 2018 ESA pumping station prevent maintenance programs.
- A2 - State Highway Route #35 North; grease cut the main line from manhole #65 to #66 - 366' of 8" ACP.
- A3 - Old Deal Road Pumping Station; installed a new pump level control transducer.
- A4 - 6 Ferncliff Road; installed a new ESA cleanout at the curb area.
- A5 - Vacuumed the wetwells and cleaned the pump control floats at the Old Deal Road, Industrial Way, Eaton Crest, Lewis Street, Country Club Road and Crystal Inn pumping stations.
- A6 - Crystal Inn Pumping Station; scrapped, primed and painted the Drywell Can top.
- A7 - Vac-Con Truck #34; installed a new leader hose for the front hose wheel, greased the chassis and adjusted the engine belts.
- A8 - Truck #30; washed the vehicle and worked on repairing the tool box corrosion.

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

- B1 - Old Orchard Pumping Station; discovered a hole and cracks in the bottom of the wetwell. ESA will air plug the upstream main line, vacuum the wetwell and calculate the infiltration of ground water to get more information of this situation.

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

- C1 - New Jersey One Call System Markouts – iSite NextGen Ticket Check (107)
- C2 - White Street & Applebey Street - ESA Manhole #159; televised the manhole and the main lines above a sinkhole in the street, no deficiencies found. Delivered a DVD copy of the inspection to the Borough DPW Department.
- C3 - Vac-Con Operation & Maintenance Training at the Lacey Township MUA; Matt Coulson, Sale Manager, Pierce-Eagle Equipment Co. conducted the training. Richard, Herbie and Kevin attended.
- C4 - New House Re-Connection Inspection & Approval ESA Permit 037; 499 Wall Street, Block 2803, Lot 45.02 by Viviane Morais & John Chevani
- C5 - New ESA House Connection Inspection & Approval ESA Permit #041; 92 Maple Avenue, Block 802, Lot 11.01 by Russell Deady.
- C6 - NJUAJIF – OSHA 10 Hour General Industry Certificate Program; Kevin Carrino attended the Sessions on 10/25 & 11/1/2018 at the Two Rivers Water Reclamation Authority.

- C7 - 26 State Highway Route #35 South - Bangkok House; inspected the 500 gal. round single compartment grease trap at the rear of the building. APS Plumbing vacuumed the grease trap and Doctor Rooter hydro jetted the 4" lateral from the grease trap to the ESA main line at the curb area.
- C8 - N.J.D.E.P. Compliance & Enforcement Inspection on 10/31/2018; Don Orpen, Environmental Specialist conducted an evaluation of the operations and maintenance of the ESA wastewater collection system. No violations were cited, a follow-up letter will be sent from the N.J.D.E.P. and a report will be posted on the N.J.D.E.P. data miner website.
- C9 - Complaint Memorandums:
  - a. 2018 ESA Report #53 on 10/1 @ 11:33 am – 94 Wyckoff Road
  - b. 2018 ESA Report #54 on 10/3 @ 9:54 pm – Old Deal Road Pumping Station
  - c. 2018 ESA Report #55 on 10/21 @ 10:53 pm – Industrial Way Pumping Station
  - d. 2018 ESA Report #56 on 10/22 @ 8:00 am – Industrial Way Pumping Station
  - e. 2018 ESA Report #57 on 10/22 @ 8:00 am – Lewis Street Pumping Station
  - f. 2018 ESA Report #58 on 10/27 @ 6:16 am – Industrial Way Pumping Station
  - g. 2018 ESA Report #59 on 10/27 @ 11:13 am – Old Deal Road Pumping Station
  - h. 2018 ESA Report #60 on 10/28 @ 11:50 am – 10 Violante Court & 39 Tinton Avenue

***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 11/5/18; total and record the ESA sanitary sewer & rainfall study program for the Industrial Way (6.574 MG) and Lewis Street (2.198 MG) pumping stations. August Rainfall (3.58")
- D5 - On 10/24/2018 completed the ESA pumping station on-site diesel & natural gas generator program.
- D6 - On 10/24/2018 completed the ESA pumping station non-human moving wetwell crane inspections.
- D7 - On 10/1/18; completed the In-House monthly fire extinguisher inspections at the Garage.
- 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 - Fuel:
  - a. Truck #30 – (50) gallons of gasoline
  - b. Truck #31 – (95) 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 A. Ballard, Vice President, P.E., T&M Associates