

## **E.S.A Maintenance Report for September 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: October 4, 2017

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

- A1 - TV Van #32; installed a new blower fan.
- A2 - Wampum Park pumping station; removed an evergreen tree for safe communications and operations while performing wetwell maintenance.
- A3 - Old Orchard, Old Deal Road, Eaton Crest, Lewis Street, Maxwell Road and the Country Club pumping stations; vacuumed and power washed the wetwells, cleaned the wetwell pump control transducers and floats.
- A4 - Circle pumping station; air plugged the influent pipe in the wetwell. Vacuumed the wetwell and setup the ESA Godwin by-pass pump for the valve project by Municipal Maintenance. Michael Provine, Account Manager and his crew removed and installed a new gate valve on the suction side of pump #2.
- A5 - Maintenance Garage; installed a new Linishall Model-BG8 heavy duty bench grinder.
- A6 - Industrial Way pumping station; removed pump #1 and delivered to Pilot Electric in Neptune for a bearing and motor rebuilding.
- A7 - Delivered Herbie Volner's SCADA computer to Charlie Massa for diagnoses and repair.
- A8 - Vac-Con truck #34; changed the oil and oil filter, changed all the vehicle filters. Repaired the hydraulic switch for the back-up alarm.
- A9 - Installed a Maxitrol regulator vent protector with filter on the ESA side of the natural gas meter at the Crystal Inn, Country Club Road, Maxwell Road and Industrial Way pumping stations.
- A10 - Industrial Way West pumping station; setup the ESA Godwin by-pass pump for the valve project by Municipal Maintenance. Michael Provine, Account Manager and his crew removed and installed the discharge gate valves and check valves for pumps #1 & #2.

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

- B1 - Brookwood pumping station 2017 improvement project.

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

- C1 - New Jersey One Call System markouts (98)
- C2 - Complaint Memorandums:
  - a. 2017 ESA Report #39 on 9/6 @ 1:45 pm – 49 Windsor Drive
  - b. 2017 ESA Report #40 on 9/6 @ 8:40 pm – Industrial Way West Pumping Station
  - c. 2017 ESA Report #41 on 9/15 @ 8:45 am – 24 Oak Lane
  - d. 2017 ESA Report #42 on 9/25 @ 7:05 pm – Brookwood Pumping Station
  - e. 2017 ESA Report #43 on 9/27 @ 9:15 pm – 41 to 59 Russell Terrace

- C3 - New Jersey Water Environmental Association Technology Seminars at the Sheraton of Eatontown from 9/11 to 9/14/2017: Richard Johnson attended the Supervisory Issues, Regulatory Updates, Collection System O&M and Maintenance Workshop sessions for the required N.J.D.E.P. continued education units.
- C4 - Long Branch Sewerage Authority; Tom Roguski, Executive Director, demonstrated the VUE works GIS program the LBSA uses for their wastewater collection system to track the condition, minimize failure risk, optimize expenditures, service of their physical assets, maintain records, maintenance of operations and planning. Brian Charnick, Herman Redd, Ted Lewis and Richard Johnson were in attendance for this meeting.
- C5 - State of New Jersey Department of Labor & Workforce Development; worked on the Notice Of Order To Comply general inspection violation abatements.
- C6 - Borough of Eatontown / Sinkhole Investigations; televised the storm drain main lines on Brookwood Drive and Jeryl Street per the directions from Clair K. Petruzzella, P.E. of T&M Associates.

***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 9/1/17; conducted In-House monthly fire extinguisher inspections at the Maintenance Garage.
- D7 - On 8/4/17; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (6.121 MG) and Lewis Street (1.374 MG) pumping stations. September rainfall (1.36")
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Fuel:
  - a. Truck #30 – (58) gallons of gasoline
  - b. Truck #31 – (17) 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 – (0) gallons of diesel

CC: John Mc Kelvey, P.E., T & M Associates