

## **E.S.A Maintenance Report for August 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: September 7, 2017

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

- A1 - 9 Schuber Place; report of an odor at the kitchen sink. Sewer is not backed-up. Conducted a curiosity inspection of the kitchen sink drain trap for the resident. Connections appear proper and no water drip. Suggested the resident call a plumber to remove and clean or replace the kitchen sink drain trap.
- A2 - Old Deal Road pumping station: cut and removed a fallen tree on the fence, took the tree to the Eatontown Compost Site.
- A3 - Lewis Street pumping station; The on-site generator was found to be in a low gas pressure alarm. The generator will not start. Checked the gas regulator on the ESA side of the meter, found a spider nest in the regulator vent. Installed a Maxitrol regulator vent protector with filter.
- A4 - 176 Broad Street, Block 1003, Lot 12, ESA account #053; inspection of the sanitary sewer house disconnection for the building demolition by Galway Builders.
- A5 - 42 Malibu Drive; installed a flush mount repair plug for the cleanout in the driveway apron.
- A6 - Circle pumping station; repaired the ESA side of the Verizon copper hard line phone connection bib box mounted on the utility pole inside the pump station.
- A7 - Conducted a Return To Work and Work Safety Meeting at the Maintenance Garage from 7:00 am to 8:30 am. Richard Johnson, Herbie Volner and Kevin Carrino discussed and reviewed the Lewis Street pumping station accident on 7/5/2017, and the New Jersey Department of Labor general inspection report on 7/26/2017.
- A8 - TV Van #32; repaired the power connection for traverse on the main line tractor camera.
- A9 - Country Club, Circle, Industrial Way, Eaton Crest and Wampum Park pumping stations; vacuumed and power washed the wetwells, cleaned the wetwell pump control transducers and floats.
- A10 - Washed Truck #30.

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

- B1 - Brookwood pumping station 2017 improvement project.

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

- C1 - New Jersey One Call System markouts (113)
- C2 - Complaint Memorandums:
  - a. 2017 ESA Report #38 on 8/16 @ 7:00 am – 42 Malibu Drive

- C3 - ESA Complaint Report #37; Old Deal Road pumping station operating in backup mode; Art Heaton of Electro Maintenance Inc. diagnosed that the Excess model 2410 controller and the Blue Ribbon model BC001 birdcage transducer has had an electrical surge damage event. Parts are on order.
- C4 - Vac-Con Truck #34; John & Doug of the Eatontown Borough DPW mechanical garage picked up Truck #34 and installed a new rebuilt core transmission.
- C5 - State of New Jersey Department of Labor & Workforce Development; worked on the Notice Of Order To Comply general inspection violation abatements.
- C6 - Maintenance Garage Stream Project; JF Kiely Construction Company removed the fallen trees and debris from the stream. Restored the eroded slope to sub-grade. Installed stone rip/rap for additional protection.

***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 - On 8/8/17; conducted the ESA pumping station on-site diesel & natural gas generator program.
- D5 - On 8/8/17; conducted the ESA pumping station non-human moving wetwell crane inspections.
- D6 - On 8/1/17; 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 (5.627 MG) and Lewis Street (1.130 MG) pumping stations. June Rainfall (2.92")
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Fuel:
  - a. Truck #30 – (55) gallons of gasoline
  - b. Truck #31 – (81) 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