

## **E.S.A Maintenance Report for December 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: January 8, 2018

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

- A1 - 224 Know Avenue, Block 3301, Lot 1; installed a new cleanout riser and cast iron sewer box at the curb area for access to inspect and televise the sanitary sewer lateral to the main line in the street. Discovered root intrusions in the street approximately 10' from the curb.
- A2 - Old Orchard, Circle, Country Club and Wampum Park pumping stations; vacuumed and washed down the wetwells, cleaned the wetwell pump control transducers and floats.
- A3 - Canon MX860 Printer Error Code U052; removed the cartridge holder, cleaned with isopropyl alcohol and flushed with water, air dry and reinstall the ink cartages. This printer has been replaced with a Canon MF247dw.
- A4 - Old Orchard Pumping Station; installed a DeLonghi 1500 watt tower ceramic heater in the generator enclosure for the Dialog alarm cold weather operations.
- A5 - Pumping Stations; worked on the Generator/Enclosure/By-pass Chamber cleaning and preventative maintenance program.
- A6 - Maintenance Garage; checked all the fluid levels and exercised all of the small engine and emergency equipment.
- A7 - Root Treatment Program; installed Root-X herbicide foaming agent in (39) ESA customer sanitary sewer service laterals to treat the pipe from the cleanout at the curb area to the main line in the street for root intrusions.
- A8 - 112 Oak Lane; installed a repair cap for the cleanout damaged by a snow blower in the sidewalk.

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

- B1 - Brookwood Pumping Station; T.R. Weniger worked with Raymond Cornetto, Jamie Newgarde of Reiner Pump Systems and the ESA personnel on making the final connections for testing of the new pumps with fresh water draw down and performance evaluation.

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

- C1 - New Jersey One Call System markouts (67)
- C2 - Complaint Memorandums:
  - a. 2017 ESA Report #58 on 12/5 @ 7:28 am – 34 Heritage Road
  - b. 2017 ESA Report #59 on 12/7 @ 7:47 pm – Oak Lane & Holly Drive
  - c. 2017 ESA Report #60 on 12/12 @ 10:20 am – 84 Broad Street
  - d. 2017 ESA Report #61 on 12/12 @ 12:30 am – Maxwell Road Pumping Station
  - e. 2017 ESA Report #62 on 12/13 @ 4:34 am – Old Orchard Pumping Station
  - f. 2017 ESA Report #63 on 12/15 @ 12:20 pm – Weston Place & Strip Mall Driveway
  - g. 2017 ESA Report #64 on 12/18 @ 10:58 am – Industrial Way Pumping Station
  - h. 2017 ESA Report #65 on 12/27 @ 3:55 pm – 105 State Highway Route #35 North - Laundry 35
  - i. 2017 ESA Report #66 on 12/27 @ 9:05 pm – Old Orchard Pumping Station

- C3 - Industrial Way Pumping; discovered no dial tone for the SCADA alarm. Contacted Verizon, a service technician repaired the bib box connection on the utility pole.
- C4 - Completed the NJUAJIF 2017 Safety Incentive Program Annual Self-Assessment Report.
- C5 - Maintenance Garage Parking Lot Improvement Project; Shore Top Construction Corp. has completed the installation of paving, curbing, crash bollards and storm drain work. Completion of the fence will be completed as weather permits.

***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 12/1/2017 conducted the ESA pumping station on-site diesel & natural gas generator program.
- D5 - On 12/1/2017 conducted the ESA pumping station non-human moving wetwell crane inspections.
- D6 - On 12/4/17; 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 (4.888 MG) and Lewis Street (1.244 MG) pumping stations. October Rainfall (1.11")
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Fuel:
  - a. Truck #30 – (57) gallons of gasoline
  - b. Truck #31 – (71) 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 – (43) gallons of diesel

*Cc: Natalie Chesko, EIT, T & M Associates*