

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: November 9, 2017

A. Current Month Activities:

- A1 - Vac-Con Truck #34; repaired the boom remote control unit.
- A2 - Vac-Con Truck #34; installed a exhausted elbow to repair a hole in the exhaust system near the water tanks.
- A3 - Renewed the annual confined space permits for the pumping station Drywells, and exercised the gate valves for maintenance.
- A4 - Eaton Crest Pumping Station; installed a new Flygt ENM-10 pump control float in the wetwell.
- A5 - Truck #30; repaired the front bumper and reinstalled the push-on retainers. Washed the truck.
- A6 - Jetted the main line on State Highway #35 from manhole #330 to #63 – 265' of 8" ACP. Televised the main line, discovered a grease obstruction and deteriorated pipe.
- A7 - Tinton Avenue / Utility Pole Investigation; televise from manhole #54-E to #54-D – 144' of 8" ACP.
- A8 - Industrial Way Pumping Station; Pilot Electric rebuilt and reinstalled the #2 pump. Washed down the floor in the drywell for safety and good housekeeping.
- A9 - State Highway Route #35 South & Kremer Avenue; installed six 6 bags of high performance cold patch in the sinkhole over the main line.

B. Ongoing Activities:

- B1 - T.R. Weniger, Inc. started the Brookwood pumping station 2017 improvement project.

C: Coordination with the Public & other Agencies:

- C1 - New Jersey One Call System markouts (63)
- C2 - Complaint Memorandums:
 - a. 2017 ESA Report #44 on 10/4 @ 10:49 pm – Elm Place ESA Manhole #150-A
 - b. 2017 ESA Report #45 on 10/5 @ 1:08 pm – Industrial Way West Pumping Station
 - c. 2017 ESA Report #46 on 10/14 @ 2:30 pm – Old Deal Road Pumping
 - d. 2017 ESA Report #47 on 10/30 @ 2:45 am – Eaton Crest Pumping Station
 - e. 2017 ESA Report #48 on 10/30 @ 11:13 am – Brookwood Pumping Station
 - f. 2017 ESA Report #49 on 10/30 @ 1:50 pm – Eaton Crest Pumping Station
- C3 - Old Deal Road Pumping Station; Art Heaton of Electro Maintenance Inc. install a new wetwell level pump control transducer for the primary operation of the Essex control panel, and a new shunt diode electrical safety barrier. Re-enabled channel #1 for the Dialog alarm system.
- C4 - State of New Jersey Department of Labor & Workforce Development; worked on the violations for the Notice Of Order To Comply general inspection.

- C5 - NJUAJIF Mel Safety Institute - Excavation, Trenching & Shoring (MEL_CR_9357): Herbie Volner & Kevin Carrino attended the classes at the Borough of Middletown, 55 New Monmouth Road.
- C6 - Monmouth County Division of Planning, One East Main Street; Santino DePaul of ESRI conducted a meeting and demonstration of the company GIS software at the Offices of Meghan Leavey, GISP/AICP/PP. Brian Charnick, Herman Redd, Ted Lewis and Richard Johnson were in attendance. A disc of Eatontown Borough GIS data was presented to the ESA for possible use.
- C7 - NJUAJIF Mel Safety Institute – Lock Out/Tag Out (LOTO) (MEL_CR_9761); Herbie Volner & Kevin Carrino attended the classes at the Middletown S.A. 100 Beverly Way.
- C8 - NJDOT State Highway Route #71 Improvement Project (*Eatontown Section*); red lined the construction plans requested by John L. Beatty, Jr. PE of Hardesty & Hanover for the locations of the ESA sanitary sewer main lines and manholes.
- C9 - Voyage School, 215 Broad Street; John McKelvey and Richard Jonson met with Moe for the final inspection of the plumbing fixture connections into the grease trap.

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 10/10/2017 conducted 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 10/2/17; conducted In-House monthly fire extinguisher inspections at the Maintenance Garage.
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Fuel:
 - a. Truck #30 – (59) gallons of gasoline
 - b. Truck #31 – (25) 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