

E.S.A Maintenance Report for March 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: April 6, 2017

A. Current Month Activities:

- A1 - Repaired the entrance gate at the Eaton Crest pumping station.
- A2 - Washed utility truck #31.
- A3 - Country Club pumping station; installed a new 8222 NAPA battery for the onsite emergency natural gas generator.
- A4 - On 3/14/17; plowed snow at the Maintenance Garage and Pumping Stations.
- A5 - 105 Clinton Avenue (*Kiddie Academy*); repaired the ESA cleanout at the curb area.
- A6 - Deepwood pumping station; installed a lock hasp on the electrical enclosure to replace the rusted-off handle. The bottom of this cabinet is rusting out.
- A7 - ESA Honda gasoline powered air compressor; worked on cleaning the gas tank, carburetor and fuel lines of gum and varnish.
- A8 - Clinton Avenue to State Highway Route #35 Easement / Vac-Con Truck #34 / Jet & Vacuum:
 - 109-C to 534-A 247' of 8" VCP
 - 109-C to 109-B 136' of 8" ACP Liner
 - 109-B to 109-A 158' of 8" ACP Liner
 - 109-A to 109 193' of 8" ACP Liner
 - 109-A to 109 193' of 8" ACP Liner
 - 109 to 110-A 45' of 8" ACP Liner
 - 110-A to 110 229' of 8" ACP Liner
- A9 - 11 Holy Glen Way; raised the cleanout at the curb area and installed a new Geneco cleanout to the proper grading.
- A10 - Eaton Crest pumping station; repaired the water leak on the air release valve for the forcemain.

B. Ongoing Activities:

- B1 - Brookwood pumping station improvement project; marked-out the ESA sanitary sewer for the N.J.N.G. Company meeting.

C. Coordination with the Public & other Agencies:

- C1 - On 3/3/17 Herbie Volner & Kevin Carrino attended the N.J. One Call System seminar & breakfast at the Monmouth County Fire Academy, 1027 Highway 33 East Freehold.
- C2 - From 3/6 to 3/9/17; Richard Johnson & Herbie Volner attended the N.J.W.E.A. Transfer & Technology seminars at the Sheraton of Eatontown for required N.J.D.E.P. CEU's.

- C3 - 176 Broad Street, Block 1003, Lot 12; request for availability of sewer service (*Will Serve Letter*) for Brent N. Papi, Jr., P.E. East Point Engineering, 11 South Main Street. Marlboro, New Jersey 07746
- C4 - N.J.D.E.P. Wastewater Collection System Inspection; Greg Schussler, Senior Environmental Specialist conducted a system wide inspection of the ESA system. Herbie L. Volner, Maintenance #1, C-1 Licensed Operator was the acting Superintendent. Report to follow.
- C4 - New Jersey One Call System markouts (58)
- C5 - Complaint Memorandums:
 - a. 2017 ESA Report #13 on 3/2 @ 2:30 am – Old Orchard pumping station
 - b. 2017 ESA Report #14 on 3/3 @ 12:40 pm – 105 Clinton Avenue (*Kidde Academy*)
 - c. 2017 ESA Report #15 on 3/8 @ 3:15 pm – Wyckoff Road & Pearce Avenue
 - d. 2017 ESA Report #16 on 3/9 @ 1:40 pm - 105 Clinton Avenue (*Kidde Academy*)
 - e. 2017 ESA Report #17 on 3/10 @ 12:02 pm – 12 Princess Lane
 - f. 2017 ESA Report #18 on 3/14 @ 2:35 pm – Country Club pumping station
 - g. 2017 ESA Report #19 on 3/14 @ 6:03 pm – Country Club pumping station
 - h. 2017 ESA Report #20 on 3/16 @ 8:30 am – 95 Richardson Avenue Apartments
 - i. 2017 ESA Report #21 on 3/16 @ 10:30 am – 16 Woodmere Drive
 - j. 2017 ESA Report #22 on 3/27 @ 2:02 pm – 11 Holly Glen Way

D: Scheduled Monthly 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 3/7/17; recorded the readings for the on-site diesel & natural ESA gas generator program.
- D5 - On 3/7/17; recorded the inspections of the non-human moving wetwell crane inspections.
- D6 - On 3/1/17; conducted In-House monthly fire extinguisher inspections.
- D7 - On 4/3/17; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (7.103 MG) and Lewis Street (1.541 MG) pumping stations. March Rainfall (3.39")
- D8 - Vacuumed the wetwells, cleaned the pump control floats and checked the pump power cables for cracks at the Old Orchard, Old Deal Road, Circle, Laurel Gardens, Eaton Crest, Lewis Street, Maxwell Road, County Club Road & Wampum Park pumping stations.
- D9 - Vac-Con Truck #34; check all fluids; grease the chassis and all the fittings.
- D-10 - Fuel:
 - a. Truck #30 – (58) gallons of gasoline
 - b. Truck #31 – (69) 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 – (24) gallons of diesel