

E.S.A Maintenance Report for April 2018

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: May 3, 2018

A. Current Month Activities:

- A1 - Continued work on the 2018 ESA pumping station prevent maintenance program.
- A2 - Vac-Con Truck #34; preformed general preventive maintenance on the vehicle.
- A3 - Maintenance Garage; installed a steel hold in-place chain on the ESA work bench acetylene tank.
- A4 - Expired ESA portable steel air tanks; cut the tanks in half for proper garbage disposal.
- A5 - Old Orchard, Circle, Brookwood, Eaton Crest, Country Club, and the Wampum Park pumping stations; vacuumed the wetwells and cleaned the pump float controls and transducers.
- A6 - ESA Material Safety Data Sheets (MSDS); created a table of contents as suggested by Charles Tracy of the New Jersey P.E.O.S.H.A.
- A7 - Old Orchard Pumping Station; installed high grade stainless steel lifting chains for pumps #1 & #2.
- A8 - Wampum Park Pumping Station; installed a new Siemens NEMA 2 Starter with an ESO200 solid state load relay, and three 60 amp fast service fuses for pump #1.
- A9 - Eaton Crest Pumping Station; installed a new lifting hook for the wetwell screening basket.
- A10 - Worked on inspecting the ESA collection system Sanitary Sewer Overflow (SSO) program of known grease problem areas.
- A11 - Worked on the 2017 Right To Know (RTK) update for the ESA Maintenance Department.

B. Ongoing Activities:

- B1 - None.

C: Coordination with the Public & other Agencies:

- C1 - New Jersey One Call System markouts (127)
- C2 - Complaint Memorandums:
 - a. 2018 ESA Report #20 on 4/1 @ 1:01 am – 12 Heritage Road
 - b. 2018 ESA Report #21 on 4/3 @ 7:23 pm – 4 Clinton Avenue
 - c. 2018 ESA Report #22 on 4/16 @ 4:08 pm – 7 Ferncliff Drive
 - d. 2018 ESA Report #23 on 4/25 @ 7:06 am – 270 Industrial Way West (*Hawkswood School*)
 - e. 2018 ESA Report #24 on 4/26 @ 1:45 pm – 29 Campbell Drive
 - f. 2018 ESA Report #25 on 4/29 @ 7:36 pm – Old Deal Road Pumping Station
- C3 - New Jersey Department of Labor and Workforce Development On-site Consultation and Training; Charles Tracy, Compliance Officer, PEOSHA met with Richard Johnson and Herbie Volner at the Maintenance Garage. Mr. Tracy evaluated the ESA training programs for compliance.

- C4 - Country Club Road Pumping Station; worked with Municipal Maintenance, installed two new gate valves on the forcemain side of pump #1 and #2. Used the Vac-Con Truck #34 to vacuum the wetwell and deposit the wastewater downstream.
- C5 - Industrial Way Pumping Station; found the fuse blown on the utility pole for leg #1, notified JCP&L, repaired by their technician.
- C6 - 219 Tinton Avenue, Block 102, Lot 22.03, New Home Connection Inspection; televised the existing 4" ACP lateral for proper re-connection.
- C7 - Borough of Eatontown Municipal Parking Lot Sinkhole Investigation; jet / vacuum and televised the storm drainage line from Throckmorton Avenue to Broad Street. Delivered the DVD inspection disc to Claire K. Petruzzella, PE, PP, CME of T&M Associates at the Middletown offices.
- C8 - Maintenance Garage; Charlie Massa picked up the RACO SCADA computer in Richard's Office to clone with Herbie Volner's SCADA computer.
- C9 - Anita K. Andrus Last Day Retirement Farewell; the Office Staff and Maintenance Department met at Borough Hall and had cake and talked about fond memories over the past quarter century.

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, 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 4/27/2018 completed the ESA pumping station on-site diesel & natural gas generator program.
- D5 - No inspections on the ESA pumping station non-human moving wetwell crane inspections.
- D6 - On 4/2/18; completed the In-House monthly fire extinguisher inspections at the Garage.
- D7 - On 5/1/18; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (6.325 MG) and Lewis Street (2.165 MG) pumping stations. April Rainfall (2.33")
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Fuel:
 - a. Truck #30 – (57) gallons of gasoline
 - b. Truck #31 – (94) 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 – (48) gallons of diesel

Cc: Christine A. Ballard, Vice President, P.E., T&M Associates