

E.S.A Maintenance Report for November 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: December 5, 2018

A. Current Month Activities:

- A1 - Worked on the 2018 ESA pumping station prevent maintenance programs.
- A2 - LIDI US Operations, LLC 136 State Highway Route #35 South; conducted a periodic grease trap inspection for the three new 500 gallon Proceptor Zurn Green Turtle grease interceptors.
- A3 - Vacuumed the wetwells and cleaned the pump control floats at the Old Orchard, Old Deal Road, Circle, Brookwood, Laurel Gardens, Deepwood, Eaton Crest, Maxwell Road, Country Club Road and Wampum Park pumping stations.
- A4 - ESA Easement Manhole #74-D to #74-C (East Borough Parking Lot); jet flush the main line with the Vac-Con Truck #34 – Grease.
- A5 - Knox Avenue - ESA Manhole #586; applied 4lbs. of Root-X root herbicide for root treatment of the 8" VCP main line.
- A6 - Vac-Con Truck #34; installed a new treaded rod for the multi-belt tensioner on the hydraulic pony motor for the hydraulic pump.
- A7 - Old Orchard Pumping Station; vacuumed the wetwell to observe and calculate the infiltration of ground water through the bottom of the wetwell. Ben Caviglia has contacted T&M Associates and will discuss this situation at the monthly meeting.
- A8 - Eaton Crest Pumping Station; cleaned and repaired the leaking air release valve in the force main chamber.
- A9 - Monmouth County Reclamation Center, Tinton Falls; disposed of 2.24 tons of ID: 13X - grit, grease and bar screenings with Truck #30.

B. Ongoing Activities:

- B1 - None.

C: Coordination with the Public & other Agencies:

- C1 - New Jersey One Call System Markouts – iSite NextGen Ticket Check (61)
- C2 - Maintenance Garage; East Coast Fire Equipment preformed the 2019 fire extinguisher inspection.
- C3 - 2018 - 2019 Collection System Rehabilitation Project; worked on sending Kevin O'Keefe of T&M Associates the manhole inverts.
- C4 - Lewis Street Pumping Station; Chris of Municipal Maintenance installed two new VMX Series Motortronics soft starters for pumps #1 & #2.

C5 - State of New Jersey DEP Compliance and Enforcement; ESA sanitary wastewater collection system, program ID #164960, inspection date: October 31, 2018, compliance inspection #SCI 180001 (see attached letter) dated: November 23, 2018.

C6 - Complaint Memorandums:

- a. 2018 ESA Report #61 on 11/3 @ 5:47 pm – 136 Windsor Drive
- b. 2018 ESA Report #62 on 11/7 @ 10:32 am – 38 Rose Court
- c. 2018 ESA Report #63 on 11/13 @ 9:16 am – 440 Grant Avenue
- d. 2018 ESA Report #64 on 11/14 @ 12:55 pm – 15 Main Street - Pizzuto Ravioli
- e. 2018 ESA Report #65 on 11/18 @ 10:18 am – 202 Knox Avenue
- f. 2018 ESA Report #66 on 11/20 @ 9:44 am – 21 Kremer Avenue
- g. 2018 ESA Report #67 on 11/21 @ 5:47 am – Industrial Way Pumping Station
- h. 2018 ESA Report #68 on 11/21 @ 11:45 am – 38 Rose Court
- i. 2018 ESA Report #69 on 11/27 @ 9:37 am – 181 Broad Street

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 basket cleaning.
- D3 - Weekly recordings of the sanitary sewer flow meter readings at the Industrial Way & Lewis Street pumping stations.
- D4 - On 12/4/18; total and record the ESA sanitary sewer & rainfall study program for the Industrial Way (5.28 MG) and Lewis Street (2.072 MG) pumping stations. August Rainfall (6.03")
- D5 - On 11/20/2018 completed the ESA pumping station on-site diesel & natural gas generator program.
- D6 - On 11/20/2018 completed the ESA pumping station non-human moving wetwell crane inspections.
- D7 - On 11/7/18; completed the In-House monthly fire extinguisher inspections at the Garage.
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Driver Vehicle Inspection Reports; completed the reports for ESA vehicles operated daily as required by the NJDOT federal motor carrier safety regulations.
- D10 - Fuel:
- a. Truck #30 – (50) gallons of gasoline
 - b. Truck #31 – (78) 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: Christine A. Ballard, Vice President, P.E., T&M Associates