

E.S.A Maintenance Report for July 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: August 8, 2018

A. Current Month Activities:

- A1 - Worked on the 2018 ESA pumping station prevent maintenance program.
- A2 - 34 Heritage Road; second attempt to locate the broken cleanout at the curb area with the Kubota Backhoe – unsuccessful.
- A3 - Pumping Stations; preformed the annual preventive maintenance service for the on-site generators (oil & filter change, new air filter)
- A4 - Completed the New Jersey Right To Know (RTK) 2017 update survey for the Maintenance Garage & ESA Borough Hall Office.
- A5 - Tinton Avenue / Monmouth County Road Department / Found Sinkhole; televised the 8” CIP main line with the lateral camera from manhole #54-A to #54-B 40’.0 of 8” CIP. The pipe is turberculated but no structural deficiencies found.
- A6 - Complaint Memorandum #41 at ESA manhole #869-A on Ash Street; sewer flowing from manhole. *(see attached ESA report)*
- A7 - Vac-Con Truck #34 Rebuilt Transmission; Ben Caviglia and Richard Johnson picked up the vehicle at B&K Equipment Services, LLC 622 West Veterans Highway in Jackson.

B. Ongoing Activities:

- B1 - Old Orchard Pumping Station; discovered a hole and cracks in the bottom of the wetwell. Recorded pictures and sent them to Christine Ballard P.E. for review.

C: Coordination with the Public & other Agencies:

- C1 - New Jersey One Call System Markouts – iSite NextGen Ticket Check (97)
- C2 - Complaint Memorandums:
 - a. 2018 ESA Report #37 on 7/1 @ 12:22 am – Circle Pumping Station
 - b. 2018 ESA Report #38 on 7/2 @ 7:51 pm – 130 State Highway Route #35 South (*Old Exxon*)
 - c. 2018 ESA Report #39 on 7/7 @ 6:30 pm – 77 Lewis Street
 - d. 2018 ESA Report #40 on 7/30 @ 10:14 am – 145 Wyckoff Road
 - e. 2018 ESA Report #41 on 7/31 @ 8:43 am – Ash Street, ESA Manhole #869-A
- C3 - Lube It All, 29 State Highway Route #35 North, Block 1001, Lot 20; Final Sand/Oil separator inspection for the close-out of the 2-year maintenance bond.
- C4 - ESA Sanitary Sewer Interceptor on Fort Monmouth; worked on clearing the weeds and marking out the manholes for the FMERA environmental cleanup project.
- C5 - ESA Sanitary Sewer Easement on Fort Monmouth; Joe Fallon uncovered ESA manhole #571.

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. Record the ESA rain gauge for the study program.
- D4 - On 7/17/2018 completed the ESA pumping station on-site diesel & natural gas generator program.
- D5 - On 7/17/2018 completed the ESA pumping station non-human moving wetwell crane inspections.
- D6 - On 7/2/18; completed the In-House monthly fire extinguisher inspections at the Garage.
- D7 - On 8/1/18; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (6.939 MG) and Lewis Street (1.664 MG) pumping stations. July Rainfall (3.9")
- D8 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D9 - Fuel:
 - a. Truck #30 – (58) gallons of gasoline
 - b. Truck #31 – (70) 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: Christine A. Ballard, Vice President, P.E., T&M Associates