

## **E.S.A Maintenance Report for May 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: June 8, 2017

### **A. Current Month Activities:**

- A1 - Country Club Apartments, Country Club Road; inspected all the basements for illegal sump pump connections into the ESA wastewater collection system. No discoveries.
- A2 - Maxwell Road Pumping Station; re-installed the rebuilt #2 pump by Pilot Electric in Neptune.
- A3 - Circle Pumping Station Service Area; searched the collection system for a possible inflow source. Found ESA manhole #696 damaged by a vehicle or snow plow. Installed cement for an emergency repair and sealing to stop the inflow of rain water.
- A4 - Eaton Crest, Brookwood & Old Deal Road pumping station forced main easements; trimmed the weeds and brush on the ESA easements for emergency access.
- A5 - Broad Street / Vac-Con Truck #34 / Jet & Vacuum:
  - Manhole #84 to #281 – 291' of 12" ACP
  - Manhole #281 to #282 – 141' of 12" ACP
  - Manhole #282 to #282-A – 291' of 12" ACP
- A6 - Eatontown Department of Public Works; vacuumed (4) storm drain basins on Old Deal Road per the request from Karen Stefanski.
- A7 - Circle Pumping Station; Mike Cherry of the Municipal Maintenance Co. installed a new set of generator transfer contacts.
- A8 - Industrial Way Pumping Station; received and installed the new Comee' M30DK 30 pint dehumidifier replaced by the Dayton dehumidifier recall program.
- A9 - Broad Street / Vac-Con Truck #34 / Jet & Vacuum:
  - Manhole #232-B to #233 – 11' of 8" ACP
  - Manhole #233 to #235 – 200' of 8" ACP
  - Manhole #232-B to #232-C – 194' of 12" ACP
- A10 - Pumping Stations; installed new high voltage signs to replace the faded and unreadable signs at the pumping stations.
- A11 - Mike Cherry, Electrical Coordinator of the Municipal Maintenance Co.; installed a new module for the generator transfer switch at the Wampum Park pumping Station.
- A12 - Broad Street / Vac-Con Truck #34 / Jet & Vacuum:
  - Manhole #235 to #236 – 196" of 8" ACP
  - Manhole #236 to #244 – 205" of 8" ACP

A13 - Broad Street / Vac-Con Truck #34 / Jet & Vacuum:

- Manhole #244 to #610 – 248” of 8” ACP
- Manhole #94 to #93 – 250” of 8” ACP
- Manhole #93 to #92 – 253” of 8” ACP

A14 - Broad Street / Vac-Con Truck #34 / Jet & Vacuum:

- Manhole #91 to #92 – 303” of 8” ACP
- Manhole #91 to #90 – 65” of 8” ACP
- Manhole #89-A to #89 – 64” of 8” ACP
- Manhole #90 to #89-A – 103” of 8” ACP

A15 - Broad Street / Vac-Con Truck #34 / Jet & Vacuum :

- Manhole #612 to #611 – 202” of 8” ACP
- Manhole #611 to #610 – 251” of 8” ACP
- Manhole #610 to #224 – 249” of 8” ACP
- Manhole #244 to #236 – 306” of 8” ACP

A16 - Crystal Inn, Wampum Park, Lewis Street & Old Orchard pumping stations; sprayed Ortho Ground Clear herbicide for weed control.

A17 - Crystal Inn pumping station; installed a new NAPA Schumacher 1.5 amp battery maintainer for the on-site emergency natural gas generator.

## ***B. Ongoing Activities:***

B1 - Brookwood pumping station improvement project.

## ***C: Coordination with the Public & other Agencies:***

C1 - New Jersey One Call System markouts (42)

C2 - Complaint Memorandums:

- a. 2017 ESA Report #29 on 5/6 @ 3:48 pm – Circle Pumping Station
- b. 2017 ESA Report #30 on 5/15 @ 8:30 pm – Circle Pumping Station
- c. 2017 ESA Report #31 on 4/18 @ 9:30 am – 1 Emma Place

C3 - Maintenance Garage; John Ibarra, Risk Control Specialist for CNA conducted an inspection of the air tank for the air compressor in the maintenance room, and the natural gas boiler for the garage building.

C4 - Michael Provine, Account Manger of Municipal Maintenance Co.; evaluated the gate valves for repair/replacement at the Industrial Way, Circle, Laurel Gardens & Country Club pumping stations.

C5 - NJUA Safety Committee Meeting; Richard Johnson attended the Safety Shower/Eyewash Simulation and the Basic QC Lab Safety sessions at the Jackson MUA, 135 Manhattan Street, Jackson, New Jersey.

## ***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 5/30/17; recorded the readings for the on-site diesel & natural ESA gas generator program.
- D5 - On 5/30/17; recorded the inspections of the non-human moving wetwell crane inspections.
- D6 - On 5/8/17; conducted In-House monthly fire extinguisher inspections.
- D7 - On 6/1/17; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (7.501 MG) and Lewis Street (2.868 MG) pumping stations. April Rainfall (5.01")
- D8 - Vacuumed the wetwells, cleaned the pump control floats and checked the pump power cables for cracks at the Old Orchard, Old Deal Road, Industrial Way, Circle, Laurel Gardens, Eaton Crest, Lewis Street, Maxwell Road and Country Club pumping stations.
- D9 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & fill.
- D10 - A quarterly safety committee meeting was held for the maintenance personnel. It was held at the ESA maintenance garage on Wednesday, May 24, 2017 from 9:00 am to 9:30 am. Reviewed the MEL Safety Institute suggestions on selection, care and storage of personal protective equipment (PPE).
- D11 - Fuel:
  - a. Truck #30 – (60) gallons of gasoline
  - b. Truck #31 – (96) 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 – (41) gallons of diesel

CC: John Mc Kelvey, P.E., T & M Associates