

E.S.A Maintenance Report for April 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: May 4, 2017

A. Current Month Activities:

- A1 - 260 Conifer Crest Way; removed the roots and repaired the cleanout at the curb area. Televised the service lateral from the cleanout at the curb to the main line in the street. No deficiencies found.
- A2 - ESA Manhole #122-D (Circle Pumping Station): Air plug failed, sealed the lateral with grout that was serving the abandoned Circle Trailer Court Mobil Home Complex. This is to prevent inflow.
- A3 - Maintenance Garage; used the Kubota backhoe to fix snow plow damage in the grass areas.
- A4 - Conifer Crest Way / TV Van #32 / Television Inspection:
 - 886 to 885 / 231' of 8" PVC
 - 885 to 884 / 281' of 8" PVC
 - 884 to 883 / 281' of 8" PVC
 - 883 to 882 / 283' of 8" PVC

Clinton Avenue / TV Van #32 / Television Inspection:

 - 882 to 536 / 26' of 8" VCP
 - 536 to 537 / 408' of 8" VCP
 - 837 to 838 / 399' of 8" VCP
- A5 - Disposed of 2.38 tons of ID:13X (grit & screenings) at the Monmouth County Reclamation Center on Asbury Avenue, in Tinton Falls.
- A6 - Wampum Park & Old Orchard Pumping Stations; installed new starter contacts for the pumps per the 2017 Municipal Maintenance PMI.
- A7 - Deepwood Pumping Station; prepared the old electrical enclosure saved from the Crystal Inn pumping station improvement contract in 2009. Installed the enclosure at the Deepwood station for the replacement of the rusted-out enclosure.

B. Ongoing Activities:

- B1 - Brookwood pumping station improvement project; John Mc Kelvey, P.E. and Richard Johnson met with Bob Cosentino, Marketing Consultant Commercial, for details and information on the installation of a new natural gas supply line and meter.
- B2 - Maintenance Garage; worked on trimming the tree branches over-hanging the parking lot and driveway improvement project. Disposed of the branches at the Eatontown Borough Compost site on Parker Road.

C: Coordination with the Public & other Agencies:

- C1 - New Jersey One Call System markouts (58)
- C2 - Complaint Memorandums:
 - a. 2017 ESA Report #23 on 4/3 @ 11:20 am – 260 Conifer Crest Way
 - b. 2017 ESA Report #24 on 4/10 @ 2:30 pm – 261 Wyckoff Road
 - c. 2017 ESA Report #25 on 4/18 @ 9:30 am – 1 Emma Place
 - d. 2017 ESA Report #26 on 4/26 @ 11:10 pm – Circle pumping station
 - e. 2017 ESA Report #27 on 4/27 @ 4:07 pm – Crystal Inn pumping station
 - f. 2017 ESA Report #28 on 4/28 @ 3:57 pm – Wampum Park pumping station

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 4/18/17; recorded the readings for the on-site diesel & natural ESA gas generator program.
- D5 - On 4/18/17; recorded the inspections of the non-human moving wetwell crane inspections.
- D6 - On 4/17/17; conducted In-House monthly fire extinguisher inspections.
- D7 - On 5/1/17; total and chart the ESA sanitary sewer & rainfall study program for the Industrial Way (5.612 MG) and Lewis Street (2.175 MG) pumping stations. April Rainfall (4.69")
- 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, Brookwood, Laurel Gardens, Deepwood, Eaton Crest, Lewis Street, County Club Road & Wampum Park pumping stations.
- D9 - Fuel:
 - a. Truck #30 – (55) gallons of gasoline
 - b. Truck #31 – (73) 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 – (61) gallons of diesel

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