

TO: Theodore F. Lewis, Jr., Executive Director  
FROM: Richard W. Johnson, Jr., Superintendent, Safety Coordinator, N.J.D.E.P. C-3 Licensed Operator  
RE: ESA Monthly Maintenance Department Report for January 2016  
CC: ESA Board of Directors, John Mc Kelvey, P.E., T&M Associates

1. Daily poll status sessions of the Verbatim SCADA system at the Laurel Gardens, Lewis Street, Industrial Way, Crystal Inn, Circle, Country Club, Eaton Crest and Maxwell Road pumping stations.
2. On Mondays and Thursdays, perform pumping station operations check & wetwell basket cleaning.
3. Weekly recordings of the sanitary sewer flow meter readings at the Eaton Crest, Industrial Way, Lewis Street & Wampum Park pumping stations. Record the ESA rain gauge for the study program.
4. Monthly recordings for the on-site diesel & natural gas generator program per the N.J.D.E.P.
5. Monthly recordings of the non-human moving wetwell crane inspections per the P.E.O.S.H.A.
6. Conducted In-House monthly fire extinguisher inspections.
7. Total and chart the sanitary sewer & rainfall study program for the month of January.
8. Borough of Eatontown GIS Mapping & ESA As-built Plans; worked on marking up the Borough of Eatontown GIS map with the ESA As-built PS's, FM's, manholes & mainlines.
9. Old Deal Road Pumping Station; JCP& L electrical event on 1/1/2016. Pilot Electric tested the #1 & #2 pumps on 1/4/2016. The motors are damaged from the electric event in the area of the pumping station. Pilot Electric took the pumps for rebuild and repair.
10. Old Deal Road Pumping Station; daily check of the station by-pass pump set-up by Municipal Maintenance Company at 7:00 am and 3:00 pm.
11. ESA 4' Teel Trash Pump; torn down the pump housing and found the impeller clearance out of specifications. Impeller is too worn to repair with shims. The pump needs to be rebuilt. The recommended solution is to buy a new pump with automatic controls for station wetwell operations connected to the station on-site forcemain by-passes.
12. Inspection of manhole list by Eatontown D.P.W. with snow plow conflicts.
13. Old Deal Road Pumping Station; installed a new check valve in the floor of the by-pass chamber that drains into the station wetwell.
14. 15 Elm Place; excavated by hand the cleanout stack and t-wye connection, replaced with 4" schedule 40 PVC.
15. Old Deal Road Pumping Station; on 1/11/2016, Dave Weiss of Municipal Maintenance could not find any fault or power supply problem at the station. The leg readings were 215 on the hot leg and 123, 123 on the single sides. Dave installed an electric power monitor that will record the power coming into the station over a time period to find out when these power events are happening.
16. ESA Sanitary Sewer Easement Manhole #708; manhole frame & cover has been destroyed by a snow plow, the cover fell inside the manhole. Removed the manhole from the bottom of the channel. Installed a steel plate on the frame with safety horses and traffic cones. Manhole needs a new ESA casting frame and cover.

17. A 2015 4th quarterly safety committee meeting was held for the maintenance personnel. It was held at the maintenance garage on Thursday, January 14, 2016 from 9:00 am to 9:30 am.
18. Circle Pumping Station; vacuumed the wetwell and cleaned the pump float controls.
19. Monmouth County Reclamation Center, Tinton Falls, New Jersey; disposed of 1.77 tons of ID 13X grit, grease and screenings.
20. Maintenance Garage & Pumping Stations; plowed snow and shoveled the walkways, applied salt & sand to help prevent slips and falls.
21. 749 Hope Road; report of a manhole with a missing cover. Vacuumed the snow and debris from the manhole. Manhole was found to not be ESA. Notified the Monmouth County D.P.W.
22. Maintenance Garage Office; installed a new instant start ballast for the fluorescent light.
23. Replacement of the 1978 John Deer Snow Blower; purchased a new Eatontown Lowes Husqvarna 24" 205cc snow thrower for the snow clearance at the Maintenance Garage and the inside of the pumping stations.
24. (20) - Complaint Memorandums:
  - 2016 ESA Report #01 on 1/02/16 @ 10:23 am – Ash Street ESA Manhole #869-A
  - 2016 ESA Report #02 on 1/04/16 @ 3:03 pm – 10 Farm Lane
  - 2016 ESA Report #03 on 1/07/16 @ 8:55 am – 15 Elm Place
  - 2016 ESA Report #04 on 1/09/16 @ 3:39 pm – Old Deal Road Pumping Station
  - 2016 ESA Report #05 on 1/11/16 @ 9:00 am – 6 Princess Lane
  - 2016 ESA Report #06 on 1/11/16 @ 10:01 am – Manhole #708 / Parker Road to Hwy #36 Easement
  - 2016 ESA Report #07 on 1/14/16 @ 3:41 am – Old Deal Road Pumping Station
  - 2016 ESA Report #08 on 1/15/16 @ 10:30 am – 34 Bernard Street
  - 2016 ESA Report #09 on 1/20/16 @ 1:30 pm – 7 Grant Avenue
  - 2016 ESA Report #10 on 1/20/16 @ 3:00 pm – 20 Campbell Drive
  - 2016 ESA Report #11 on 1/20/16 @ 3:00 pm – Old Deal Road Pumping Station
  - 2016 ESA Report #12 on 1/23/16 @ 4:15 pm – Old Deal Road Pumping Station
  - 2016 ESA Report #13 on 1/23/16 @ 12:00 pm – 103 Throckmorton Avenue
  - 2016 ESA Report #14 on 1/23/16 @ 5:30 pm – Old Deal Road Pumping Station
  - 2016 ESA Report #15 on 1/24/16 @ 5:00 am – Old Deal Road Pumping Station
  - 2016 ESA Report #16 on 1/24/16 @ 3:00 pm – Old Deal Road Pumping Station
  - 2016 ESA Report #17 on 1/24/16 @ 8:00 am – 103 Throckmorton Avenue
  - 2016 ESA Report #18 on 1/24/16 @ 9:41 am – 139 State Highway Route #35
  - 2016 ESA Report #19 on 1/26/16 @ 11:15 am – 749 Hope Road
  - 2016 ESA Report #20 on 1/26/16 @ 1:29 pm – 270 Industrial Way West
25. Fuel:
  - Truck #30 – (56) Gals of gasoline
  - Truck #31 – (127) Gals of gasoline
  - TV Van #32 – (0) Gals of diesel
  - Trailer Storage Tank – (0) Gals of diesel / Kubota Backhoe #33 / P.S. Diesel Generators
  - Vac-Con Truck #34 – (82) Gals of diesel
26. (56) - New Jersey One Call Markouts.