

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 2017  
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 Industrial Way & Lewis Street 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; no work on marking up the Borough of Eatontown GIS map with the ESA As-built PS's, FM's, manholes & mainlines.
9. Pumping Stations: exercised the gate valves for the pumps and the forcemain by-pass chambers.
10. Maintenance Garage & Pumping Stations; plowed snow and shoveled the walk areas, spread sand & salt for slip hazards and fall prevention.
11. ESA 2016 Year 3 Manhole Rehabilitation Project; worked with Daniel Nese of T&M Associates on the manhole inspection check list.
12. Brookwood Pumping Station; cleaned the vacuum sensors for pumps #1 & #2.
13. Maintenance Garage; installed a new Office zone Bell & Gossett 100 series hot water circulation pump in the boiler room.
14. Old Orchard, Old Deal Road, Circle, Eaton Crest, Lewis Street and the Country Club pumping stations: vacuumed the wetwells and cleaned the pump control floats.
15. 57 Main Street, Block 301, Lot 5, Monmouth Auto Diagnostics, ESA Sand & Oil Separator Account #3065; green florescent dye tested the separator to confirm connection sewer into the wastewater collection system. Dye was present and witnessed in ESA manhole #8 in the sidewalk.
16. Circle Pumping Station; installed a new 20 amp electrical plug for the generator block heater.
17. Eaton Crest Pumping Station; Ben Caviglia, Ted Lewis and Richard Johnson met with Thomas Mullen, Land Development Manager of American Properties and Luke Teller, P.E. of Dynamic Engineering to discuss and gather information on the station details for a proposed connection for the development of single family homes on the former Howard Commons properties.

18. Maintenance Garage; installed a new pressure release valve for the heat piping in the Office.
19. Maintenance Garage; exercised all the portable emergency equipment.
20. Maintenance Garage; ESA Propane Trailer Generator; found the batteries dead and not able to be recharged, installed two new batteries from NAPA Auto Parts.
21. Eatontown DPW Storm Drain System; jet, vacuumed and televised the storm drain pipe on Jeryl Street with the ESA Vac-Con Truck #34 and the ESA TV Van #32.
22. Worked with Oswald Enterprises on Campbell Drive. Completed two spot repairs and one hole repair 11' upstream from manhole #317-A. One pipe shear down stream 77' from manhole #317-A. Cut lateral out at 11' upstream of manhole #317-A.
23. Brookwood Pumping Station Improvements; John Mc Kelvey, PE & Mark D. Andras, PE conducted a design review meeting at the Eatontown Borough Hall Caucus Room.
24. Brookwood Pumping Station Improvement Project; plugged the main line, vacuumed the wetwell, took pictures of the bottom of the wetwell and platform, and measured the float levels. Vacuumed the by-pass chamber to check for level.
25. ESA Vac-Con Truck #34; annual smoke test at the Eatontown DPW Garage on Pinebrook Road.
26. (5) - Complaint Memorandums:
  - a. 2017 ESA Report #01 on 1/5/17 @ 8:40 am – ESA Manhole #9
  - b. 2017 ESA Report #02 on 1/10/17 @ 5:50 am – Brookwood Pumping Station
  - c. 2017 ESA Report #03 on 1/13/17 @ 4:20 pm – 6 Ferncliff Drive
  - d. 2017 ESA Report #04 on 1/17/17 @ 12:17 pm – 21 Meadowbrook Road
  - e. 2017 ESA Report #05 on 1/27/17 @ 8:30 am – 40 Villa Place
27. Fuel:
  - a. Truck #30 – (50) Gals of gasoline
  - b. Truck #31 – (91) Gals of gasoline
  - c. TV Van #32 – (0) Gals of diesel
  - d. Trailer Storage Tank – (0) Gals of diesel / Kubota Backhoe #33 / P.S. Diesel Generators
  - e. Vac-Con Truck #34 – (68) Gals of diesel
28. (42) - New Jersey One Call Markouts.