

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 August 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 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 August.
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. ESA Manhole #122-D; installed a temporary air plug into the service lateral for the demolished Circle Trailer Court development to stop ground water infiltration.
10. Hilbert Parkway – Sinkhole in curb area next to house #39; vacuumed the storm drain and televised the pipe for the Eatontown Department of Public Works, no pipe deficiencies were found.
11. Old Deal Road, Wampum Park, Circle, Brookwood and the Eaton Crest Pumping Stations; vacuumed the wetwells and cleaned the pump control floats.
12. Malibu Drive to Reynolds Drive ESA Forcemain Easement; removed the trash, a fallen tree branch, cleared the easement and sprayed with Ortho Ground Clear herbicide for maintenance access.
13. Crystal Inn Pumping Station; installed a new oil pressure/sender switch for the engine on-site natural gas generator.
14. Eaton Crest Pumping Station; met with JCP&L for access to install an electric power monitor.
15. Old Deal Road to Christopher Way ESA Forcemain Easement; removed the trash, cleared the easement and sprayed with Ortho Ground Clear herbicide for maintenance access.
16. Circle Pumping Station; trimmed the low tree branches inside the station.
17. J.A. Montgomery Risk Control; Brian Maitland, CSP, ASP, CET; conducted a Loss Control Survey/Inspection of the Maintenance Garage and Wampum Park, Crystal Inn, Country Club, Maxwell Road and Eaton Crest pumping stations. A report will be submitted to the ESA Executive Director.

18. Eaton Crest Pumping Station to Grant Avenue ESA Forcemain Easement; started working on removing the trash, clearing the easement and spraying with Ortho Ground Clear herbicide for maintenance access.
19. Pumping Stations; started working on installing Godwin quick connect/disconnect fittings for the forcemain by-pass chamber connections.
20. Old Deal Road Pumping Station; set-up the ESA Godwin pumping station by-pass pump for the ESA pumping station modification project by Electro Maintenance Inc.
21. Old Deal Road Pumping Station; worked with Electro Maintenance on setting-up the ESA Confined Space Permit regulation requirements during the pump station modifications.
22. NJUA JIF Safety Committee Meeting; Richard Johnson attended the J.A. Montgomery Risk Control Work Zone Safety for Supervisors / Staff Support class at the Toms River MUA.
23. Old Deal Road Pumping Station; on 8/19/2012, Electro Maintenance completed the ESA Pumping Station Modification Project, broke-down the ESA Godwin by-pass pump and returned the unit and equipment to the maintenance garage. Richard, Herbie and Kevin were trained on the operations of the new ESSEX model 2411 duplex pump controller.
24. Truck #30; changed the oil and installed a new oil & air filter.
25. Eaton Crest Pumping Station; installed a new low level pump control float.
26. ESA 2016 Manhole Rehabilitation – Year 3; National Water Main Cleaning Company and Montana Construction have mobilized to the ESA Maintenance Garage and started the contract repairs.
27. Pumping Stations; checked and tightened all the electrical connections in the pump control panels as part of the ESA pumping station generator & enclosure program.
28. Old Deal Road Pumping Station; programmed the ASCO 962 automatic transfer & by-pass-isolation switch microprocessor, exercised and tested on-site diesel generator and returned the unit to normal pumping operations.
29. (6) - Complaint Memorandums:
 - a. 2016 ESA Report #56 on 8/18/16 @ 8:15 pm – Lewis Street Pumping Station
 - b. 2016 ESA Report #57 on 8/19/16 @ 3:15 pm – Lewis Street Pumping Station
 - c. 2016 ESA Report #58 on 8/19/16 @ 11:45 pm – Lewis Street Pumping Station
 - d. 2016 ESA Report #59 on 8/20/16 @ 10:38 am – Lewis Street Pumping Station
 - e. 2016 ESA Report #60 on 8/21/16 @ 11:05 pm – Circle Pumping Station
 - f. 2016 ESA Report #61 on 8/22/16 @ 9:54 am – 55 Jeryl Street
30. Fuel:
 - a. Truck #30 – (58) Gals of gasoline
 - b. Truck #31 – (100) 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 – (48) Gals of diesel
31. (107) - New Jersey One Call Markouts.