

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 December 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 December.
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. Old Orchard, Old Deal Road, Industrial Way, Circle, Deepwood, Eaton Crest, Lewis Street, Maxwell Road and the Wampum Park pumping stations; vacuumed the wet wells and cleaned the wetwell pump control floats.
10. Monmouth Auto Diagnostics, 59 Main Street, Block 301, Lot 5, ESA Account #3065; inspected the Sand / Oil Separator. Investigation of unknown buried tank connected to the unit.
11. 3 Ferncliff Drive; televised the sewer lateral from the cleanout at the curb to the main line in the street. Found root intrusions, treated the lateral with Root-X herbicide.
12. Emergency Markout; request from Monmouth County Road Department for sewer utility identification for the installation of guard rail #3223 on Wall Street.
13. Preventative Maintenance Program 2016; Exercised all the suction and discharge pump station gate valves, forced main and by-pass chamber gate valves.
14. Circle Pumping Station; Pumping Services installed, connected the power, alarm wires, and tested the new Flygt NT 3101.185 pumps with the 464 impellers.
15. Monmouth County Reclamation Center, Tinton Falls; disposed of 3.12 tons of grit and basket screenings from the pumping station wetwells and wastewater collection system.
16. JB Equipment, 161 East Road, Belford, New Jersey; received the new Pro Cam Portable Color Lateral Camera for televising the ESA 4" service laterals, from the cleanout at the curb, to the main line in the street.

17. Assisted in an emergency Eatontown Plumbing inspection for the emergency repair/installation of the 4" SCH40 PVC sanitary sewer lateral at 326 Broad Street. Pipe connection at the house laid and graded to the ESA main line at the sidewalk area. Installed by A Bailey Plumbing & Heating.
18. N.J.U.A.J.I.F. Safety Committee Meeting; Richard Johnson attended the E-JIF Review Compliance, Regulation Changes and Updates, Resiliency and Renewable Energy, hosted by Jeff Rollins and speaker Richard Erickson.
19. ESA Manhole #639; repaired the casting with concrete that was knocked off center by a vehicle.
20. Pumping Station Dry Well Cans; vacuumed with the Shop-Vac and cleaned the floors.
21. Vac-Con Truck #34; repaired the yellow warning lights, heater control, and greased the truck and topped off all the fluids.
22. Cleaned up garage and office area, swept and mopped the floors.
23. Lewis Street Pumping Station; pump #1 fail, pulled pump, inspected the pump, could not determine failure. Delivered the pump to Pilot Electric for further testing and diagnoses.
24. Lewis Street Pumping Station Lifting Crane; removed the rust, cleaned off the crane base and greased for proper rotation.
25. (1) - Complaint Memorandums:
 - a. 2016 ESA Report #69 on 12/1/16 @ 7:10 am – 16 Campbell Drive
 - b. 2016 ESA Report #70 on 12/2/16 @ 8:30 pm – 17 Bernard Street
 - c. 2016 ESA Report #71 on 12/6/16 @ 11:42 am – 3 Ferncliff Drive
 - d. 2016 ESA Report #72 on 12/17/16 @ 12:44 pm – 5 Woodmere Drive
 - e. 2016 ESA Report #73 on 12/18/16 @ 11:59 am – 2 to 4 Princess Lane
 - f. 2016 ESA Report #74 on 12/19/16 @ 3:15 pm – 210 Whalepond Road
 - g. 2016 ESA Report #75 on 12/24/16 @ 12:15 pm – 350 Meadowbrook Avenue
 - h. 2016 ESA Report #76 on 12/26/16 @ 5:48 pm – Lewis Street Pumping Station
26. Fuel:
 - a. Truck #30 – (0) Gals of gasoline
 - b. Truck #31 – (69) 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 – (20) Gals of diesel
27. (33) - New Jersey One Call Markouts.