

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 March 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 & 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 March.
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. Pumping Stations; adjusted the entrance gates and lock connections.
10. N.J.W.E.A. Seminars at the Eatontown Sheraton from 2/29 to 3/3/2016; Richard Johnson & Herbie Volner attended the daily classes for N.J.D.E.P. licensed required continued education units.
11. N.J.U.A.J.I.F. Confined Space Awareness (MEL_CCA); Kevin Carrino attended the class at the Eatontown Municipal Building, Borough Hall.
12. Brookwood & Deepwood Estates Pumping Stations; installed new high voltage warning signs on the electrical enclosures.
13. Industrial Way Pumping Station; Installed a new wetwell basket connection for the crane cable.
14. Ted Lewis conducted the 2016 annual employee reviews at the Eatontown Municipal Building.
15. Maintenance Garage; install P-traps on the slop sink and clothes washing machine in the employee washroom.
16. Eaton Crest Pumping Station; Dave Weiss from Municipal Maintenance responded to a service call to diagnose the MagFlo meter and sensor. Mike found the meter and sensor has been damaged by condensation. A new flow meter is needed to be installed.
17. Industrial Way Pumping Station; Dave Weiss from Municipal Maintenance responded to a service call to diagnose the #2 pump Inverter that Herbie Volner installed on 3/7/2016. Dave Weiss programmed the Inverter for proper hertz, operation runtimes and pump cycle durations.
18. 68 Broad Street; Ken Brand requested ESA help on a sewer backup in the Eatontown Pre-School. Jetted with the lateral kit but could not reach the stoppage from manhole #72 on Broad Street.

19. Maintenance Garage Washroom; sealed the floor drain connection to prevent sewer gases from entering the building.
20. Purchase of new 2016 Ford F350 Utility Truck with snow plow package; created the New Jersey State Contract purchase order and ESA voucher for Winner Ford of Cherry Hill, New Jersey.
21. 2016 Annual Preventative Maintenance Inspections; Jim Carson of Municipal Maintenance conducted the inspections at all the pumping stations.
22. Industrial Way Pumping Station; worked on diagnosing the Mitsubishi FR-FR720-00490 VFD failure. Copied the program parameters from inverter #1 to inverter #2 and restored pump #2 back into auto operations.
23. Brookwood Pumping Station; cleaned the #1 & #2 pump control probe sensors for vacuum prime.
24. Maintenance Garage; worked on removing the dead hedges from the top of the driveway entrance.
25. On 3-21-2016; Old Deal Road Pumping Station, found pump #2 tripped, amp reading of 143. Called David Guertler of Municipal Maintenance for an emergency pump station response.

James Molimock, Jr. of Municipal Maintenance responded to the repair call for the Old Deal Road pumping station. James could not find any trouble with the #1 pump starter and put the unit back in operation. James did find that the #2 pump starter has bad contacts and a loose wire connection. James has ordered a new starter. At 9:19 pm Herbie Volner finds the #1 pump starter is to be melted and destroyed.
26. Truck #30; installed a new NAPA 7548 engine battery.
27. Industrial Way, Eaton Crest, Circle, Lewis Street, Laurel Gardens, Maxwell Road & Country Club Pumping Stations; vacuumed the wetwells and cleaned the pump control floats.
28. 38 Rose Court; televised the service lateral from the cleanout in the yard to the main line in the street. Roots at the cleanout and broken pipe. Will dig-up and repair pipe with new PVC.
29. Old Deal Road Pumping Station; met with Ben Caviglia and Charlie Hopkins of T&M Associates to evaluate the damage to the pump control panel earlier in the week and how to proceed and what new equipment to install and upgrade.
30. Xylem Godwin, 20 Truman Drive South, Edison, New Jersey 08817; received the trailer mounted Godwin Dri-Prime CD100 sound attenuated enclosed diesel pumping station bypass pump.
31. 28 Maple Avenue; televised the service lateral from the cleanout in the sidewalk to the main line in the street. Roots at the main line connection. Installed Root-X herbicide for root control.
32. Conner Strong and Buckelew - Managerial & Supervisory Training Seminar; Ted Lewis, Anita Andrus and Richard Johnson attended the class at the Eatontown Municipal Building.
33. Industrial Way Pumping Station; repaired the roll pin for the #2 pump check valve arm.

34. Bruce Miller repaired the electrical entrance gate key pad at the Maintenance Garage which was damaged by Truck #30 while plowing snow. Painted the key pad and base for safety awareness.

35. (10) - Complaint Memorandums:

2016 ESA Report #30 on 3/12/16 @ 8:59 am – 22 Redwood Drive
2016 ESA Report #31 on 3/14/16 @ 9:11 pm – Old Deal Road Pumping Station
2016 ESA Report #32 on 3/16/16 @ 1:39 pm – 227 Wyckoff Road
2016 ESA Report #33 on 3/17/16 @ 9:47 am – 28 Broad Street
2016 ESA Report #34 on 3/20/16 @ 1:24 pm – Old Deal Road Pumping Station
2016 ESA Report #35 on 3/20/16 @ 9:55 pm – Old Deal Road Pumping Station
2016 ESA Report #36 on 3/21/16 @ 9:19 pm – Old Deal Road Pumping Station
2016 ESA Report #37 on 3/22/16 @ 11:03 am – 38 Rose Court
2016 ESA Report #38 on 3/25/16 @ 1:45 pm – Circle Pumping Station
2016 ESA Report #39 on 3/28/16 @ 2:12 pm – 28 Maple Avenue

36. Fuel:

Truck #30 – (50) Gals of gasoline
Truck #31 – (78) 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 – (25) Gals of diesel

37. (59) - New Jersey One Call Markouts.