

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 February 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 February.
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 Sanitary Sewer Easement Manhole #708; manhole frame & cover has been destroyed by a snow plow, the cover fell inside the manhole. Removed the manhole cover 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.
10. Worked on the reports and pictures for 34 Heritage Road (*lateral repair*) & Manhole #708 (*replacement*). Sent for review to John Mc Kelvey, P.E. via email.
11. Old Deal Road Pumping Station; Mike Cherry of Municipal Maintenance retrieved the electrical recorder and worked on installing the new pump switches, breakers and motor savers in the control cabinet. ESA is awaiting a report and follow-up on the recordings and possible re-setting of the generator transfer switch to better protect the pumping station electrical controls and pumps.
12. Maintenance Garage; cleaned and painted the employee work clothes washroom, installed new vinyl flooring and a new washer & dryer.
13. ESA Manhole #708 / Parker Road to State Highway Route #36 easement; on 2/8/2016, contacted Scott Handel and Jim Chirelli of Kiely Construction to install a new Campbell Foundry #1204 frame and cover supplied by ESA. Road crew arrived at 1:30 pm and finished the work at 5:00 pm.
14. Pumping Stations; recorded and documented the phase supply of power configurations from JCP&L. Sent the list to John Mc Kelvey, P.E. for review.
15. Maintenance Garage Boiler Room; installed 3 new switching relays for the zone control of the hot water circulation pumps.
16. Pumping Stations; worked on cleaning the trash and tree branches along the driveways and around the stations areas.

17. Eaton Crest Pumping Station; diagnosed and found condensation damage in the flow meter sensor pickup in the bypass chamber. Cleaned the connections but the meter failed the next day. Contacted Municipal Maintenance for a repair.
18. White Street ESA manhole #71 to manhole #602; Eatonbrook Condominium Complex requested a sewer markout for the installation of cleanouts on their property at the sidewalk areas.
19. New Jersey Utility Authorities Joint Insurance Fund; Richard Johnson attended the Fund Commissioner's and Safety Coordinator's meeting on 2/24/2016 at the Clarion Hotel & Conference Center in Toms River. ESA has been awarded the annual safety incentive award for 23 years of no Lost-Time Accident Free Workplace. This award is in part for the participation in the safety incentive program.
20. 3 Fieldstone Court; resident complaint of sewer is backing up into the basement. Checked the cleanout at the curb and sidewalk area, full with water. Tried to clear the stoppage with the sewer lateral kit but could not go further than 5ft. from the curb into the street. Connected the vacuum tube of Vac-Con Truck #34 to the cleanout at the curb and sucked out muddy water and stone. Contacted Jim Chirelli, crew manager of Kiely Construction for an emergency ESA sewer lateral repair. Kiely crew mobilized and arrived with 3 laborers, 1 Operator and 1 Supervisor, 3 Trucks and a Backhoe. Kiely found that N.J.A.W. Company had installed a 12 ft. section of 4" SCH 40 PVC with two fernco couplings in a water main break repair and the downstream fernco coupling had somehow disconnected from the ACP sewer lateral pipe. Kiely crew re-installed the two fernco's and pipe, installed cement under the fernco's to stabilize the trench bedding, then stoned and compacted the trench and restored the road.
21. (9) - Complaint Memorandums:
  - 2016 ESA Report #21 on 2/01/16 @ 10:55 am – 65 Broad Street
  - 2016 ESA Report #22 on 2/01/16 @ 12:15 pm – 135 State Highway Route #35
  - 2016 ESA Report #23 on 2/08/16 @ 12:05 pm – ESA Manhole #708
  - 2016 ESA Report #24 on 2/09/16 @ 9:14 pm – Brookwood Pumping Station
  - 2016 ESA Report #25 on 2/10/16 @ 12:48 pm – Exxon - State Highway Route #35 & Wyckoff Road
  - 2016 ESA Report #26 on 2/17/16 @ 10:35 am – 5 Ash Street
  - 2016 ESA Report #27 on 2/21/16 @ 7:37 pm – 92 Wyckoff road
  - 2016 ESA Report #28 on 2/25/16 @ 12:29 pm – 3 Fieldstone Court
  - 2016 ESA Report #29 on 2/27/16 @ 9:39 am – 711-724 Mill Pond Road Housing Complex
1. Fuel:
  - Truck #30 – (108) Gals of gasoline
  - Truck #31 – (108) 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 – (20) Gals of diesel
2. (33) - New Jersey One Call Markouts.