

## E.S.A Maintenance Report for January, 2024

TO: ESA Board of Directors / Theodore F. Lewis, Jr., *Executive Director*  
FROM: Chris Muccie , *Superintendent, Safety Coord, N.J.D.E.P. C-2 Licensed Operator*  
DATE: February 5, 2024

### **A. Current Month Activities:**

A1 - Worked on 2024 ESA pumping station preventive maintenance which includes checking amps and seals on all pumps. checking all floats , transducers , relays ,and contacts on magnetic starters . checking batteries on all dialog and Scada alarm boxes . Checking all connections and tightening them when needed inside all control panels . checking sump pumps and fans in dry wells ,and greasing pumps that have grease fittings .

A2 - Pumping Stations; cycled gate valves at all pump station bypass chambers.

A3 - Monthly generator and crane inspections which includes load testing batteries , checking air filters and block heaters. checking transfer switch volts and shutting down power to make sure transfer switch works. Checking all hoses for leaks while also checking oil / coolant levels and adding more when needed .

A4 - Vacuumed and washed down wet wells at Laurel Gardens, Maxwell, and Country Club pump stations

A5 - Used Jet truck to vacuum out and spray down storm drains at Vetter school .

A6 - All employees attended MEL training classes for right to know , Hazcom, Flagger safety, lock out tag out , Jet truck safety , Bloodborne pathogens , confined space , and PPE .

A7 - met with Verizon to repair phone line at old deal pump station and crystal Pump station.

A8 - Pendergast meters repaired one of our gas meters and calibrated it .

A9 - Wrote Eatontown sewerage Authority's policies for confined space, Hazcom, blood borne pathogens , lock out tag out , fire prevention , emergency evacuation , Traffic work zone safety and right to know . updated safety data sheets

A10 - inspected 6 Violante CT sewer lateral replacement from clean out to main .

A11 - Met With electrician from municipal maintenance to work on wampum pump station pump 1 disconnect switch

A12- trained new employee Dan at mark outs and how to check for emergency house stoppages ‘

A13- Replaced pump shut off float at Eatoncrest pump station

A14 – pulled pump 1 at laurel gardens to clear debris stuck on impeller

A15- shoveled snow at all pump stations and plowed pump station driveways .

A16 - emailed smart shop storage to discuss them building a fence blocking our Clinton sewer easement

A-17 Met with Connor from CSL to install flow meters for liberty points project .

A-18 jetted fire house storm lines to fix drainage problem

A-19 Dumped pump station debris and grit at Monmouth county reclamation center .

A-20 pulled pump 2 at circle pump station to clear debris from impeller .

A-21 helped Tinton Falls sewer department with jumping brook pump station

A-22 pulled pump 1 at laurel Gardens pump station

A-23 met with Victoria from t and m to work on updating our as built maps

A-24 transducer blew at Old Deal pump station and we did not have inventory of 70 ft transducer . had to run pumps off high water float and disconnect high water float from dialog box to prevent calls every 20 minutes . checked Old Deal twice a day to make sure high water float was working until new transducer arrived .

A-25 installed new transducer at Old deal pump station and reconnected high water alarm to dialog box

A-26 ordered new inventory of floats , Transducers , manhole hooks, frame and covers , and ordered 4 new tires for truck # 31

A-27 Met with APFD to discuss having them be our rescue team going forward

## ***B. Ongoing Activities:***

JC penny on high way 35 and lord and Taylor will be disconnecting from our sewer system . waiting on the contractor to call me for disconnect inspection .

Liberty points project .

Fort Monmouth project

New restaurant opening next to shake shack on 180 route 35 in Monmouth Mall

## ***C: Coordination with the Public & other Agencies:***

C1 - New Jersey One Call System Markouts – iSite NextGen Ticket Check (72)

C2 - Complaint memorandum: 24

*Report #1 34 Reynolds drive house stoppage (not ours )*

*Report #2 390 Old Deal Road Emergency Mark-out*

*Report #3 263-265 Wyckoff Rd Emergency Mark-out*

*Report #4 26 Benard Street house stoppage (not ours)*

*Report #5 Circle Pump Station channel 4 pump 2 start fail*

*Report #6 Old Orchard pump station channel 1 high water*

*Report #7 Maxwell Pump Station channel 1 high water*

*Report #8 4 Violante CT Emergency Mark-out*

*Report #9 72 Brentwood RD Emergency Mark-out*

*Report # 10 15 holly Drive house stoppage (not ours)*

*Report # 11 154 south Street house stoppage (not ours)*

*Report # 12 Old Deal Pump station Transducer*

*Report # 13 Circle Pump Station channel 1 high water*

*Report # 14 Old Deal Pump Station transducer*

*report # 15 Old Deal Pump Station transducer*

*Report # 16 State of emergency*

report # 17 Old Deal Pump Station checked high level float  
Report # 18 Circle Pump Station channel 1 high level  
Report # 19 Old Deal Pump Station checked high level  
Report # 20 Circle Pump Station Channel 4 pump 2 start fail  
report # 21 Old Deal Pump Station checked high level  
Report # 22 Old Deal Pump Station transducer  
Report # 23 O hope Road Emergency mark-out  
Report # 24 151 Wall Street house stoppage ( not ours)

**D: Scheduled Monthly & Quarterly Activities:**

D1 - Daily calling to check phone lines at the OLD Orchard , Old Deal , Brookwood , Deep Woods ,Wampum , Circle, County Club, Crystal Inn, Eaton Crest, Industrial Way, Laurel Gardens, Lewis Street and Maxwell Road pumping stations.

D2 - On Mondays & Thursdays, performed pumping station checks & wetwell basket cleaning.

D3 - Jetted monthly trouble spot areas

D4 - completed monthly inspection check list for harness, fall protection, wench and cable . completed jack stand inspection form

D5 - inspected all fire extinguishers at garage, shop , and all trucks . inspected emergency eye wash station and replaced water in it .

D6 - Had monthly safety meeting with employees covering updated confined space ,  
And traffic safety policies .

D7 - Driver Vehicle Inspection Reports; completed the reports for ESA vehicles operated daily as required by the NJDOT federal motor carrier safety regulations.

D8 - Fuel:

- a. Truck #30 – (17.2) gallons of gasoline
- b. Truck #31 – (113) gallons of gasoline
- c. TV Van #32 – (0) gallons of diesel
- d. Diesel Trailer Tank – (0) (*Kubota backhoe #33*) (*Pumping Station diesel generators*)
- e. Vac-Con Truck #34 – (0) gallons of diesel
- F. Gas cans for snow blower (7) gallons of gasoline