

## **E.S.A Maintenance Report for December, 2023**

TO: ESA Board of Directors / Theodore F. Lewis, Jr., *Executive Director*  
FROM: Christopher Muccie , *Superintendent, Safety Coord, N.J.D.E.P. C-2 Licensed Operator*  
DATE: January 3, 2024

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

- A1 - Worked on 2023 ESA pumping station preventive maintenance.
- A2 - Pumping Stations; cycled valves at all pump station bypass chambers.
- A-3 - Monthly generator and crane inspections.
- A4 - Vacuumed and washed down wet wells at Country club, Maxwell Rd., Old Deal, Laurel Gardens, Eatoncrest, Brookwood, Old Orchard, Circle, Deep woods, Crystal, Industrial , Lewis and Wampum pump stations.
- A5 - Inspected easements for Storm damage and manholes for proper flow.
- A6 – . Met with Fmera to discuss Netflix complex on Fort Monmouth.
- A7 – Met with engineers to discuss Liberty point project
- A8 – Replaced battery in BY- Pass pump
- A9 – Pulled Pump # 2 at circle pump station and removed debris, because pump was running at high amps.
- A10 – TV inspection of second street from manhole 264 to 267 . 264 to 262
- A11 – Performed maintenance on Vac- con truck.
- A12 – House keeping at pump station generator and electrical cabinets vacuum etc.
- A13 – trained new employee Dan Edgeworth on mark outs
- A14- jetted monthly trouble spot areas
- A15- Inspected grease trap at GKA snacks 556 Industrial Way
- A-16- calibrated gas meter

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

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

- C1 - New Jersey One Call System Markouts – iSite NextGen Ticket Check (50)
- C2 - *Complaint memorandum:*  
*Report# 53 Circle pump station*  
*Report# 54 Circle pump station*

*Report# 55 Emergency mark- out 343 Grant Ave*

*Report# 56 271 south ST. sewer house stoppage ours*

*Report# 57 Emergency mark-out 303 Highway 35*

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

- D1 - Daily testing phone lines for SCADA system and dialog system at the Circle, County Club, Crystal Inn, Eaton Crest, Industrial Way, Laurel Gardens, Lewis Street and Maxwell Road, Old Orchard, Brookwood Wampum , OLD Deal ,Deep woods pumping stations.
- D2 - On Mondays & Thursdays, performed pumping station checks & wet well basket cleaning.
- D3 - Maintenance Garage; Encon emergency eye wash station, monthly test, flush & refill.
- D4 - Monthly Fire extinguisher inspections.
- D5 - 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 – (42.2) gallons of gasoline
  - b. Truck #31 – (93.4) 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 – (38) gallons of diesel

*Cc: Stephen Schreiber t and m associates.*