

2023 NOV 16 PM 4:13

**City of Derby Water Pollution Control Authority
Monthly Report for the October 2023 Meeting**

MARC J. GAROFALO, MPA

❖ **Collection System (October 2023)**

- Responded to a total of 63 CBYD tickets with 2 emergency tickets.
- Responded to a total of 2 emergency call outs.

❖ **Waste-Water Treatment Plant (October 2023)**

- Average Flow = 1.71 million gallons per day
- Total Flow = 53.07 million gallons, Max Daily Flow = 2.75 million gallons per day
- Average Total Nitrogen = 62 lbs. per day, Permit Limit = 71 lbs./day (Annual Avg = 57 lbs./day)
- Average Effluent BOD = 4.6 mg/l (permit <30 mg/l)
- Average Suspended Solids = 4.0 mg/l (permit = 30 mg/l)
- Average Turbidity = 2.3

❖ **Maintenance**

- Removed two old plant water pumps & installed valves for new plant water pump
- Belt filter press was taken out of service for 10 days for repairs. Currently back in service
- Pumped liquid sludge into 11 tankers over 10 day period
- Godwin pump out of service for repairs
- 6 inch liquid sludge pump out of service for repairs, may need to replace
- Laboratory heating and AC unit out of service. Unit to be relocated and replaced (quoted \$5,800)
- Completed 901ft sewer jetting & 9,400ft of CCTV

❖ **General**

- Discussion for NPDES permit renewal
- Derby Fuel Cell 49 Coon Hollow Rd project moving forward
- Sewer impact fee timetable discussion
- Belt filter press upgrade update