

## **Repairs Made at Wastewater Plant 2023 to 2024**

- **Rebuilt UV #1 And UV #2.**
- **Repaired #1 Pump at Goldcup. (Belts, Flappers, Top Plate).**
- **Repaired Effluent Sampler (Hoses).**
- **Repaired Aqua Guard (Auger, Brushes, Automatic Grease Unit).**
- **Repaired # 2 Coagulant Pump (Diaphragm).**
- **Replaced Four (Fourteen Inch) Butterfly Valves For UV.**
- **Replace Air Relief Valves and Hour Meters on MMBR Blowers.**
- **Replaced All Heat Trace at the Headworks.**
- **Replaced # 2 Polymer Pump for Belt Press.**
- **Repaired # 1 Sludge Pump.**
- **Repair Mission Units At #9 And Cedar Run.**
- **Replaced Telescoping Valve Gasket At #1 Secondary Clarifiers.**
- **Replaced Valve Stem On #1 And #2 Secondary Clarifiers.**
- **Replaced Valve Stem On #3 Primary Clarifier.**
- **Replaced Both Air pumps at Goldcup Pump Station.**
- **Replaced Rubber Scrappers on Secondary Arms #1 And #2.**
- **Replaced #2 Methanol Pump and Motor.**
- **Replaced #1 Methanol Pump and Controller Panel.**
- **Replaced #2 Wet Well Pump, Slide Rails and Base Elbow.**
- **Replaced #3 Wet Well Slide Rail and ten-inch plug valve and air relief.**
- **Repaired #4 Wet Well Pump.**
- **Rebuilt Both Uv Chambers.**
- **Rebuilt #1 And #2 Primary Pumps, Air Tanks, And Floats.**
- **Rebuilt #1 And #2 Secondary Pumps.**
- **Repair #2 Non-Not Pump.**
- **Repaired And Rebuilt #1 Grit Collector.**
- **Replaced Wear Blocks On #2 Grit Collector.**
- **Repaired Belt Press Sensors, Belts, and Scrappers.**
- **Repaired Weir Plates On #3 Primary Clarifier.**
- **Repaired Valves and Piping to Gravity Sludge Thickener.**
- **Gravity Sludge Thickener Sludge Hauling Due to Equipment Not Being Able to Handle Solids Loading.**

- Gravity Sludge Thickener Complete Overhaul Due to Equipment Degradation.
- Secondary Sludge Pumping and Hauling Due to Plant Equipment Not Being Able to Process Solids Correctly.
- #1 Grit Collector Down for Repair Currently
- #1 Denite Wet Well Pump VFD Is Currently Not Functioning.
- Hole In Piping Under Primary Pumping Station to Be Repaired.
- Glass window on Storage Building.
- Boiler Repairs Were Made Thru Out the Year.
- 2- Non potable pumps replaced
- 2 -Denite Eff filter valves and actuators 01-08-2024
- Pump station number seven #1 pump pulled.
- #1 mixer on MMBR replaced. 01-05-2024
- Replaced broken pipe under primary pump station. 11-25-2023 till 12-21-2023
- Air relief tank primary sludge pump #2
- Repac digester sludge pump #2
- Number two primary clarifier belt replaced.
- Methanol eye station potable line broken
- Grit collector #2 blower motor
- Transducer at #9 lift station broken.
- The plant needs to replace Denite filter station floats and transducers.
- Netzch pump lobes are worn out and need replacing.
- primary wet well pump #4 switch needs to be replaced.
- Took Number Three (3) primary offline to be cleaned and bottom scraper repaired.
- Took Number Four (4) primary offline to be cleaned.
- Seals under Number two (2) digested sludge pump.
- GST placed back online.
- Grit collector blower motor replaced and breaker on Number one (1)
- Installed T2 Netzch pump for belt press.
- Rebuilt Number (2) secondary piston pump
- Replaced timers On Belt Press control panel.

- Replaced pump on Effluent sampler.
- Replaced Digester Ladder Bracket
- 500 Kw Generator leaking fuel into the oil at Wastewater Plant
- Replace compressor for descant for Denite station.
- Number two secondary is currently down for repairs from 04-17-2024 to 05-13-2024- New flights ordered and center column off plum
- Skid steer Glass had broken during clean up
- Ratcheting relay at number six (6) Taylor pump station faulting
- Belt press belts replaced on pressure side 4-20-2024
- Non-pot line broke on primary number 2 4-21-2024
- Number 2 transfer sludge pump clogging once a week since 04-8-2024 till 05-7-2024
- Cedar Run Pump number 3 impeller had fallen and is down for repairs
- 15 kw generator had caught fire in the exhaust
- VFD number 2 primary wet well pump faulted ground
- Netzsch pump taken down for cleaning on weekly basis
- Methanol control board fixed 5-6-2024
- Replaced Number one VFD at cedar Run pump station 5-3-2024
- Head works slide gates install
- Brake line on Colorado
- Number one blower motor MBBR 5-30-2024
- Digester boiler gasket replacement.
- Relay at Taylor pumpstation 06-03-2024
- Denite filter relief valve
- Denite dryer ports leaking air
- Turkey Run Transducer replaced
- Grit collector Number One Broken Chain
- Grit Collector number two broken sheer pin and overloaded grit channel
- Broken lower belt on belt filter press
- Pressure relief valve on Backwash line in Denite
- Slide Gates have been completed. 7-3-2024
- MBBR blowers tripped out (hard reset completed) 7-3-2024
- Drive on Secondary number 2 bearings squealing 7-3-2024

- Methanol pump broken hose 7-6-24
- Gold Cup pump station reprimed 7-6-24
- Number one primary pump losing prime 7-7-2024
- Rady Park Pump one tripped. 07-14-2024
- Number one polymer pump flushed 07-13-2024
- Number one Primary piston pump collar rebuilt 7-21-2024
- Number 2 digested sludge pump shims replaced 7-23-2024
- MBBR blowers tripped out (hard reset completed) 7-20-2024
- Pressure relief valve fixed in Denite backwash line 07-23-2024
- AC Unit in Denite control room stopped working 7-25-24
- MBBR Tripped out 7-27-24
- Roller on belt press broke on pressure section/Lower belt broke 7-28-24
- Number one primary pump broke shear pin on 8-5-24
- Number one primary pump belts broke 8-12-24
- Water heater leaking
- Number one blower on Denite system bearings went bad.
- Number two pump at Cedar Run water jacket leaking 8-8-24
- Taylor Pump station Number one pump installed 9-3-24
- 9-17-24 Broken pressure gage replaced at Taylor pump Station
- 10-31-2024 Number one secondary drive squealing. (Looking into fixing.)
- 11-9-2024 Belt press lower belt had broken.
- 11-25-2024- Two Rpz's failed at Wastewater Plant
- 11-27-2024 -ChemScan unit needs service (High Methanol Feed during low flows.)
- 12-01-2024- Transfer and Digested sludge pumps leaking.
- 12-15-2024- Number Two Denite Influent valve actuator broke and replaced.
- 12-16-2024- Number Two Denite Influent valve actuator broke and replaced.
- 12-17-2024- Denite Blower number one keyway broken. Fixed day of.
- 12-17-2024- Air Dryer and oiler repaired.
- 12-18-2024- Number 4 Denite Influent valve actuator broke and replaced day of.

- **12-18-2024- Number 4 Denite Effluent valve actuator broke and replaced day of.**
- **12-23-2024- Number one Denite Influent valve air actuator broke. replaced day of.**
- **12-24-2024- Heat in main building stopped working.**
- **12-26-2024- Heat in main building repaired.**
- **12-26-2024- Number 2 Denite backwash air actuator broke. Repaired day of.**
- **12-29-2024- Cedar Run main entrance door broken.**
- **12-31-2024- Number three Wet Well Pump Underload fault on VFD**
- **12-31-2024- Air actuator on Denite blowers broken.**