

**EUSI, LLC Operational Support Services Relating
To the
Wastewater Treatment Facility and Collection System
December 2024**

Mrs. Rainie Torrance,

Please find below a summary of our services provided associated with the operational support services for the wastewater treatment facilities for the month of December 2024.

- The daily average flow for the month of December 2024 was 0.418 MGD.
- Completed the November monthly 2024 monitoring report for the state.
- Conducted in-house process control testing for the SBRs.
- Sent out the weekly and monthly samples as required by the monitoring permit.
- Tested the plant lift station and plant alarm callouts.
- Administrative coordination with finance and the administrative staff at 3rd street is ongoing.
- Inspected facility perimeter fences and percolation ponds.
- Operations staff decanted the digester to limit the amount of sludge that needed to be sent to the drying beds for further processing and ultimate removal to the off-site landfill.
- Completed routine monthly inspection of the Kubota tractor, the 4" trash pump, and the jetter.
- Preventive Maintenance Program is ongoing per operating hours of the various plant components.
- Completed the bar screen service and inspections throughout the month.
- Completed weekly inspection of the emergency generator prior to and during its weekly test runs.
- Ongoing communication with City staff regarding items associated with the overall wastewater system.
- Staff completed repairs to SBR #2 backflush valve and installed the valve and tested for functionality. This valve is working properly and SBR #2 can be placed into service in a modified single tank mode. Further consideration will be made on whether or not to make this change after the holidays in early January.
- Operations staff ordered replacement probes for the DO meter.
- Vehicle maintenance staff completed repairs on the Kubota tractor, it is now available for use.
- City IT staff installed new desktop computer for the control system for the plant. This went well and has improved reliability of the monitoring and control system for the plant.

Supplemental repair services, exceptional event(s) during the month of December.

- December 1, 2024 Operations staff came to the site at ~1845 hrs to sequence the decant due to issues that were being experienced with the effluent valve closure. (1.0 hr, No charge for this activity).
- December 2, 2024 Operations staff came to the site at ~1845 hrs to sequence the decant due to issues that were being experienced with the effluent valve closure time. (1.0 hr, No charge for this activity). The controls integrator (PLC programmer) changed some programming to delay starting the motive pump until the effluent valve is in a closed position.
- December 4, 2024 Operations staff replaced the mac air solenoid control valve on the SBR #1 back flush valve. (1.0 hour, no charge for this activity).
- December 14, 2024 City on-call staff was called out for a control panel alarm. Motive pump #2 was in alarm (it was offline and not an operational factor) and effluent valve #1 failure. The effluent valve took a little too long to close and alarmed. The valve had returned to a normal state of operation by the time staff was on site.
- December 15, 2024 City on-call staff was called out at ~0245 hrs for control panel alarm for effluent pump 1 failure. The breaker was reset and returned to normal operation. (No charge for this activity as city staff responded)
- December 16, 2024 City on-call staff was called out at ~2050 hrs for a control panel alarm for effluent pump 1 failure. The breaker was reset and returned to normal operation. Due to the nature of back-to-back alarms operations staff will investigate the pump issues further during normal working hours.
- December 19, 2024 Operations staff removed EQ pump #1 one and check for obstruction in the impeller, checked oil levels and tested the pump. It appears to be an issue with the disconnect breaker, staff ordered a new breaker and will test

that. If this does not correct the issue we will need to check on a warranty for this pump as it is one of the new pumps that was installed in April of this year.

Should you have any questions regarding the monthly activity please feel free to contact me at 602-300-7946.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kris Hendricks", with a stylized flourish at the end.

Kris Hendricks, EUSI, LLC; Managing Member