

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

- The daily average flow for the month of August 2024 was 0.487 MGD.
- Completed the July 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.
- Decanted digester to maximize capacity for wasting, as well as to maximize the space in the drying beds.
- Operations staff ripped percolation pond #3 and switched from percolation pond #2 to pond #3.
- Cleared drying beds 4, 6, 8, 9, 10, 11, 12, 13, 16, 18, 20, and 21.
- Roll off container with dried biosolids was filled and prepared for pickup and disposal at the sanitary landfill.
- Drained digester to drying beds 2, 4, 6, 8, 9, 10, 12, 13, 16, 18, 19, 20, 22.
- 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.
- Operations staff installed sludge pump in the digester and completed a confined space entry for inspection and general cleaning of the digester.

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

- August 2, 2024 installed a new backflow device for the operations office/shop. No charge for this activity.
- August 6, 2024 conducted confined space entry in SBR #2 to remove rags and check the decanter valves. Staff replaced one duck bill and one of the decanter valves as the spring retainer pin broke. Staff also measured for replacement valve extension rod as it corroded and broken in a couple of places. Staff anticipates installing new rod in September. No charge.
- August 14, 2024 Extreme Iron was on site to assist operations staff with the installation of the new motive pump guide rail bracket for SBR #2. Staff is planning to install the bracket in SBR #1 late August/early September. If the bracket cannot be installed with SBR #1 in service this work may be done in the spring when we perform the routine service and maintenance on SBR #1. No charge for these activities. See attached photos of this work effort.
- August 23, 2024 operations and wastewater staff cleaned and inspected the digester and repaired several of the diffusers. Some other diffusers require some attention will be needed and require another entry to address those issues. No charge for this maintenance activity. See attached photos of the work effort.

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

Sincerely,



Kris Hendricks, EUSI, LLC; Managing Member

Digester cleaning before and after



Motive pump guide rail bracket installation

