



City of Needles, California Request for Board Action

☐ CITY COUNCIL/NPUA ☒ Board of Public Utilities ☒ Regular ☐ Special

Meeting Date: January 16, 2024

Title: EUSI, LLC operational support services relating to the wastewater treatment facility and collection system November 2023

Background: See attached report

Fiscal Impact: None

Recommended Action: No action needed - information only

Submitted By:

City Management Review: Patrick J. Martinez **Date:** 1/10/2024

Approved: ☐

Not Approved: ☐

Tabled: ☐

Other: ☐

Agenda Item: 6

**EUSI, LLC Operational Support Services relating
To the
Wastewater Treatment Facility and Collection System
November 2023**

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 November 2023.

- The daily average flow for the month of November 2023 was 0.451 MGD.
 - Completed the October 2023 monthly 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 permits.
 - Tested the 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.
 - Staff ripped percolation pond #3 and switched from pond #2 to #3 on November 14th.
 - Drained digester to drying beds 4, 10, and 21.
 - Staff loaded roll off container from drying bed 24 and called for off-site disposal.
 - Completed monthly service on the Kubota tractor, the 4" trash pump, and the jetter.
 - The new hub and seal arrived and has been replaced on the Kubota.
 - Decanted supernatant from the digester to limit the impact on space in the drying beds.
 - Preventive Maintenance Program and preventative maintenance activities are 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.
 - The 2 new effluent EQ pumps were ordered, they have a 20-24 week delivery time.
 - Simon Sewer cleaned sections of the sewer for this half of the year. They will be back near the middle of 2024.
- Our goal is to clean the entire collection system once every 3 years.

Supplemental Repair Services, Exceptional Event(s) and Other Notable Information:

- November 12, 2023 city on-call staff was called out for a control panel alarm for SBR #1 effluent valve failure. Alarm was due to extra time needed to decant the basin to the stop level, the valve returned to normal operation with no further issues. No charge for this activity as City staff was responsible for the call out response.

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