



Needles, California Request for Board Action

CITY COUNCIL NPUA BOARD OF PUBLIC UTILITIES
 Adjourned Regular Special

Meeting Date: March 1, 2022

Title: EUSI, LLC operational support services relating to the wastewater treatment facility and collection system January 2022

Background: See attached report

Fiscal Impact:

Environmental Impact:

Recommended Action: No action needed - information only

Submitted By:

City Management Review: Rick

Date: 2/23/22

Approved:

Not Approved:

Tabled:

Other:

Agenda Item: 7

**EUSI, LLC Operational Support Services relating
To the
Wastewater Treatment Facility and Collection System
January 2022**

Mr. Rick Daniels,

Please find below a summary of our services provided associated with the operational support services for the wastewater treatment facilities for the month of January 2022.

- The monthly daily average flow for January 2022 was 0.488 MGD.
- Compile and prepare the December 2021 monthly and the 2021 annual monitoring report for the state.
- Conducted in-house process control testing for the SBRs.
- Sent out the monthly samples as required by the monitoring permits.
- Tested the lift station alarm callouts.
- Soliciting updated pricing from a couple of other laboratories as the current provider has indicated there is a price increase beginning in 2022.
- Administrative coordination with finance and the administrative staff at 3rd street is ongoing.
- Inspected facility perimeter fences.
- Completed monthly service on the 4" trash pump and Kubota tractor. A new control switch associated with the glow pugs is needed.
- Switched from percolation pond #3 to pond #2 on January 6, 2022.
- Decanted clear water from the digester to maintain adequate space for future use.
- Drained sludge to drying beds 1, 3, 5, 7, 11, 12, 13, and 14.
- Preventive Maintenance Program and preventative maintenance activities are ongoing per operating hours of the various plant components.
- Completed the bar screen service with inspection.
- Completed weekly inspection of the emergency generator prior to and during its weekly test runs.
- Removed floating debris and plastics from the Bazoobuth, K-street, and Jack Smith Park lift stations.
- Continued work on updating the contingency plan for County Fire.
- Ongoing communication with City staff regarding items associated with the overall wastewater system.

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

- January 4, 2022 operations staff replaced the motor starter, overloads, run and start capacitors and potential relay for pump #2 at the K street lift station. No charge for this activity.
- January 14, 2022 operations staff was called out for the at 1420 for power outage and pump failure at the K Street lift station. Coordinated check with Justin and electrical staff to troubleshoot. Was not able to get the pump running today will plan to address the issue on Monday during normal business hours. (1.0 hour = \$75.00)
- January 15, 2022 operations staff was called out for a high water alarm at K street lift station. Level was pumped down prior to arrival. Due to the high level staff took some time to troubleshoot the issues with pump #1 a bit further. Changed out motor starter and still no improvement. Further investigation will be done on Monday during normal business hours. (1.5 hrs = \$112.50)
- January 17, 2022 wastewater staff spent time at K Street troubleshooting issues with pump number 1 and found some bad connections in the junction box that were causing the breaker to trip. These connections were addressed and the pump was returned to normal operation. No charge for this activity.

- January 22, 2022 operations staff called out at 1754 hrs for control panel alarm, it was for a high water condition in SBR #1. Staff checked and all conditions were normal, no action needed. (0.5 hrs = \$37.50, No Charge for this activity)
- January 28, 2022 operations staff replaced the exhaust fan for the blower galley (1.5 hours = \$112.50 No charge for this activity).

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