



Needles, California Request for Board Action

CITY COUNCIL NPUA BOARD OF PUBLIC UTILITIES
 Adjourned Regular Special

Meeting Date: January 18, 2022

Title: EUSI, LLC operational support services relating to the wastewater treatment facility and collection system November and December 2021

Background: See attached report

Fiscal Impact:

Environmental Impact:

Recommended Action: No action needed - information only

Submitted By:

City Management Review: Rick

Date: 1/12/22

Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>	Tabled: <input type="checkbox"/>	Other: <input type="checkbox"/>
			Agenda Item: <u> 9 </u>

**EUSI, LLC Operational Support Services relating
To the
Wastewater Treatment Facility and Collection System
November 2021**

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 November 2021.

- The monthly daily average flow for November 2021 was 0.484 MGD.
- Submitted the September, October, and 4th quarter 2021 monthly monitoring reports for the state.
- Conducted in-house process control testing for the SBRs.
- Sent out the weekly, monthly, and final annual samples as required by the monitoring permits.
- Tested the lift station alarm callouts.
- 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.
- Decanted clear water from the digester to maintain adequate space for future use.
- 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 Bazooouth, K-street, and Jack Smith Park lift stations.
- Simon sewer was in town to clean the regularly scheduled portions of the City collection system.
- Ongoing communication with City staff regarding items associated with the overall wastewater system.
- CJIPA provided CPR training for wastewater and other city staff.
- CUPA inspection was conducted on November 18, 2021. They indicated that the contingency plan will need to be updated by September 30, 2022.
- Pulled both pumps at the K Street lift station due to elevated amperage readings. Staff found rags in both pumps and the station was returned to normal operation.

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

- November 14, 2021 operations staff was called out at 1051 hours for an alarm at the K-Street lift station for a pump #2 overload alarm. The motor starter was reset and returned to normal operation. (0.5 hrs = \$37.50)
- November 17, 2021 operations staff was called out at 1630 hours for a pump #2 overload will check the pump on the 18th. No charge for this activity.
- November 23, 2021 operations staff repaired the exhaust fan for the blower galley. No charge for this activity.
- November 27, 2021 operations staff was called out by the answering service for a reported missing manhole at 145 K Street. Staff responded and met with the sheriff, they did not find anything as was reported. (0.5 hrs = \$37.50)

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

**EUSI, LLC Operational Support Services relating
To the
Wastewater Treatment Facility and Collection System
December 2021**

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 December 2021.

- The monthly daily average flow for December 2021 was 0.481 MGD.
- Submitted the November 2021 monthly monitoring report for the state.
- Conducted in-house process control testing for the SBRs.
- Sent out the monthly and the balance of the annual samples as required by the monitoring permits.
- Tested the lift station alarm callouts.
- 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.
- Began work on annual report for the State.
- Decanted clear water from the digester to maintain adequate space for future use.
- Drained sludge to drying beds 15, 16, 19,20, 21, and 22.
- 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.
- 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:

- December 13, 2021 operations staff replaced the air control valve on the SBR #1 backflush valve. No charge for this activity.
- December 14, 2021 operations staff called out at 2200 hours for a control panel alarm. The issue was a failed effluent EQ pump #1. Pump will be removed during normal business hours and a spare pump will be installed. (0.5 hrs = 37.50)
- December 15 and 16, 2021 wastewater staff rewired EQ pumps #1 and #2 with different connectors. Work on troubleshooting issues with the controls for both pumps. No charge for this activity.
- December 20, 2021 wastewater staff was called out for a control panel alarm for EQ pump #1 at 1544 hrs. Staff switch the #2 pump to the lead and will investigate the issue during normal business hours. (0.5 hrs = \$37.50)
- December 21, 2021 wastewater staff switched pump #1 to the pump #3 control panel and tested. No issues with the electrical change. Troubleshooting of the pump #1 controls will be forthcoming. No charge for this activity.
- December 30, 2021 operations staff was called out for a high water at K Street lift station. Pumps were found to be inoperable. Staff was able to get one pump running and the team will plan for further investigation during normal business hours. Staff had over 16 man hours for this work effort between two different trips. Staff checked the station at least once per day throughout the weekend to ensure that the one pump was keeping up with the demands. (3 hours = \$225)

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