



FAIRBANKS RANCH COMMUNITY SERVICES DISTRICT

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MEMORANDUM

To: Board of Directors
From: Chuck Duffy, General Manager
Subject: Report On District Capital Projects
Date: August 4, 2025

Below is an update report on the district capital projects for FY2025/26. Since we are in the early stages of the fiscal year, most projects are obviously in the preliminary stages. For reference, Randy Stevens is our onsite plant operator, and Ken Burtech is our field operations supervisor.

Capital Projects - FY 2025/26

Pipe from treatment plant onsite manhole to odor control system - \$22,000

This project will install a pipe from the onsite manhole from the sewer main serving the school, the commercial plaza, and a smattering of homes. The pipe will run to the headworks building, which is connected to the odor control system, so any odors emanating from that manhole will be scrubbed by the odor control system.

8-4-2025 Update – Randy has met with Maxim pipeline to go over the parameters on staging of the work so they can provide a bid.

Pre-design for upgrade of TP onsite pump station - \$20,000

The outdated Smith & Loveless onsite pump station at the treatment plant is a wet well/drywell design, which means the operators must go down 20' underground into the drywell to service the pumps and electrical. The revised pump station will consist of the wet well with submersible pumps installed. This configuration allows the operators to lift the pumps to the surface to work on them. Design will occur this year, and the actual pump station reconfiguration will take place the following fiscal year.

8-4-2025 Update – Ken has been working with Flygt Pumps to spec out submersible pumps that can fit within the constraints of the existing onsite pump station wet well.

SCADA for treatment plant - \$32,000

We have been installing the Mission control system at the treatment plants and some pump stations within the three districts. These additional controls allow district staff to monitor workings at the treatment plant to help prevent operational breakdowns.

8-4-2025 Update – Staff has met with Mission Control Systems to specify the operations processes that would benefit from offsite, online monitoring at the plants. They will design a system for their bid.

Inspection of Oxidation Ditch concrete - \$15,000

This project will inspect the concrete lining of the oval racetrack oxidation ditch to ensure its structural soundness.

8-4-2025 Update – Work has not yet begun on this project.

CCTV for district sewer mains - \$25,000

District staff will coordinate with a local CCTV company to spot inspect various sewer mainlines within the district to gauge the condition of the district's sewer pipelines.

8-4-2025 Update – Ken will sit down with Jeff and I to identify the most useful spots for CCTV. One of the obvious sections is the line that comes in from the Plaza and the school due to potential grease buildup.

New clarifier scum pump system - \$12,000

The clarifier scum pump system does not work automatically as it should, which can result in the floating scum potentially going over the weirs and affecting our effluent quality.

8-4-2025 Update – Randy is working with Sloane Electric to replace the scum pump, float system, and a minor redesign of the system to fix this slightly problematic issue.