



KCWD90 — UPGRADE PUMP STATIONS 7 & 8

WHAT?

- ◇ Upgrade Pump Stations 7 & 8
- ◇ Licorice Ferns Stations built in 1990's
- ◇ Pumps, Power Panels and Telemetry are obsolete.
- ◇ Pump and Communication failure at PS #7 forced the upgrade of the Pump Stations.



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Who?

- ◇ Pump Stations 7 & 8 work together to serve 120 homes in the Licorice Ferns Neighborhood and surrounding areas.
- ◇ The District contracted with Award Construction on February 4, 2025.



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When?

- ◇ Construction has been delayed due to supply chain delays for new power panels (12 week delay).
- ◇ Construction expected to begin in April of May of 2025.
 - ◇ Construction is 120 working days.
- ◇ Expect completion by Oct or Nov 2025.



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Why?

- ◇ In March 2024, the District experienced theft of our Lumen Copper phone lines that allowed direct communications between our Office and our Pump Stations and Reservoirs via Telemetry.
- ◇ Lumen is unable to repair or replace the phone lines.
- ◇ The “fix” included adding Cellular Communications which required an upgrade of the Telemetry panels.
- ◇ A Pump Failure in Pump Station #7 in March 2024, required an upgrade of the Power Panels in Pump Station #7.
- ◇ Pump Station #7 & #8 were built at the same time and work in tandem, requiring the upgrade of Pump Station #8 at the same time.



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What's Included?

◇ New Electrical Systems

◇ Pump and Motor Replacements—
Pump Skids were purchased in advance by the District, to avoid any delays.

◇ New Telemetry Hardware and Software—
Telemetry (aka SCADA) allows for remote viewing and control of all of our pumps and reservoirs so that they can be monitored and adjusted 24/7.



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How Much?

- ◇ PS #7 = \$631,0000
- ◇ PS #8 = \$613,000
- ◇ Total project = \$1,244,000
- ◇ 100% paid for from District Rates