

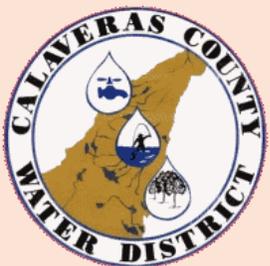
Engineering Committee Calaveras County Water District

Section 219 Grants New Hogan Reservoir to Jenny Lind WTP New Raw Water Line

September 9, 2025

Senior Civil Engineer

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Jenny Lind Water Treatment Plant (JLWTP)

Sources raw water from the Calaveras River

Raw water enters plants through an aging infiltration gallery

Located at the confluence of the Calaveras River & Cosgrove Creek.

The confluence is prone to:

- flooding

- sediment deposition

- seasonal algal bloom

The managed releases of New Hogan Reservoir compromise operations



JLWTP Infiltration Gallery

Raw water enters plants through an aging infiltration gallery

The intake to JLWTP is in an environmentally and culturally sensitive zone

Low flows from drought reduce capacity

Water quality concerns

Varying flows,

Sedimentation and,

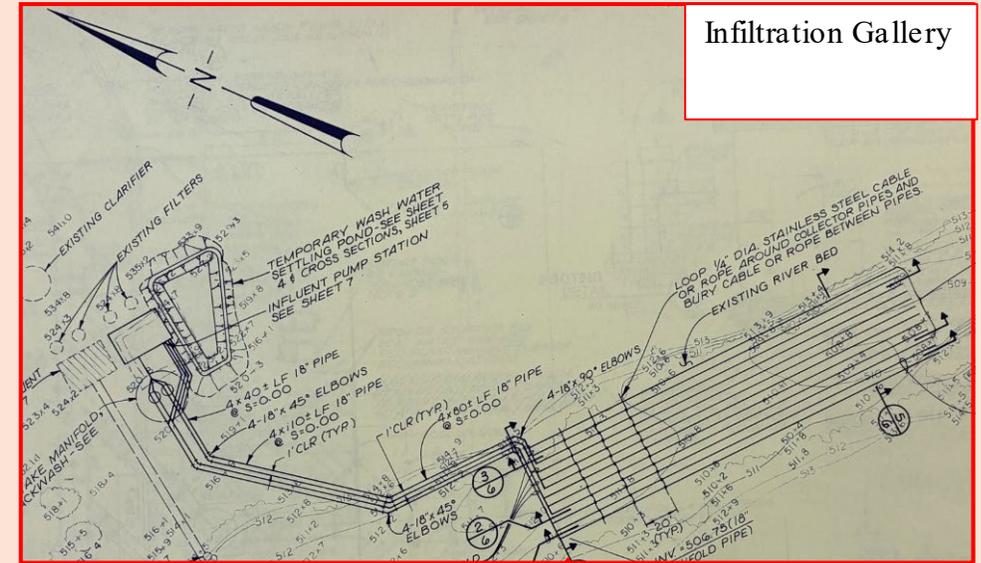
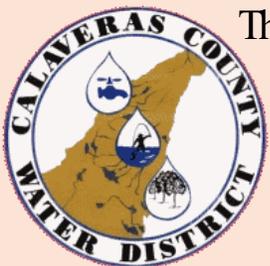
algal blooms

High flows concerns

Destroys gravel pad access

Disrupt Operations

Threaten water quality



Infiltration Gallery



Cosgrove Creek

Calaveras River

Infiltration Gallery

Alternatives

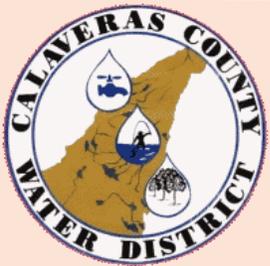
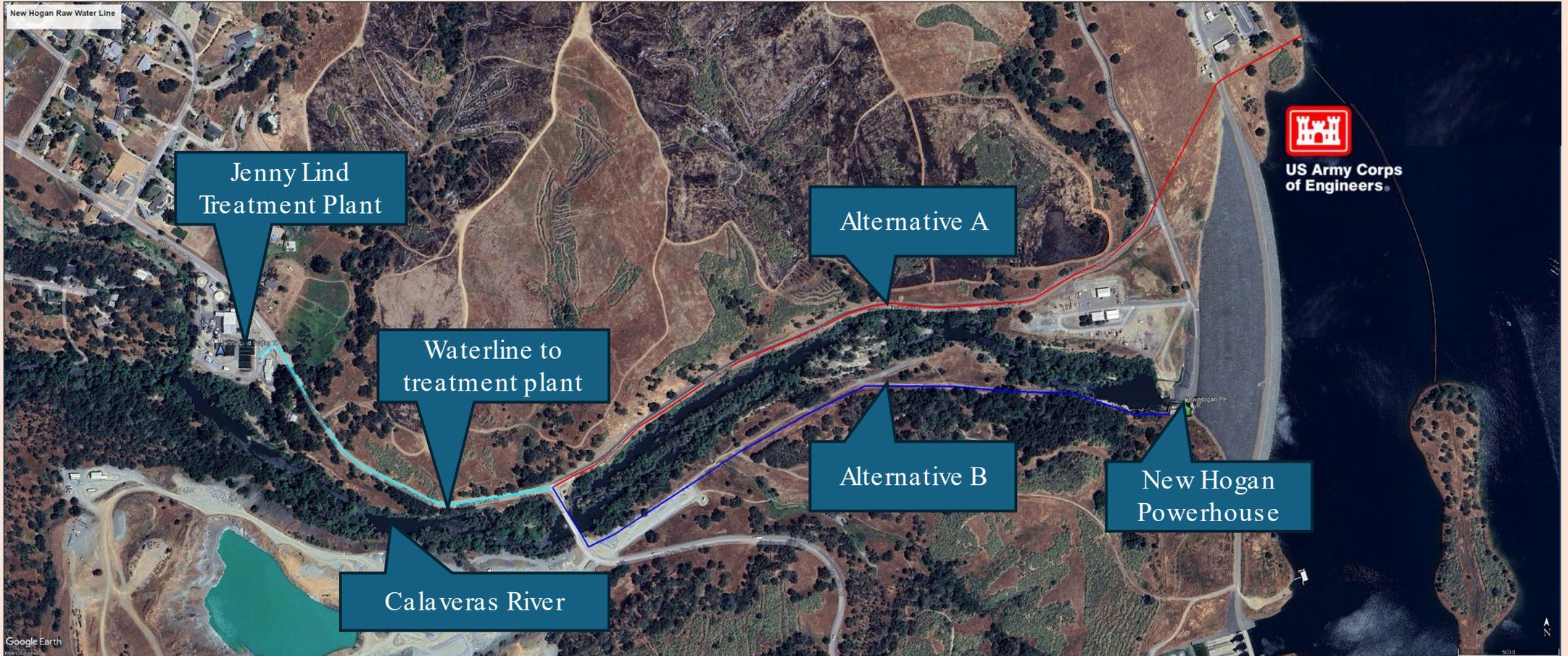
Alternative A

A waterline running through the natural earth to Hogan Dam Road. This line would extend to the junction of Hogan Dam Road and Silver Rapids Road. This junction is at the Northeast end of the bridge that crosses the Calaveras River.

Alternative A

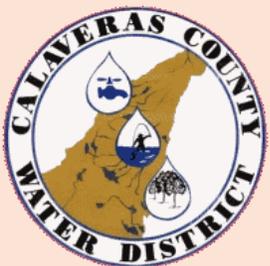
A water line running from a junction with the New Hogan Powerhouse, through natural earth to the undeveloped road that parallels the Calaveras River and crosses the river to the Northeast side of the bridge where the waterline joins the treatment plant on Silver Rapids Rd.





Current Status/Progress

- Preliminary schematic developed
- Preferred alternative identified
- Section 7001 application submitted
- Letters of support collected
- Application submitted for inclusion in USACE Section 7001 Report



Financial

- Estimated total project cost \$14,045,000
- Federal share \$10,533,750
- CCWD Share \$3,511,250

