



TO: GCS D Board of Directors

FROM: Peter Kampa, General Manager

DATE: July, 2025

**SUBJECT: Agenda Item 6E: Adoption of a Resolution Approving the
Alternate Water System Water Treatment Plant Relocation
Improvements Project and Authorizing Public Bidding**

RECOMMENDED ACTION:

I move to adopt Resolution 28-2025 approving the Alternate Water System Water Treatment Plant Relocation Project and authorize public bidding.

BACKGROUND:

The Groveland Community Services District (GCS D) primary source of potable water is from the Hetch Hetchy Reservoir via the Mountain Tunnel, accessing it upstream of the Priest Regulating Reservoir. As this water meets EPA criteria for filtration avoidance, GCS D has long avoided extensive treatment. However, during outages of the mountain tunnel, GCS D must use its Alternative Water Supply Water Treatment Plant (AWS WTP) to treat the water that it pumps from Pine Mountain Lake before use.

The water is Pine Mountain Lake. The treatment facility uses trailer-mounted infrastructure installed in 2003. This temporary setup has proven labor-intensive and costly, particularly due to its location in the PML maintenance yard. Prolonged Hetch Hetchy shutdowns and recent droughts have emphasized the need for a permanent, reliable backup system. Engineers for GCS D have designed relocating the AWS treatment plant to a district-owned site near its office and wastewater treatment plant, resolving logistical challenges and strengthening the continuity of water services for the community.

As part of the AWS Water Treatment Plant relocation, several key components will be relocated. This includes the chlorine contact tanks, the membrane filtration trailer, booster pumps, and electrical systems. The chlorine tanks will be reconfigured to enhance disinfection performance and minimize short-circuiting. To help with site storage, a new 10,000-gallon Clearwell will be added. In addition, chlorine dosing points will be adjusted to optimize chemical treatment throughout the process.

The adoption of this resolution will allow staff to publicly bid the AWS WTP Relocation Improvements Project and will provide sufficient redundancy during mountain tunnel outage conditions to ensure Groveland CSD can continuously provide potable water to the service area.

FISCAL IMPACT:

Construction costs for the AWS WTP Relocation Improvements Project are estimated to cost approximately \$2,601,000.00. The costs for the proposed Project will be covered in full by the existing Urban Multibenefit Drought Relief Grant from the State of California Department of Water Resources.

ATTACHMENTS:

1. Resolution 28-2025
2. Engineers Estimate

RESOLUTION 28-2025

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE GROVELAND COMMUNITY SERVICES DISTRICT APPROVING THE ALTERNATE WATER SYSTEM WATER TREATMENT PLANT RELOCATION IMPROVEMENTS PROJECT AND AUTHORIZING PUBLIC BIDDING

WHEREAS, the Groveland Community Services District (herein referred to as District) is a local government agency formed and operating in accordance with Section §61000 et seq. of the California Government Code; and

WHEREAS, the District has the authority to construct, operate and maintain sources of raw water supply for potable water purposes; and

WHEREAS, the District needs to relocate the existing Alternate Water System Water Treatment Plant to an alternative site to improve site conditions, operation efficiency; and

WHEREAS, the District needs to relocate the existing Water System Water Treatment Plant to land owned by the District; and

WHEREAS, AM Consulting Engineers has developed plans for relocating the existing Water System Water Treatment Plant, along with key upgrades to enhance its performance and reliability; and

WHEREAS, the Groveland Community Services District has received an Urban Multibenefit Drought Relief Grant from the State of California Department of Water Resources to fund the Project in whole; and

WHEREAS, the construction of the proposed Water System Water Treatment Plant relocation will have no fiscal impact on the Groveland Community Services District.

NOW THEREFORE BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF THE GROVELAND COMMUNITY SERVICES DISTRICT DOES HEREBY approve as follows:

1. Authorize Staff to solicit bids for the Water System Water Treatment Plant Relocation Improvements Project.

WHEREFORE, this Resolution is passed and adopted by the Board of Directors of the Groveland Community Services District on July 8, 2025, by the following vote:

- AYES:
- NOES:
- ABSTAIN:
- ABSENT

APPROVE:

Nancy Mora, Board President _____

ATTEST:

Rachel Pearlman, Board Secretary _____

CERTIFICATE OF SECRETARY

I, Rachel Pearlman, the duly appointed and acting Secretary of the Board of Directors of the Groveland Community Services District, do hereby declare that the foregoing Resolution was duly passed and adopted at a Regular Meeting of the Board of Directors of the Groveland Community Services District, duly called and held on Jul 8, 2025.

DATED: _____

Groveland CSD
Alternative Water Supply Water Treatment Plant Relocation Project
Engineers Estimate

Item No.	Item Description	Estimated Quantity	Units	Unit Price	Item Total
Base Bid					
1	Mobilization, Demobilization, Bonds and Insurance	1	LS	\$262,000	\$262,000
2	Tuolumne County Air Pollution Control District (Permit to Construct)	1	LS	\$2,000	\$2,000
3	As-Built Drawings	1	LS	\$2,500	\$2,500
4	Excavation Through Rock	300	CY	\$150	\$45,000
5	Demolition	1	LS	\$60,000	\$60,000
6	Clearing, Grubbing, Stripping, Earthwork and Grading – AWS WTP	1	LS	\$150,000	\$150,000
7	Miscellaneous Site Improvements – AWS WTP	1	LS	\$100,000	\$100,000
8	Membrane Filtration Improvements – AWS WTP	1	LS	\$100,000	\$100,000
9	Chemical Storage/Dosing Improvements – AWS WTP	1	LS	\$70,000	\$70,000
10	Chlorine Contact Tank Improvements – AWS WTP	1	LS	\$50,000	\$50,000
11	Clearwell Improvements – AWS WTP	1	LS	\$25,000	\$25,000
12	Booster Pumps	1	LS	\$25,000	\$25,000
13	Concrete Foundations	1	LS	\$100,000	\$100,000
14	Raw Water Pipelines, Fittings, Valves, Appurtenances and Influent Box – AWS WTP	1	LS	\$87,500	\$87,500
15	Filtered Water Pipelines, Fittings, Valves and Appurtenances – AWS WTP	1	LS	\$70,000	\$70,000
16	Treated Effluent Pipelines, Fittings, Valves and Appurtenances – AWS WTP	1	LS	\$102,000	\$102,000
17	Drain Pipelines, Fittings, Valves, Appurtenances and Drain Inlets – AWS WTP	1	LS	\$200,000	\$200,000
18	Chemical Pipelines, Fittings, Valves and Appurtenances – AWS WTP	1	LS	\$100,000	\$100,000
19	Intake Extention – Influent Raw Water Pump Station	1	LS	\$50,000	\$50,000
20	Electrical & Instrumentation – AWS WTP	1	LS	\$750,000	\$750,000
21	Electrical Sunshade	1	LS	\$25,000	\$25,000
22	SCADA Integration – AWS WTP	1	LS	\$100,000	\$100,000
23	Wireless Radio Communications Path Survey – AWS WTP	1	LS	\$25,000	\$25,000
24	Raw, Disinfected and Finished Water Analyzer Skids – AWS WTP	1	LS	\$100,000	\$100,000
Total Bid Price					\$2,601,000