



Membrane Filtration Plant for San Lorenzo River Water (/initiative/4WbC/membrane-filtration-plant-for-san-lorenzo-river-water)

Graham Hill Water Treatment Plant cannot process high turbidly water, therefore the plant switches over to Loch Lomond Reservoir to treat water during rain events. This lowers the amount of water available during the summer. If a membrane filtration plant was installed near the San Lorenzo River, this new plant could treat the highly turbid water and greatly reduce the need for Loch Lomond water. In addition, the Felton Diversion Pump Station could be better utilized for pumping water to the lake. We anticipate over 200 million gallons of new water supply with this option.

Comments

Candace Brown 1m, 1w ago

QUESTION

Didn't the recent 62% over 5 year water increase include upgrade/expansion of the Graham Hill Water Treatment Plant?

Terry McKinney 2w, 6d ago

PRO

The current CIP is to rehabilitate some old equipment, but not a complete rehabilitation of the plant. It does not expand capacity or capability.

Fred Martinez 2w, 6d ago

CON

200 million gallons is one month of water. You still need rain fall.

James Lewis 2w, 3d ago

NEUTRAL

This depends on a lot of details which need to be gotten right. It emphasizes what a bad idea it is to mix water supply problems with growth limitation. That leads straight to desal.

Jan Karwin 2w ago

This proposal is worthy of further research and evaluation by the panel of experts.

Christine Y Kirven 1w, 6d ago

SUGGESTION

I really like the Ranney collectors dealing with the turbidity issues, for so much less money. If that is not feasible, maybe this is good but in any event a second treatment plant surely makes sense for emergency redundancy, etc. Avoiding the ultra filtration needs would be good. Storage in local aquifers may also help avoid some of the costs of pumping up to the Loch for emergency storage.

Robert Bosso 3d, 23h ago

CON

Almost \$40m for 615 Af which is dependent on surface water flows does not make much sense.

Leslie Smith 2d, 22h ago

CON

I liked it until this point: "This lowers the amount of water available during the summer" Why go to the trouble and expense if we are going to have less water

Purea Koenig 2d, 20h ago

PRO

Continue to research this idea!

Scott McGilvray 2d, 19h ago

PRO

Worthy of evaluation. It increases flexibility by adding a 2nd treatment plant to Santa Cruz water system and it provides additional filtration.

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Ron Pomerantz 2d, 10h ago

PRO

Well worth further investigation