Loch-Down Alternatives - Sec. 23 of 27 (/initiative/4Xxz/loch-down-alternatives---sec-23-of-27)

The Loch-Down Alternatives achieve robust drought protection for all of mid-County by quickly recharging three vast aquifers which can store some 30 TIMES more water than the proposed desalination plant would usually produce annually. Similar to Lochquifer (Sec. 13), only the water would come from streams at elevations higher than Loch Lomond Reservoir, flowing downhill, generating hydroelectricity--with advantages regarding capital cost, energy use, water quality, flood control, turbidity control, operations feasibility, operation during power outages, and more. A new, relatively low-cost treatment plant would purify water going into and out of the Loch. Costs: Sec. 7e.

Comments

Bill Smallman 2w, 1d ago NEUTRAL

I like the "Lochquifer" idea of draining the reservoir a certain amount just before the winter rains. I think the amount should be calculated from a relatively dry year, and perhaps the draining could be increased during heavy storms. I advocate piping this water over to a reservoir at the Olympia Quarry I call "Ley Lake". I don't think Santa Cruz and SqCWD should put too much emphasis on Loch Lomond, because that is SLV and SV territory, and think both conservation and recycle basically

solve their issues and water from Loch would only be used during dry periods. Also I think we need more Loch Lomonds. Marin County has almost 8 times the storage capacity in the form of reservoirs for about the same population.

Jan Karwin 2w ago PRO

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

Claire Paul 1w, 3d ago PRO

I like Jan's "worthy of further research by experts.

John Aird 1w ago PRO

Uncertain relative to costs, but concept seems to have much potential

Purea Koenig 2d, 19h ago PRO

Seems to have potential - look into further !

Kelsey Ramage 2d, 12h ago PRO

Brilliant and serves our longterm concerns very well