



Ranney Collectors (/initiative/4WcD/ranney-collectors)

Ranney collectors are essentially shallow wells built in a creek or river bed. Capturing water with a Ranney collector would add another tool for managing the lagoon and create a new water supply. Possible sites to target would be Baldwin Creek, Wilder Creek, Moore Creek, and the San Lorenzo River Lagoon. 5 to 8 million gallons of water per day (mgd) per collector.

Comments

Jim Mekis 4w ago

PRO

A low cost way to capture additional river water to refill Loch Lomond during the wet season, without negatively affecting fish populations. This is "low hanging fruit".

Deb Wirkman 3w, 5d ago

QUESTION

How thoroughly has the SLR lagoon been studied for contaminants, including sewage contaminants?

Chris Berry 2w, 6d ago

PRO

Great concept!

Fred Martinez 2w, 6d ago

CON

Fish and Wildlife would not allow this.

James Lewis 2w, 3d ago

PRO

Basically there is untapped ground water available within the Santa Cruz area that can be used. This seems like a desirable alternative to pursue.

Jan Karwin 2w ago

PRO

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

Christine Y Kirven 1w, 6d ago

PRO

Thorough report and if the geology suits, what a great solution for capturing water when it has been left in the river due to turbidity. I would avoid the lagoon as it needs more pumping up to GHWTP but if a new treatment plan were also built, keeping the whole operation at lower elevation could avoid a lot of energy use. Lagoon issues include sea level rising anyway...assume bird poop is mostly removable..

Jude Todd 1w, 2d ago

NEUTRAL

I like the Ranney collector concept for enabling use of turbid water -- appropriate technology that makes use of water that the fish don't need.

Steven King 3d, 22h ago

PRO

A remarkably well-thought-out proposal. I was unaware of how the turbidity constraint was limiting the harvesting of winter flows. This seems like a solution to that problem.

Elizabeth Scholar 3d, 20h ago

PRO

Great idea!

Leslie Smith 2d, 21h ago

CON

I'm going to have to say no to this. I don't want to go to the creek and have to hear noisy pumps

Purea Koenig 2d, 20h ago

PRO

Continue to research this idea!

Scott McGilvray 2d, 19h ago

CON

These hold great promise. If an alluvial bed can be found with water running through it, this is a low cost winner. Do the phase 1 (historical record search) and phase 2 (test well drilling) ASAP

Joel McKown 2d, 16h ago

NEUTRAL

Seems intrusive into the environment and hard for me to believe that there will be no impact.

Ron Pomerantz 2d, 10h ago

NEUTRAL

On the surface appears as an idea for further investigation, but the environmental impacts may preclude this plan.