



Potable Supply Diversification (/initiative/4XqA/potable-supply-diversification)

Development of new groundwater resources can diversify the City of Santa Cruz potable water supply. Wells located in the alluvium adjacent to the San Lorenzo River at the Felton Diversion, Coast Pump Station, and Tait Street well field can provide a reduced turbidity supply during periods of high runoff. Wells coupled with satellite water treatment plants in portions of the distribution system where water age affects water quality can increase supply modestly, reduce water waste, and improve quality. Sites for satellite production include the Branciforte service area, Carbonera Tank, Harvey West, University service infrastructure, Wilder Ranch, and the North Coast Recirculation Pump Station.

Submitted by Terry McKinney

Comments

James Lewis 2w, 3d ago

The only people against this proposal will be GE (the large defense contractor who developed and sold desalination equipment to the Saudis and who has worked so hard to sell it to California) and their dupes. Clearly this is best proposal to solve

Santa Cruz's occasional water shortages. I also suspect the author knows what he is talking about, unlike the many desalination flacks hired by SCMU.

Jan Karwin 2w ago

PRO

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

Jude Todd 1w, 2d ago

PRO

I think this proposal deserves serious consideration.

Fred Yukic 2d, 12h ago

PRO

There is definitely groundwater in the Purissima formation, the North Coast around Wilder and the Karst formation under UCSC. A well was drilled along Thurber Lane that tested at 200 gpm which was not followed up on.

Fred Martinez 2w, 6d ago

CON

This would be like trying to hold the sand back on the break of the beach in high flow times.

Fred Martinez 2w, 6d ago

CON

When a heavy rain comes the turbidity will be so great that no intake could function, check history. Wells in surface run off area are subject to lack of rain fall. Just because you sink a well does not mean you will get water.