



Diversion Alternatives (/initiative/4Xwg/diversion-alternatives)

SCWD and SqCWD together divert only 6% of their surface water. Much of the rest of the surface water is said to be turbid (murky and worse). To retain more useable water during peak storms, this initiative suggests using diversion devices which leave much of the turbidity behind in the first place. Such devices include properly configured:

- a. Ranney collectors,
- b. infiltration galleries, and
- c. casing path wells.

Submitted by Jerry Paul

Comments

Jan Karwin 2w ago

PRO

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

Bill Smallman 1w, 5d ago

PRO

I'd like to find out if exactly how effectively the Ranney Collector can filter out turbidity. Also, I'd like to stress the point for all storm water collection plans that the turbidity needs to be addressed at the source. We need to stop silt pollution with increase erosion control in the form of planting vs. not cutting down trees, storm drain improvements, etc. This would help the fish habitat enormously and also cut the cost of filtering this water. If the water is filtered from the gravel bed the Ranney Collector sits it, it will get all clogged up, the same way it clogs up all the "nooks and crannies" the fish need to survive, by protecting themselves with high flows and predators.

Kelsey Ramage 2d, 12h ago

PRO

I appreciate these plans for diversion alternatives