



## Clean Off-Stream Reservoirs - Sec. 19 of 27 (/initiative/4Xxb/clean-off-stream-reservoirs--sec-19-of-27)

Creates a reservoir without putting a dam across a stream, thus overcoming ecological interruption problems. Employs fish-friendly Ranney collectors or infiltration galleries which filter water headed for the reservoir, to purify it for dry-season stream habitat augmentation and human use, and eliminating reservoir silt-up. To ensure that anadromous fish enjoy the best uninterrupted and authentically natural habitat, biologists with sizable budgets eco-sensitively transplant a section of a stream to connect it to the stream in the next canyon. The original canyon, now off-stream, is then transformed into a valuable, pure and hopefully beautiful reservoir. Costs: see Section 7e.

-J. Paul

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### Comments

Jan Karwin 2w ago

PRO

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

Manu Koenig 1w, 6d ago

## QUESTION

Our streams/canyons are pretty significant landscape elements. How do you propose to divert one stream to another? Wouldn't it need to overcome significant elevation changes?

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.

Purea Koenig 2d, 19h ago

NEUTRAL

Continue to research this idea.