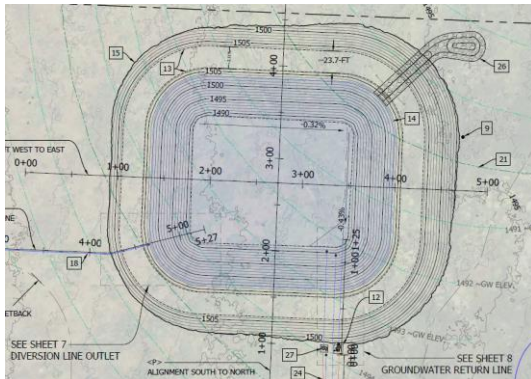


## Water Conservation



Photo by Sanctuary Forest.

Ten 80,000 gallon storage tanks will be constructed on a bluff above the camp and will store water withdrawn from Streeter Creek or caught from rain water. The tanks will be hooked up to supply domestic water for the camp that will meet SWRCB drinking water standards. Pond water will be used to water the camp grounds. Below is the 4 Mg pond drawing from Stillwater Sciences. It will be fed by flow from a fish-less intermittent creek and rain water.



## Saving the Fish



At the point of diversion for Streeter Creek where a new pump system will be installed, Stillwater Sciences has also designed a fish habitat enhancement structure that will be comprised of boulders, logs and rootwads that will provide habitat for ESA listed steelhead trout that are numerous in years when there is sufficient flow.

ERRP also has a large-scale bioengineering project on Streeter Creek on BOR slated for construction in 2025 using State Water Resources Control Board 319h grant funds.



## Restoring Flow for Fish: Black Oak Ranch Forbearance Project



- Water Conservation
- Enhancing Fish & Wildlife Habitat
- Increasing Water Security



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[www.EelRiverRecovery.org](http://www.EelRiverRecovery.org)

[www.villageecosystems.com](http://www.villageecosystems.com)

# Water Conservation Cooperation

In 2018, the Eel River Recovery Project (ERRP) won a State Coastal Conservancy (SCC) Prop 1 grant for scoping the community of Tenmile Creek watershed near Laytonville and recognized the potential of forbearance of summer stream flow by the Black Oak Ranch. The recommendation was included in the Tenmile Creek Watershed Conservation and Restoration Action Plan, and a second wave of SCC funding allowed full planning and permitting for a 4 million gallon (Mg) pond to supply water for Irene's Produce Farm, which is an important supplier of organic produce in Mendocino County.

Camp Winnarainbow is also located on BOR and 800,000 gallons of water storage will be constructed so both the farm and the camp can forbear from use of Streeter Creek and Tenmile Creek flow. The project catches rainwater on tank roofs and the pond surface and will capture 50-70% of all water needed, thus decreasing the amount of total water withdrawn.

The Salmonid Restoration Federation has taken the lead on implementation and has been awarded a Wildlife Conservation Board Prop 1 grant for construction in 2025. Streeter Creek is known to be an important stream for Chinook and coho salmon and steelhead trout.

