

Placer Land Trust Stream Team



Crew Member Volunteer Opportunity

What is the stream team?

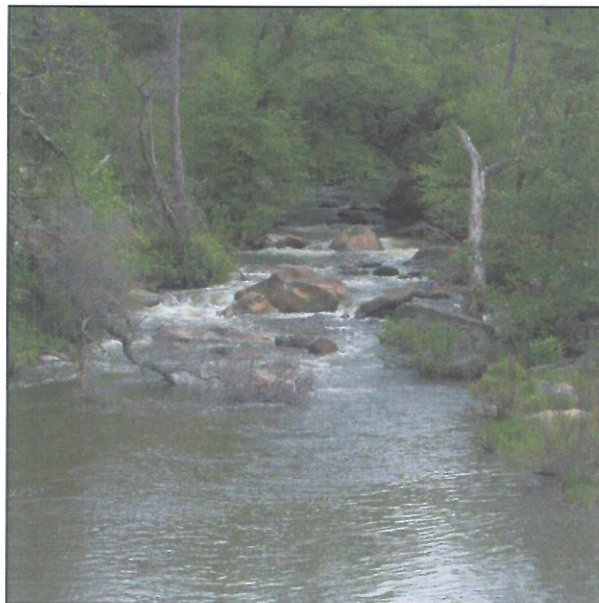
The stream team is a group of volunteers who work with Placer Land Trust to monitor the health of streams running through land trust preserves. Stream monitoring visits will be volunteer led and will take place roughly two times per year at each monitoring location. The data collected during monitoring will be used to detect pollution and habitat degradation, monitor restoration projects, and determine sites for potential restoration projects. Stream monitoring visits will have two components: a physical habitat assessment and a streamside biosurvey.

Physic Habitat Assessment

The physical habitat assessment is a good way to document changes in the stream and surrounding land use over time. It looks at vegetation, bank stability, suitable habitat, substrate composition, and land use among other things. The physical habitat assessment was developed by California's Surface Water Ambient Monitoring Program (SWAMP).

Streamside Biosurvey

The streamside biosurvey looks at the variety and types of organisms living in a stream. The biosurvey is a good proxy for stream health since the organisms that live in the stream are influenced by chemical, physical, and biological and experience everything that happens in the stream.



Coon Creek on Taylor Ranch Preserve



Doty Ravine on Doty Ravine Preserve

Crew Member Requirements:

Volunteer monitors are not required to have knowledge or experience previous to joining the program. Monitors will be required to attend a training to learn Placer Land Trust's stream monitoring protocol. Training may be conducted in the office or the field. Monitoring visits will require some degree of physical fitness as they can entail a short to moderate hike to the monitoring site and it is necessary to wade in the stream to collect information. The time commitment for this program may vary for each volunteer. We would like the volunteer monitor to commit to monitoring one stream twice per year at a minimum but we will do our best to make this program work for you.

Crew Member Benefits:

This is a wonderful opportunity for volunteers to learn about stream habitats and health and how to identify macroinvertebrates to order. Volunteer stream monitoring is also a great way to enjoy the outdoors and visit places that are not normally open for public access while having a positive impact on natural resources in your area. Last but not least, this is intended to be an enjoyable experience where you can work with other great volunteers!



Contact Placer Land Trust if you are interested in joining the stream team or if you would like more information about this program or any of our other volunteer opportunities.



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