

McKenzie Watershed Council Citizen Water Quality Monitoring Program

Community Profile:

Population 6,000, Cedar Flats to McKenzie Bridge

Location Southern Willamette Valley

Position Description:

Sponsor McKenzie Watershed Council

Supervisor Louise Bilheimer, Administrative Director, Pacific Rivers Council

Assignment

Participant will serve as the Coordinator for the Citizen Water Quality Monitoring Project in the McKenzie Valley. For this project, the worker will design and implement a citizen water quality monitoring system including sampling sites, parameters and methods, organizing volunteer groups, coordination with local schools, training procedures, quality controls and implementation process. Specifically, the participant will determine what citizen volunteers can do in water quality monitoring. With this information, a reliable replicable model will be created for use by other jurisdictions.

Required Skills

Familiarity with water quality issues; data collection and analysis skills; team work in problem solving; ability to work with teachers and middle school students; volunteer coordination; environmental impact assessment.

RARE Member: Tina Whitman - 1995-1996, Year 2 Participant

Tina completed her BA in Environmental Design at the University of Colorado, Boulder in 1992. Through the course of her studies she was exposed to problem solving projects using statistical methods as well as research methods used in Environmental Impact Statements. Since that time she has worked extensively in environmental education and management with an emphasis in wildlife and resource preservation.

Tina is interested in being involved in a project that seeks to stabilize the quality of the environment and the quality of life by restoring the connection between the sustainability of economic and ecosystems through community development, ecosystem evaluation and restoration. Her computer skills include knowledge of Word for Windows processing and spreadsheet creation.