

Student Intern Opportunity

Water Quality Testing and Laboratory Analysis

Devils Lake/Devils Lake Water Improvement District

Location: Devils Lake, Lincoln City Oregon

Duration: Summer Term, End of May Through Early September, each year

Pay Rate: \$12-\$15 per hour

Housing: Not Required

Description/Work Conditions: Devils Lake Water Testing/Lab Work. Generally, work includes lake water “grab” sampling in thirteen locations for E-coli bacteria on a once per week basis. If Blue/Green Algae (Harmful Algal Blooms or HAB) is noticed, additional testing and lab work will be accomplished for that identification. Lab work follows sampling. Due to sample incubation requirements, lab work is a two-day effort. Day one is a 4-6 hour event, day two is usually four hours including test result reporting. Dependent upon the needs of the District there may be additional hours/tasks available throughout the week. All samples will be taken either from a Devils Lake Water Improvement District boat or at one or more public access adjacent to the locations. Work is performed in daylight and all usual outdoor conditions on the Central Oregon Coast from late spring to early fall. Some boat travel and very short hiking is required. All Interns will receive a water testing and laboratory familiarization session, with oversight provided by the Devils Lake, District Manager.

Transportation: Student Responsibility

Background: Devils Lake has an ongoing water testing program that extends from Memorial Day through Labor Day, each year. This water quality work is accomplished in support of sustaining a healthy lake environment and enabling safe public lake recreation. Since swimming and non-motorized water craft usage is very popular, the Devils Lake Water Improvement District very much relies on this testing and notification regime to ensure the safety of residents and visitors and their pets.

Additional organization information is available on the Devils Lake Water Improvement website at www.dlwid.org. See the Water Quality tab for related background data.