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Northern Water, 220 Water Ave.
Berthoud, CO 80513
Email Preferred: careers@northernwater.org

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Aquatic Ecology Intern

Division/Department: Environmental Services/Environmental Planning
Reports to: Environmental Planning Department Manager
Location: Berthoud, CO
Type of Position: Internship
Status: Non-exempt
Salary Range: \$18 - \$22/hour

GENERAL STATEMENT

The Aquatic Ecology Intern will contribute to Northern Water's monitoring and applied science investigations focused on aquatic ecosystems and resource management. Working closely with a multidisciplinary team of scientists and professionals, the intern will support ongoing research and monitoring projects while gaining hands-on experience in aquatic ecology and limnology.

INTERN DUTIES AND RESPONSIBILITIES

- Conducts fieldwork to collect biological, chemical, and physical samples in aquatic environments.
- Analyzes data using specialized software, programming, and modeling tools.
- Develops technical reports and visual materials to communicate findings effectively.
- Participates in literature reviews and hypothesis development for applied ecological investigations.
- Operates and maintains field equipment for monitoring and sampling tasks.
- Collaborates with team members and stakeholders to contribute to ongoing projects.
- Supports data quality assurance and processing activities.

INTERNSHIP BENEFITS

- Gain practical experience in aquatic ecology and resource management with current Aquatic Ecologist and other collaborating scientists.
- Shadowing, mentoring, and training opportunities with experienced scientists, specialists, and technicians.
- Develop technical skills in field sampling, data analysis, and reporting.
- Enhance understanding of stakeholder engagement in applied science investigations.
- Work alongside experienced professionals in a collaborative and supportive environment.
- Build a professional network in the fields of Biology, Ecology, and Natural Resources.

EDUCATION REQUIREMENTS

- Must be currently enrolled in an undergraduate or graduate degree program in Biology, Ecology, Natural Resources, Environmental Science, or a related field.
- Must be Senior level undergrad or graduate level student in an accredited Biology, Fisheries, Ecology, Environmental Science, Watershed Science, or related program.

KNOWLEDGE, SKILLS AND ABILITIES

- General understanding of aquatic ecosystems and ecological principles.
- Basic proficiency with data analysis tools and software (e.g., R, Python, or GIS).
- Strong organizational and time-management skills.
- Effective written and verbal communication skills.
- General knowledge or experience with aquatic chemical or biological sampling techniques is desired.
- Extensive ability to work independently and collaboratively.
- Basic capability to synthesize technical information for diverse audiences.

OTHER REQUIREMENTS

- Availability to work 40 hours per week, with flexibility for fieldwork schedules that may be outside of core business hours, which are 7:30 am – 4:30 pm, Monday – Friday.
- Commitment to on-site work in Berthoud, Colorado, and field work in the vicinity of Granby, Colorado, as required.
- Valid Driver's License
- Maintains a professional appearance suitable for the position and image of Northern Water.

PHYSICAL REQUIREMENTS

- Frequently performs fieldwork in variable weather conditions, including exposure to heat, cold, and precipitation.
- Must be able to carry up to 30 pounds of field equipment.
- Requires extended periods of standing, walking, or working in aquatic environments.
- Must meet the physical requirements of a post-job-offer physical examination.

Reasonable accommodation will be made to enable qualified individuals with disabilities to perform the essential functions of the job.

This job description in no way states or implies that these are the only duties to be performed by this employee.

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