Fisheries Technician(s)

Job Code: 2016-RAP-082
Location: Baker
State: Nevada
Program: Research Associate Program
Contract Length: 5 Months
Employer: Great Basin Institute, National Park Service, Great Basin National Park
Deadline: 5/31/2016
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Job Responsibilities:

In cooperation with the National Park Service (NPS) Great Basin National Park (GBNP), the Great Basin Institute is recruiting two Fisheries Technicians to assist with restoration of Bonneville cutthroat trout in designated streams within Great Basin National Park in eastern Nevada. The goal of this recovery program is to restore Bonneville cutthroat trout to the streams they once inhabited within their historic range. This collaborative effort will provide recent college graduates with training and skill development in fish habitat and population management, and may involve sampling for species presence and distribution, determining water quality and quantity parameters, eradicating nonnative fish, assessing and restoring habitat, data entry, and data management. Field Technicians will serve as team members for the fisheries management program throughout the park, and will work with NPS staff to complete seasonal objectives. Field work will be physically demanding and will include traversing difficult terrain and exposure to adverse weather. Standard practices for stream monitoring and fish sampling will be employed. Overnight camping may occasionally be required.

Contract Timeline:

• 31 May - 6 June (depending on availability) to 21-28 October 2016 (21 weeks)
• 40 hours per week

Location:

Great Basin National Park is located in eastern Nevada.

Compensation and Benefits:

• $16.00/hour
$20 field per diem (for up to eight nights camping)

- Health insurance
- Housing provided

Job Qualifications:

Technical requirements:

- Bachelor’s degree in biology (wildlife or conservation), wildlife ecology or management, or related field, preferably in the field of fishery biology;
- Desired field experience includes:
  - Conducting fish population surveys using electrofishing equipment and techniques;
  - Using piscide treatment in streams (rotenone or antimycin A);
  - Applying nonchemical methods (e.g., electrofishing, gill nets) for eradicating nonnative fish;
  - Collecting, transporting, and reintroducing native salmonids into recently restored habitats;
  - Conducting stream habitat and riparian vegetation surveys;
  - Collecting water quality data (pH, O2, temperature, conductivity) in lakes and streams using handheld instruments;
  - Conducting stream flow (discharge) measurements;
  - Experience in collecting data accurately and completely and entering data correctly into a computer system;
  - Ability to use Trimble (or similar) GPS units to record and locate points and to record field data utilizing a data dictionary; and
  - Familiarity with use of ArcGIS to create, import, and export maps and data.

Additional requirements:

- Possess a valid, state-issued driver’s license and clean driving record;
- Ability to safely drive a 4WD vehicle on unimproved roads;
- Ability to work productively, consistently and cooperatively as part of a team to accomplish mutual goals;
- Possess strong organizational skills;
• Ability to communicate clearly and efficiently with the public, coworkers, and Technical Advisors both orally and in writing, and respond in a professional manner to inquiries from the public regarding work activities;

• Ability to safely conduct strenuous fieldwork requiring regular physical exertion including hiking up to 10 miles per day;

• Ability to lift and carry heavy items, such as equipment packs weighing up to 50 pounds, on a regular basis;

• Ability to safely walk in steep, slippery, fast-moving mountain streams while carrying survey equipment, such as buckets, dip nets, clipboards, backpacks, and/or an electrofisher;

• Willingness and ability to camp in remote and primitive settings for up to three consecutive days per week;

• Familiarity with backcountry, low-impact principles preferred; and

• Ability to pass National Sex Offender Public Registry (NSOPR) and federal criminal background checks.