

Subject: Hydrology Techs for BLM in Las Vegas, NV

<https://www.thegreatbasininstitute.org/job/hydrological-restoration-field-technicians/>

The Great Basin Institute is working cooperatively with the Bureau of Land Management to Southern Nevada District Office to bring on 2 Hydrological/Restoration Field Technicians. The hydrological/restoration field technicians will be responsible for conducting spring assessments, monitoring restoration sites for new damage, vegetation response, and hydrological condition, and performing office and field activities related to spring and riparian area management and restoration. The associates will work under the direction of the BLM Las Vegas Restoration Program Manager and will engage in tasks including:

- Field monitoring using basic equipment and standard techniques for measuring vegetation response, hydrological condition and other ecological indicators;
- Independent travel and field work in the Mojave Desert in all seasons;
- Basic data processing, including some GIS work ;
- Gather data, and prepare and submit accomplishment reports;
- Coordinate with volunteer groups, and oversee restoration work with volunteer teams to restore springs;
- Repair fences, barriers, gates, and signs using construction tools such as post hole diggers, shovels, digging bars, a generator, electric drills and other hand tools;
- Treat exotic plants with mechanical techniques such as pulling, and with herbicide (training and NV pesticide applicator certification will be provided for);
- Install and maintain wildlife cameras;
- Other hydrology and restoration activities will be assigned as needed;
- Participate in GBI and BLM training opportunities.

Location:

The technician will be based out of the BLM Southern Nevada District office, which is located in northwest Las Vegas, NV. The Southern Nevada District Office manages more than three million acres of Mojave Desert in Clark and Nye counties. The scenery varies from dramatically colorful geologic landforms and largely unspoiled panoramic vistas of Red Rock Canyon National Conservation Area to remote and rugged wild landscapes of Gold Butte Back Country Byway. Recreation opportunities abound and viewing sites for desert plants and animals are easily accessible.

Compensation:

- Rate of Pay: \$15.00/hour
- Health and Dental benefits

Timeline:

- February/March 2016 for a 6 month duration; potential for extension pending available funding and positive performance review
- Full time, 40 hours per week; overtime and/or weekend hours may be required occasionally

Qualifications:

Technical requirements-

- Bachelor's Degree in Physical or Ecological Sciences (such as Environmental Science, Ecology, Hydrology, Rangeland Management or related subject);
- Knowledge of riparian soil characteristics and how they relate to plant communities;
- Experience conducting ecological field work, preferably related to botany and/or hydrology;

- Experience in water quality data collection and/or landscape/habitat assessments;
- Coursework in plant taxonomy and/or systematics (transcripts may be requested), botany, hydrology, or range science;
- Experience conducting and/or overseeing restoration projects;
- Knowledge of Mojave flora, fauna and environmental conditions desirable, particularly of riparian/wetlands;
- Experience using a dichotomous key to identify plants to species;
- Experience conducting plant surveys using various monitoring protocols, including standard rangeland monitoring protocols, photo plots, and site observations;
- Experience in applying revegetation and other restoration techniques;
- Ability to obtain a Nevada pesticide applicator's license and willingness to work with herbicides and other chemicals;
- Experience with data entry and analysis;
- Experience with technical writing and/or producing written project/monitoring summary reports/grant reports;
- Experience working with hand-held GPS equipment for navigation and data collection;
- Experience working with GIS software; and
- Experience with Microsoft Office (Word, Excel, Access)

Additional requirements-

- Valid, state-issued driver's license and clean driving record; experience operating 4WD trucks on paved and unpaved roads;
- Ability to work independently;
- Ability to self-direct and self-motivate
- Ability to communicate effectively with team members, agency staff, and a diverse public;
- Good organizational skills;
- Willingness to spend multiple days camping in the field;
- Willingness to sometimes work irregular hours (e.g., early mornings, late nights);
- Ability to work in harsh and rapidly changing environments, work in all types of weather conditions and traverse uneven terrain;
- Willingness and ability to carry a backpack sprayer (up to 35 pounds), lift up to 50 pounds, and to perform physical labor, including but not limited to, manual removal of non-native vegetation, and planting of native vegetation; and
- Successful applicant(s) must complete a Department of Interior (DOI) Background Investigation (BI) or submit paperwork to BLM human resources indicating an active and fully adjudicated BI has already been completed prior to beginning position.

How to Apply:

Qualified and interested applicants should forward a cover letter, résumé, and list of three professional references to RA Recruitment at rarecruitment@thegreatbasininstitute.org. Please indicate "SoNV BLM Hydrologist" in your email subject line. Please include where you found the position posted. Incomplete applications will not be considered. No phone inquiries, please.

We conform to all the laws, statutes, and regulations concerning equal employment opportunities and affirmative action. We strongly encourage women, minorities, individuals with disabilities and veterans to apply to all of our job openings. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, gender, sexual orientation, gender identity, or national origin, age, disability status, Genetic Information & Testing, Family & Medical Leave, protected veteran status, or any other characteristic protected by law. We prohibit Retaliation against individuals who bring forth any complaint, orally or in writing, to the employer or the government, or against any individuals who assist or participate in the investigation of any complaint or otherwise oppose discrimination.