**POSITION:** Aquatic Nuisance Species Monitoring Work Leader

**START & END DATE:** April 30, 2018 – December 31, 2018

**PAY RATE:** $15.50/hour

**LOCATION:** 1 position based out of Denver

**DEADLINE FOR APPLICATIONS:** April 1, 2018 @ 5:00 pm

**JOB DESCRIPTION:** Provide leadership and oversight to field sampling crews and laboratory technicians. Serve as a liaison between the field staff and the program office. Solve problems to enable field and lab work to be completed in a high quality manner. Ensure that staff is following standards and maintain quality control of field and lab operations. Serve as a single point of contact for internal staff and partner agencies to communicate about field sampling and lab activities. Work will be mainly based in Denver, but will require travel M-Th every other week from May-September.

Conduct Aquatic Nuisance Species (ANS) laboratory analysis, using standardized scientific protocols, from various waters throughout Colorado. Specifically, this position will conduct microscopy and taxonomic identification from field samples for mollusks, crayfish, macrophytes, zooplankton and phytoplankton. Water quality analysis will also be conducted. Detailed record keeping and the ability to follow strict field protocols are required.

Conduct Aquatic Nuisance Species (ANS) field survey, using standardized scientific protocols, in various waters throughout Colorado. Specifically, this position will conduct standardized monitoring for zebra mussels, quagga mussels, New Zealand Mudsnails and Eurasian watermilfoil including infestation mapping and population monitoring. Crews will also assist with other ANS and native baseline mapping for mollusks, crayfish, aquatic plants and invertebrates. Water quality monitoring will also be conducted. Detailed record keeping and the ability to follow strict field protocols is required.

Applicant must be able to work both independently and as part of a team, to survey select lakes, reservoirs, streams, and rivers with respect to invasive species. This position will require traveling Monday through Thursday weekly with significant overnight camping. Candidates must be able to work in extreme weather conditions, including working off boats and must be comfortable in backcountry settings. Candidates must have their own reliable camping equipment although some nights will be spent in motels. Daily hours will vary based on the survey location but work hours will be limited to 40 per week.

**MINIMUM REQUIREMENTS:**

1. B.S. in natural resources/botany/fisheries/wildlife or other natural resource field.
2. Experience leading a team; managing a laboratory; supervising people in the field.
3. Management experience – both supervision and project management.
4. Previous experience conducting microscopy and laboratory analysis for aquatic species.
5. Taxonomic expertise of aquatic species.
6. Knowledge of aquatic plant taxonomy, mollusk and crayfish identification is required.
7. Knowledge of zooplankton, phytoplankton, algae and diatom identification desired.
8. Technical writing skills and experience performing statistical analysis is required.
9. Leadership Experience.
10. Good driving record and ability to travel extensively with overnight stays is mandatory.
11. Previous experience conducting field surveys is required. Preference will be given to candidates with aquatic experience and/or water quality monitoring experience; and to those with prior experience leading a field crew.
12. Excellent communication skills (both written and verbal) are required.
13. Extensive experience boating – including knowledge of boat and trailer anatomy, ability to launch and land in extreme weather, ability to trailer boats on highways and steep mountain roads.
14. Previous experience conducting field surveys is required, preferably experience with aquatics and/or water quality. Preference will be given to candidates with prior zebra or quagga mussel, New Zealand Mudsnail or Eurasian watermilfoil experience and/or population monitoring experience.
15. Must be willing to be flexible with the weekday work schedule, as field work may be dictated by weather.
16. Must be able to work closely in small crews for long hours in a professional manner.
17. Experience with Trimble GPS Units/Trimble Pathfinder and ArcGIS software preferred.
18. Experience with Microsoft Word applications required – Word, Excel, Access and SQL.
19. Excellent organization skills and attention to detail.
20. Ability to swim.

**HOW TO APPLY:**

Send cover letter, resume, 3 references and complete contact information electronically in Word or Adobe to: Elizabeth Brown, Invasive Species Program, Colorado Parks and Wildlife

[Invasive.Species@state.co.us](mailto:Invasive.Species@state.co.us)

Background and driving record checks will be conducted for top candidates. Interviews for selected candidates will be held at the CPW Office at 6060 Broadway, Denver, Co 80216.