



February 01, 2023

Headwaters Corporation
4111 4th Avenue, Suite 6
Kearney, NE 68847
Phone: (308) 237-5728

Job Description - Seasonal/Temporary Technician

Headwaters Corporation is a natural resources management consulting firm that assists clients in developing sustainable solutions in the areas of water resources engineering and planning, ecological science, and land management. We are seeking a seasonal technician to join a team that conducts interdisciplinary research with a focus on implementation of the Platte River Recovery Implementation Program (PRRIP). Headwaters serves in a unique role as a private consulting firm that carries out the day-to-day functions of PRRIP implementation. This includes PRRIP administration, managing the PRRIP's land and water resources, and implementation of a robust adaptive management program to inform the use of those resources.

PRRIP is focused on enhancing, restoring, and protecting habitat along the central Platte River for piping plovers, least terns, and whooping cranes through adaptive management. PRRIP is currently investigating how water resources can be used to reduce the encroachment of vegetation into the active river channel to maintain wide, open channels for whooping cranes during their migration through Nebraska. *Phragmites australis* is of particular concern because of its invasive nature and tendency to occupy shorelines and expand rapidly into the river channel. PRRIP is currently looking for a full-time, temporary summer field technician to assist with monitoring *Phragmites* patch expansion. This position will be located in Kearney, Nebraska.

The successful candidate will assist with research related to assessing the relationship between river flow and invasive *Phragmites*. Responsibilities include field data collection in a riverine environment, data entry, and data management. *Applicants must have a strong desire to be in the field implementing field-based monitoring.*

Responsibilities:

- Assist with field-based monitoring of *Phragmites* patch expansion.
- Collect metrics on *Phragmites* stolon growth, patch area, density, height, species composition.
- Collect metrics on water elevation.
- Set up and maintain remote cameras for vegetation monitoring.
- Will have progress reports and check-ins for any independent work given.

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2/01/2023

Requirements:

- Must be 18 years or older and possess a valid driver’s license.
- Must be able to attend trainings prior to May 1st, 2023.
- Must be able to swim.
- Must be able to work under field conditions typical of a Nebraska summer (e.g. exposed to high ambient temperatures, sun, wind, rain, river flow, insects, and pollen).
- Must be willing to complete work in the office (processing data), as well as perform field work along the central Platte River.
- Must be comfortable working with others and semi-independently following adequate training.

Preferred Skills:

- Experience implementing field work on highly dynamic river/wetland systems.
- Visual plant species identification
- Knowledge of local Nebraska vegetation with a focus on riparian vegetation
- Knowledge of and experience with vegetative community ecology and field methods for quantifying changes in vegetation community
- Willingness to learn
- Flexible work schedule

Position: Seasonal/Temporary Technician

Salary: \$20.00 hour, up to 40 hours a week, no overtime

Required: Pre-season training and planning meetings prior to May 1st, 2023, paid.

Approximate Full-Time Start Date: May 2023

Approximate End Date: August 2023

Start and end dates may vary depending on the work available.

Applicants, please send a cover letter and a resume to:

Malinda Henry

Science Lead

Headwaters Corporation

henrym@headwaterscorp.com