



### **Environmental Technician**

<b>Position Title</b>	Environmental Technician
<b>Reports to</b>	Municipality of Crowsnest Pass – Agricultural Fieldman
<b>Revision Date</b>	January 2019
<b>Wage Band</b>	\$20.00/hour
<b>Status</b>	Temporary/Seasonal Position, April to October
<b>Hours of Work</b>	8:00 – 4:30, with occasional evening or weekend work

### **Position Summary**

The Environmental Technician will assist the Agricultural Fieldman with weed inspections on public and private land, identify & control noxious and destroy prohibited noxious weeds listed in the Alberta Weed Control Regulations. Responsible for education, enforcement, issuing & entering weed inspection information, mapping weed infestations, entering data onto spread sheets, report writing. There is an educational component of the job that involves working with public. Responsible for selecting, planting or seeding native species to further prevent erosion. Responsible for monitoring and mapping reclaimed areas. Will work with the Agricultural Fieldman to control agricultural pests listed in the Alberta Agricultural Pest Act on municipal lands and monitor for Aquatic Invasive Species. Will be required to assist with job duties of the Riparian Technician.

### **Key Duties and Responsibilities**

1. Inspection of vegetation growth on private & public property
2. Identify/control weeds as listed in the Alberta Weed Control Act/Regulations
3. Identify/control pests as listed in the Alberta Agricultural Pests Act
4. Communicate effectively and professionally with the public in addressing weed/pest concerns and provide them with advice on effective control solutions
5. Enforcement of the Alberta Weed Control Act
6. Collect & document accurate detailed information
7. Photograph and computer data entry/organize inspection information
8. Map weed infestations with GPS units and enter coordinates onto an EXCEL spreadsheet
9. Inspect areas on foot or with an ATV (all-terrain vehicle)

## **Job Description – Environmental Technician**

10. Identify and/or implement reclamation suggestions/techniques
11. Identify native plants in areas on public and private land and interpret what those plant species mean to the land owner
12. Prepare or select cuttings for transplanting
13. Assist with or select native grass seed mixes to be applied to disturbed sites
14. Organize and conduct weed identification education to the public during community weed pull events or tree/shrub plantings
15. Attend safety courses, e.g.; BearSmart, Municipal Safety Orientation, Legislative Workshop and any additional safety courses required to work safely within the job description
16. Perform related office and shop duties (clean and organize work area, housekeeping, etc.)
17. Perform other applicable duties

### **Knowledge, Abilities and Skills**

- Knowledge of the Alberta Weed Control Act & Regulations
- Knowledge of the Alberta Agricultural Pest Act & Regulations
- Knowledge of the Alberta Soil Conservation Act & Regulations
- Knowledge of Crowsnest Pass indigenous flora and fauna
- Knowledge of and the ability to identify invasive plant species and pests including aquatic
- Ability to communicate effectively in both oral and written forms and collect accurate data to be entered on Microsoft Word & Excel
- Skill in communicating professionally and effectively with people of all age groups and from a variety of backgrounds
- Knowledge of GPS/route skills, location and navigation in a backcountry environment
- Knowledge of/experience working in a location with wildlife
- Ability to perform reclamation and restoration practice in riparian areas
- Ability to work outdoors in uneven terrain and variable weather conditions
- Ability to safely/skillfully operate an all-terrain vehicle
- Wear suitable/professional outdoor clothing performing all tasks safely in accordance with OH&S and the Municipal Safety Policy

### **Education and Experience**

Environmental Science, Agricultural Post-Secondary education or a related educational field, which include courses in interpersonal skills, botany, plant taxonomy, weed science, soil science, rangeland management, forestry, ecology, hydrology, reclamation and Alberta Law & Legislative

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Acts. Should have at least 2 years of experience working with the public in a professional manner. Valid class 5 Alberta driver's license and ATV safety training.

Prior to employment a pre-employment screening process must be completed, including a successful completion of a criminal record check.