



# Mighty Peace Watershed Alliance



Job Title: Aquifer Steward

Purpose: The Aquifer Steward will perform tasks that support the implementation of the Grimshaw Gravels Aquifer Source Water Protection Plan. This plan is a collaborative, proactive management approach to maintaining the drinking water resource that residents of the Grimshaw area have access to in the aquifers. Certain aspects of proactive management require on-the-ground, in person activities such as monitoring, well inspections, and education around landowner practices that reduce risks to the aquifer including well decommissioning, well maintenance and farm water management.

Term: May through August 2024

Hours: up to 40 hours/week; some evening and/or weekend work may be required and these hours will become time in lieu that can be offset upon approval from the supervisor

Wage: \$22-24/hour depending on experience, skills and training

Minimum Requirements:

- Valid Class 5 Operator's licence
- Valid Social Insurance Number
- Competency driving on gravel roads in a rural setting
- Ability to use a map and navigate to new locations
- Ability to work independently
- Ability to engage productively with members of public

Assets:

- First Aid
- Understanding of Aquifers and hydrogeology
- Understanding of wells
- Flexibility
- Post-secondary study in Agricultural, Biological or Environmental fields
- Experience in extension work

Skills:

- Professionalism
- Problem solving competency
- Extension work
  - Listening to and talking with landowners
  - Present information in front of groups
  - Review, understand, summarize, and communicate new information



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- Aquifer monitoring
  - Measuring precisely
  - Ability to follow protocol (water quality sampling, stream discharge, etc)
  - Detailed note taking

## Tasks:

- Work with local organizations on common projects
- Deliver information about agricultural management
- Monitor private drinking water wells
- Develop and populate a database of wells that need to be decommissioned
- Promote Environmental Farm Plan
- Provide education on septic system maintenance, abandoned underground tanks and household waste management among other topics
- Measure aquifer outflows
- Inventory hazards
- Others as assigned

Office location: To be determined. The Mighty Peace Watershed Alliance's office is in McLennan but the work is primarily in the Grimshaw area.

Vehicle: The applicant must provide a driver's abstract and a vehicle with minimum \$2,000,000 liability insurance. Use of this vehicle will be reimbursed at \$0.60/kilometer.

## Reporting:

- The Aquifer Steward reports to Mighty Peace Watershed Alliance and the supervisor will be determined when hiring occurs.

This is an opportunity for someone interested in both municipal and environmental management. Great work completed in the Source Water Protection Plan allows the successful candidate to engage community members on watershed management that will provide benefits to the community. Successful and strong inter-municipal collaboration underpins the Grimshaw Gravels Aquifer Management Advisory Association and provides a model of successful cooperation. Mentorship on key aspects of hydrogeology, aquifer management and outreach around Beneficial Management Practices will be provided.

Please direct any questions to Adam Norris at [mpwa.coordinator@telus.net](mailto:mpwa.coordinator@telus.net) or 780-552-4354.

Resumes and cover letters should be submitted to [mpwa.execdirector@telus.net](mailto:mpwa.execdirector@telus.net).

Application deadline: Open until filled.