



Internal/External Job Posting Temporary Full Time Bargaining Unit Position Groundwater Technologist

The Grand River Conservation Authority (GRCA) has an international reputation for excellence in managing the natural resources of the largest inland river system in southern Ontario. Encompassing approximately 6,800 square kilometres, the Grand River watershed has a population of almost one million people in 39 municipalities and two First Nations. Designated as a Canadian Heritage River, the Grand River and its major tributaries boast many outstanding human heritage features and excellent recreational opportunities. The GRCA is committed to environmental protection by delivering services that ensure the well-being of the environment and its inhabitants.

General Accountabilities

This position reports to the Senior Hydrogeologist. The primary responsibility of the position is to assist in the development and ongoing operations of the GRCA groundwater program through the operation and maintenance of GRCA's groundwater monitoring network. This includes hydrogeological field measurements such as groundwater levels and sampling for groundwater quality, well maintenance and operations, database management, interpretation of groundwater monitoring data, and report writing.

Specific Accountabilities

1. Maintain GRCA's groundwater monitoring stations and equipment, ensuring data loggers and groundwater sampling equipment are properly functioning.
2. Manage groundwater monitoring data in a Microsoft Access database.
3. Obtain geological and hydrogeological field measurements such as groundwater water levels from data loggers, manual static water level measurements from wells, groundwater quality samples, core descriptions, and geo-referencing wells. Submit groundwater quality samples to external laboratories as required.
4. Assist in the preparation of technical reports, hydrographs, summaries, tables and figures as requested.
5. Identify, assess, secure contractor, and oversee the abandonment of unused wells on GRCA lands.
6. Assist in well inspections on GRCA property
7. Supervise contractors during well drilling and log core
8. Maintain tenant well database in partnership with GRCA's Property Department
9. Assist with surface water quality sampling and stream gauging as requested.
10. Participate on external technical committees
11. Carry out other duties related to GRCA groundwater program as assigned.

Technical Accountabilities

1. A B.Sc. in Earth Sciences or Hydrogeology or equivalent experience and expertise.
2. A minimum of 3 years' experience in the areas groundwater field investigations and monitoring.
3. Familiarity with groundwater data management and relational databases. Experience with groundwater management software such as SiteFX is considered an asset.
4. Knowledge and experience in the measurement of hydrogeological parameters.
5. Some understanding of the basics of regional and local groundwater flow systems.
6. Familiarity and experience with the Ministry of Environment and Climate Change water well database, groundwater regulations and policies.

7. Strong computer skills with specific knowledge and experience using Microsoft Office Suite and Microsoft Access.
8. Good technical written and oral communication skills.
9. Experience and aptitude communicating and working with a variety of technical and non-technical people.
10. A valid driver's licence and ability and willingness to travel in Southern Ontario.

The pay range for this position is Job Level 5 \$24.76 to \$30.94 per hour /35 hours per week

Approximate Start Date: April 2018

Term of Employment : April 2018 to January 2019

To Apply: Please send a resume and covering letter to careers@grandriver.ca in MS Word or PDF format and quote "Groundwater 245" in the subject line.

Deadline for Applications: 4:00pm Thursday March 22, 2018

We thank you for your interest, however only candidates under consideration will be contacted.

Accessibility accommodations are available for all parts of the recruitment process. Applicants need to make their needs known in advance.