

**Gradworks Internship Number: 436**

Company Name: SaskWater  
Location: Wakaw  
Number of openings: 1  
Wage: \$3,493 (Monthly)  
Resume Deadline: May 7, 2009 by 4:00 PM  
Start Date: June 16, 2009  
End Date: June 15, 2010

**Gradworks Intern Development Program**

The Gradworks Intern Development Program is designed to provide recent post-secondary graduates with challenging and career-focused positions within our network of Saskatchewan employers. These full-time internship positions of 12 months in length are intended to allow recent post-secondary graduates the opportunity to gain experience and to develop specific career-related skills. To be eligible for a Gradworks internship you must be a recent college, technical institute or university graduate, have little or no relevant work experience in your field of study and be eligible to work in Canada.

**Internship Information – Technologist, Regional Systems**

Reporting to a Senior Technologist or Supervisor, Regional Systems, an employee in this job will perform operation and maintenance work, laboratory and field testing and prepare required operational, maintenance, regulatory and status reports within an assigned regional water and wastewater system. The regional water and wastewater system may include SaskWater or customer owned water treatment, wastewater treatment, water distribution/transmission and wastewater collection systems. This employee will be required to work different shifts

**Responsibilities:**

- Perform operational duties including operating and monitoring the status of water treatment, wastewater treatment, water distribution/transmission and wastewater collection systems including computer monitoring of flows and pressure, booster and pump station status and setting chemical points; perform regular plant inspections including checking electronic level sensors, online turbidimeters, chlorine analyzers, etc.; and monitor equipment such as pumps, pipes and clarifiers.
- Perform required laboratory and field testing, water and wastewater sampling, treatment process monitoring optimization and adjustments, facility inspections, and maintenance and equipment repairs throughout the regional water and wastewater system; collect and record applicable data including data compilation and maintaining and customizing on-line database for use in data logging; and perform calibration, operation and maintenance of on-line analyzing, chemical feed and laboratory equipment.
- Prepare required operational, maintenance, regulatory and status reports and related technical documents for review by senior staff; and perform relevant technical calculations to evaluate current and historical trends for analyzing and revising treatment processes as needed in compliance with federal and provincial regulations as directed.
- Assist with the installation of system works, service connections and related equipment; perform backflow testing, flow control, pressure control and maintenance on existing connections; complete manhole, pipeline and valve maintenance including leak repair; remove and install pumps and motors of various sizes for repair and maintenance; and operate site specific maintenance equipment as required within the regional system.
- Assist with conducting field inspections of works to monitor performance and identify and assist with maintenance, repair and installation of system components as required; perform custodial tasks and grounds maintenance in and around the shop, field office or water treatment plant daily, weekly and monthly as needed in order to maintain an acceptable work environment; and undertake other related work as assigned.

**Qualifications:**

Diploma: Water, Civil, Environmental, Engineering Technology; Chemical Technology

- Ability to gain working knowledge of regional system operation and maintenance including interpreting, optimizing and adjusting treatment processes and pipeline, pump, control valve, and water treatment plant equipment and processes.
- Ability to understand, interpret and apply applicable regulations, policies, practices and procedures to work situations; and to interact with customers as required.
- Ability to follow corporate policies, procedures and protocols.
- Ability to establish and maintain effective working relationships with staff, the public and outside agencies; and to promote and maintain a positive corporate climate

**Additional Information:**

The Gradworks Program supports the values of workplace diversity and employment equity. Applications are encouraged from people of Aboriginal ancestry, persons with disabilities, members of a visible minority and women.

**How To Apply:**

Please apply through the Gradworks website at [www.gradworks.ca](http://www.gradworks.ca) using your online cover letter and resume, including references. **Your application will not be considered unless you have submitted both a cover letter and resume. The completion date of your post secondary education must be stated in your resume in order to be considered for the position. Please include the month of completion if your education was completed in the current year.**

**Contact Information:**

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