



**Job Title:** Project Engineer  
**Organizational Unit:** Engineering Support and Research  
**Division:** Operations and Engineering  
**Location:** Moose Jaw

### **Short Description**

As the Project Engineer, Engineering Support and Research, you will provide specialized professional engineering advice and support to a broad range of activities. You will be responsible for moderately complex to complex engineering projects that are often carried out simultaneously especially in peak season periods.

### **Job Duties**

Provides engineering project management services for internal and external clients by reviewing the design of water supply/transmission, water treatment and wastewater collection/treatment projects prepared by other engineering agencies. Operates as project lead on assigned projects and directs a multidisciplinary team. Provides direction and delivers technical decisions to consultants and contractors responsible to undertake SaskWater projects. Provides direction to contractors in identifying work deficiencies and ensuring rectification in accordance with contract specifications project drawings, provincial and federal regulations, and standard engineering practices. Prepares and reviews project costs to ensure compliance with industry standards and established pricing schedules; prepares and reviews engineering reports, technical documentation and drawings; recommends revisions to technical reports and drawings; and approves project proposals. Ensures/undertakes the procurement of project materials in accordance with accepted practices and procedures. Monitors and tracks project costs; and recommends supplier and contractor payments.

Undertakes the development of conceptual designs, estimates, and schedules for new business opportunities as well as the capital program. Provides engineering advice and solutions to Customer Growth and Engagement to support corporate engineering, sales, and marketing objectives. Undertakes construction, maintenance activities and engineering project designs; prepares budget estimates and schedules for the design, construction, and maintenance of district works. Provides engineering advice to the units tasked with constructing a solution as the project develops from the conceptual to construction phase. Approves and seals engineering drawings as required.

Co-ordinates and/or undertakes the preparation of contract specifications and terms of reference including contract administration responsibilities such as: supervising consultants, contractors, and suppliers to ensure SaskWater's terms of reference and corporate standards including provincial and federal regulations and standard engineering practices are adhered to. Negotiates with various key stakeholders as required (for example landowners) for the purpose defining the terms and conditions of contracts.

Undertakes research and development for SaskWater including the implementation and maintenance of new or revision of existing engineering processes, procedures and standards; and interprets technical documents, designs, and recommendations for staff in other divisions within the company in order for them to carry out their duties.

Conducts preliminary field investigations, facility inspections, including the overseeing of the Asset Management Program and other related engineering activities, to determine project work requirements or modifications. Provides professional engineering direction to customers, contractors, consultants and staff to ensure that the project will meet the desired outcome. Performs engineering calculations in both

the field and office; and prepares technical reports and documents, environmental project proposals, and technical documentation and drawings.

Participates on various internal and/or inter-agency committees; assists in the coordination of corporate activities with federal, provincial and municipal governments, associations and others as required; oversees and trains other unit staff in engineering methods and techniques; and, undertakes other professional engineering work as assigned.

### **Qualifications**

- Degree in Civil/Environmental Engineering or a similar engineering discipline.
- P.Eng. (License to practice professional engineering from the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS)).
- Four years of progressively responsible related experience including:
  - design and cost estimating;
  - construction supervision;
  - tendering, Request for Proposals, agreement and contract administration;
  - preparation and revision of specifications, special provisions and terms of reference;
  - research and development; and
  - Project Management.

***Where the minimum educational requirement is not met, an equivalent combination of training, knowledge and experience will be considered.***

***Special Requirements: The position requires the incumbent to undergo a Criminal Record Check and Fit for Duty test.***

A valid Saskatchewan driver's licence is required.

### **Application Deadline**

**August 14, 2020**

### **To Apply**

Please indicate where you learned of this opportunity and send a resume and cover letter to:

SaskWater  
Human Resources  
200 - 111 Fairford Street East  
Moose Jaw, Saskatchewan S6H 1C8  
Email: [hr@saskwater.com](mailto:hr@saskwater.com)

SaskWater offers competitive wages and an attractive benefits package. We would like to thank all applicants for their interest; however, only those selected for an interview will be contacted.

*SaskWater values workplace diversity and is committed to maintaining an inclusive and respectful workplace.*

