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<b>Position Title:</b>	<b>Senior Standards Engineer</b>
Division:	Science and Licensing
Location:	Regina or Saskatoon, SK
Competition #:	WSA-53-2023/24
Salary:	<i>Management Classification 5 (\$81,516 - \$101,916 Annually)</i> <i>Management Classification 6 (\$88,044 - \$110,064 Annually)</i>

*Note: Applicants with the required education will be assessed to determine pay level based on relevant experience*

**Apply by:** **5:00 PM April 1, 2024**

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**“Need a Career? Just add Water!”**

At the Water Security Agency, you'll have more than just a job - you'll build a rewarding career. Whether you're managing water supply, protecting water quality, or ensuring safe drinking water, you can be confident that the work you do will help to support a strong and growing Saskatchewan. Become a member of the team that is committed to being the best water management agency in North America.”

**Short Description:**

Reporting to the Manager, Standards, an employee in this position leads the development and implementation of provincial water and wastewater guidelines, protocols, standards, code, policies and regulations. Employing sound engineering principles and methodologies to support the Water Security Agency's water management and licensing programs as well as related activities required to ensure drinking water safety and mitigate adverse aquatic ecosystem health impacts. Is involved in the review and development of key intergovernmental strategies and policies to attain long-term goals of sustaining and improving water management from source to tap. Provides senior analytic, engineering and advisory services to provincial, federal and municipal agencies and consulting engineers on the requirements for water and wastewater treatment in Saskatchewan. This employee is expected to work in a team environment and collaborate with others within, and outside, the Water Security Agency.

**Direct Reports:** 0

**Operating Budget:**

Annual Operating Expense Budget: small contributory (> \$715,000 – \$7,150,000)

**Key Duties and Responsibilities:**

- 50% Lead the development and modification of engineering design standards, protocols, guidelines, regulations, and those portions of the Saskatchewan Environmental Code that deal with the engineering and operation of source water, drinking water treatment, wastewater treatment/disposal and aquatic habitat protection works. These activities are required to support the provincial Growth Plan and the quality of life of Saskatchewan residents.
- 15% Seek to achieve solutions or results for complex issues related to the design/development and construction of water and wastewater works, from source to tap, through conflict resolution, persuasion, consensus, and compromise and exercise sound judgment in developing solutions, options, and/or recommendations to these issues.
- 10% Provide analytic, engineering, and advisory services that will guide both policy development and implementation for new initiatives and existing programs designed for the public and environmental health protection and enhancement.

## JOB BULLETIN

### Out-of-Scope

- 10% Respond to public inquiries regarding the inadequacies of provincial standards, regulations, and protocols for water and wastewater works and related drinking water and wastewater quality which may cause damage to the environment, personal injuries, loss of income and in extreme cases death of directly affected individuals.
- 10% Participate on various internal and external committees as required; and undertake other special assignments as requested.
- 5% Provide training to other unit staff regarding new regulations, standards, protocols and emerging issues in water management; and undertake other professional engineering responsibilities as assigned.

#### **Educational and Experience Requirements and Technical Qualifications:**

Degree in Environmental Engineering or similar discipline, a license to practice professional engineering from the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS), and at least 6 years of progressively more responsible directly related experience in the water management and/or evaluation of water and wastewater facilities.

Amount of experience typically required in this job to become fully competent, assuming both the education level required, and the prior experience are present - 2 years.

#### **Job Complexities/Challenges:**

##### Know How:

This employee requires substantial knowledge and skill and broad engineering experience. This employee requires a command of engineering theory and principles and involved, diverse practices and precedents. This employee must be aware of other activities within the work area and organize work accordingly. Assignments will require the incumbent to routinely assume the role of Team Leader and undertake associated responsibilities. This employee may be required, at times, to ensure the quality and timeliness of work performed by contractors and consultants without having direct authority over them. Working with others involves understanding, tact and motivation skills as this employee will be required to deal frequently with other staff, the public, other government agencies and stakeholders in providing and receiving information. This is especially true when dealing with landowners, contractors, regulators, and other project stakeholders. Most issues are based on common goals and interests.

##### Problem Solving:

In solving problems, the employee will be called upon to devise new approaches, apply existing criteria in new ways and investigate new methods and technologies. This employee must be aware of technological innovations and their implication to solution choices. As a result, there is a requirement to stay abreast of technological innovation and new developments in the engineering field.

Assistance from others is only obtained when seeking application of specific engineering principles in specialized engineering areas of expertise, when budget implications affect projects and/or when corporate policy may be in question.

##### Accountability:

Minimal supervision is provided to this employee who is expected to work with significant independence. Assignments are normally accompanied or covered by instructions in special circumstances only with most of the details left to the discretion of the employee. This results in this employee having control over most of the significant variables in determining results, which can significantly affect work results. Supervision over work activities is usually indirect. This employee is required to seal final reports, designs, drawings, and contract specifications that he/she has prepared. This employee must undertake his/her work in accordance with *The Engineering and Geoscience Professions Act* and *The Engineering and Geoscience Professions Regulatory Bylaws*.

**Working Conditions:**

Work is performed in both field and office settings. Work performed in the field environment can occur at various stakeholder locations and in a variety of weather climates and conditions of dust, dirt, fumes, toxic chemical, heat or cold, noise, vibration, and the like. Travel is required that results in short duration stays away from headquarters to conduct research as well as stakeholder engagement events.

Accuracy and detail in the completion of work is required. Working to ensure delivery of needed engineering services in a timely and effective manner at times could pose a challenge, especially considering limited available resources.

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**To Apply:**

Please submit a cover letter quoting competition number above and a detailed résumé to:

Human Resources  
Corporate Services  
Moose Jaw, Saskatchewan S6H 7X9  
Email: [hr@wsask.ca](mailto:hr@wsask.ca) (Preferred method)

We would like to thank all applicants for their interest; however, only those selected for an interview will be contacted. You will be evaluated on the relative degree to which you meet the knowledge, skills, and abilities related to the position assignment.

The Water Security Agency is an Employment Equity Employer and is committed to creating a respectful, diverse working environment.

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