

Environment Protection Officer

DEFINITION

This is supervisory and specialized technical work which assists in planning and administering the large and complex bylaw compliance and enforcement components of the Industrial Wastewater Control Program. This position supervises and assists technical staff involved in accomplishing program goals and objectives, ensures safe work practices and provides technical and records management expertise on a wide variety of related matters. Wastewater sampling, field screening, investigation, inspection and bylaw enforcement practices and procedures are key topic areas for this position. Technical assistance regarding pollution prevention, pretreatment techniques and disposal options for liquid and solid wastes is given to City and external customers. Due to the unique combination of knowledge and skills encompassed in this position, participation in special projects, studies and reviews is frequent.

Work of this class is distinguished from the Environmental Protection Technician by the specialized technical work and experience requirement.

TYPICAL DUTIES *

Plans, directs, revises, maintains and assists with the administration of a large and complex industrial wastewater source control program in accordance with management goals and objectives.

Provides technical expertise, advice and services for staff, internal and external customers on a wide variety of complex data management and complex technical topics.

Resolves database errors and initiates upgrade requirements.

Performs supervisory duties for bylaw enforcement officers.

Participates on technical, environmental and safety committees.

Participates in special projects, studies and reviews.

Responds to technical and general inquiries from a wide variety of sources.

KNOWLEDGE, ABILITIES AND SKILLS

Extensive knowledge of manual and automated wastewater sampling techniques and equipment, legal sampling protocols and field analytical procedures.

Extensive knowledge of the Sewers Use Bylaw 9675 and the Sewers Bylaw 9425 and related legislation.

Considerable knowledge of industrial manufacturing and process operations, pollution prevention, pretreatment and waste disposal alternatives.

Considerable knowledge of computer spreadsheet and database applications.

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Familiarity with legal enforcement practices.

Demonstrated ability to perform mathematical and statistical calculations.

Ability to communicate effectively, both verbally and in writing.

Physical ability to drive a van or light truck, lift heavy objects weighing up to 50 kg, and work outside in unfavourable weather conditions or unpleasant surroundings.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

Completion of a two-year diploma in Environmental, Chemical, Biological Sciences, Police Sciences, or Engineering Technology from a recognized technical institute with specialization in the environmental sciences. This should include or be supplemented by coursework in environmental law, pollution prevention/control, environmental management systems and environmental chemistry. Completion of the University of Alberta Environmental Resources Management (ERM) Certificate Program or an equivalent program of studies will be considered equivalent to specialization in environmental sciences.

Five years experience in regulatory, processing, manufacturing or environmental occupation with strong exposure to environmental legislation, pollution prevention, waste minimization, waste treatment and disposal.

Eligible to be a certified member of the Alberta Society of Engineering Technologists (ASET), as appropriate.

Valid Alberta Class 5 Drivers' License.

* *This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

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Salary Plan	<u>21M</u>	<u>21A</u>	<u>21B</u>	<u>21C</u>
Job Code	0758		2065	
Grade	029		031	

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