

Edmonton Sewers Use Bylaw and Wastewater Source Control Program

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The discharge of prohibited and/or restricted substances into sewer system will cause adverse effects on human health, the receiving water environment, public infrastructure and the beneficial use of biosolids. In addition, these discharges may result in municipalities violating federal or provincial regulations. Wastewater sources control program has been recognized as an important and effective tool to protect public health and control these adverse effects. This presentation will review the major elements of the program, including introduction of Sewers Use Bylaw, program organization, source control protocol and several projects recently conducted.

Kevin Zhang

Kevin Zhang has more than 15 years of working experience in the environmental area, mostly focused on wastewater treatment and environmental regulation of industrial operations.

He is currently working on the Edmonton Wastewater Source Control Program as a Senior Industrial Wastewater Engineer at Regulatory Service, Drainage Branch, City of Edmonton.

Before joining the City of Edmonton in late 2006, He worked as Industrial Approvals Engineer for Alberta Environment and as Environmental Technician/Engineer in Alberta.

Before immigrating to Canada in 2000, he worked as Environmental Officer for Nestle Tianjin Ltd. was responsible for operation of the Wastewater Treatment plant and set-up and maintenance of Environmental Management system.

He has also worked on several wastewater treatment and environmental protection projects as environmental engineer at Tianjin Environmental Institute.