



## Part 1: Policy Matters to Brownfield Redevelopment - Alberta's Guide to Excluding the Domestic Use Aquifer based on Municipal Bylaws

## Part 2: Policy Implementation and Brownfield Case Studies - Alberta's Guide to Excluding the Domestic Use Aquifer based on Municipal Bylaws - Panel Discussion

Moderated by: Lisa Fairweather, Alberta Environment and Protected Areas

Panelists: Paul Leong, City of Calgary  
Norman Sawatsky and Chris Chalk, Alberta Environment and Protected Areas  
Rob Hoffman, Canadian Fuels Association

Alberta published this guide in August 2022, which describes how the domestic use aquifer pathway can be assessed and removed from remediation if evaluation of soil and groundwater quality indicates there is not a risk to human health or the environment at a particular location. The guide relies on a municipal bylaw being in place as an administrative control for two purposes: 1) preventing access to groundwater to install drinking water wells and 2) ensuring there is appropriate distance from evaluated source areas to potential points of groundwater/surface water use for drinking water purposes. Join us for a discussion about the impact of this guide over the past two years and a glimpse inside collaborative policy making and implementation.

### Moderator

#### Lisa Fairweather

Lisa Fairweather joined Alberta Environment and Parks as Brownfield Coordinator in 2016 and was awarded the Brownfielder of the Year award in 2017. She has since become Director of Land Conservation, Reclamation and Brownfield Redevelopment, responsible for remediation and reclamation policy. She is looking forward to sharing Alberta's work and learning from her colleagues at this great national event.

### Panelists

#### Paul Leong

Paul Leong has over 30 years of environmental health experience in provincial and municipal government. Paul's education (BSc and MSc) has focused on environmental and public health.

As a senior technical advisor with The City of Calgary, Paul provides technical advice and services to business units on contaminated site identification, assessment, management, and redevelopment. He has extensive experience with environmental standards and legislation and reviewing and analyzing environmental reports for compliance and has many years of experience in working with industry and government.

Paul has represented The City of Calgary on the provincial Brownfield Redevelopment Working Group and most recently participated in the stakeholder working group to develop the exclusion of the domestic use aquifer based on municipal bylaws policy.

#### Norman Sawatsky

Norman Sawatsky has been working as a contaminated sites specialist and risk assessment specialist for Alberta Environment for over 20 years. He is currently working as a Contaminated Sites Policy Specialist for Land Policy in Alberta Environment and Protected Areas. Norman's policy work with Alberta Environment and Parks has included development of the Alberta Tier 1 and Tier 2 Guidelines, the Alberta Contaminated Sites Policy Framework, and the revised Remediation Regulation. Norman Sawatsky has a PhD in Soil Science from the University of Alberta.

[continued on next page...](#)



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#### Chris Chalk

Chris Chalk is a Contaminated Sites Hydrogeologist with the Regulatory Assurance Division, working within the Contaminated Sites and Remediation Section North of Alberta Environment and Protected Areas. He graduated with a B.Sc. in Earth Sciences (Hons.) – Hydrogeology Specialization from the University of Waterloo and has over 20 years of experience in the environmental industry. Chris's role at Alberta Environment and Protected Areas involves providing subject matter expertise in review and acceptance of hydrogeological site assessment reports submitted in support of various industrial approval applications and non-approved facility releases for contaminant management. Chris has served on multiple stakeholder teams within Alberta Environment and Protected Areas tasked with the development of contaminated sites policy documents including, the including but not limited to the domestic use aquifer based on municipal bylaws policy.

#### Rob Hoffman

Rob has extensive experience in the downstream petroleum industry, having previously worked for 30 years with Imperial Oil. In December 2014 Rob joined the Canadian Fuels Association to serve as the Director - Government and Stakeholder Relations for Western Canada. Rob currently serves on the board of directors for the Alberta Water Council, Alberta's Clean Air Strategic Alliance (CASA), and on Transport Canada's General Policy Advisory Council (GPAC) which promotes the safe transportation of dangerous goods. The Canadian Fuels Association represents its member Canadian companies involved in the refining, distribution, and marketing of transportation fuels. The Association's work and advocacy support informed environmental, health and safety policy development that recognizes the important role that liquid fuels contribute to Canada's economic prospects and energy security