Contaminated Sites Learning Series: Making Effective Applications

DAY 3 - Risk-Based Applications and Case Studies — 8-Feb-22

Draft Agenda

#	Title	Presentation Syllabus	Time / Duration (minutes)
		SESSION 1	
18	Protocols 11 and 12 - Understanding Site Risk Classification Requirements	Protocol 12 uses administrative procedures to classify site risk based on simple, objective measurements. In this presentation, we will introduce elements of Protocols 11 and 12, the triggers and requirements for submission of a site risk classification package, and common issues that the Ministry encounters.	9:00 / 30
19	High Risk Site Applications	Contaminated sites with high risk conditions require high standards of care during investigation and remediation. In this presentation, we will discuss high risk site applications with a focus on requirements, remediation plans, schedules, and reclassifications. We will also consider common examples of high risk sites.	9:30 / 30
20	Independent Remediation	Many contaminated sites in British Columbia are investigated and cleaned up with limited ministry oversight. Those who carry out remediation independently are required to meet applicable requirements of the Environmental Management Act and Contaminated Sites Regulation, including requirements to provide notification in connection with remediation plan implementation and any offsite migration of contaminants that is known or suspected. In this presentation, we will provide an overview of independent remediation including forms and timelines.	9:50 / 30
BREAK			10:30-10:45
		SESSION 2	
21	Remediation: Overview, Plans and Options	We will begin this presentation by describing remediation in the context of the Contaminated Sites Regulation and the Environmental Management Act. We will then provide an overview of remedial options, plans, and how to submit a successful application certifying adequate remediation. An esteemed practitioner will also highlight current best practices for remediation of contaminated sites in BC.	10:45 / 45
22	Preparing Effective Detailed Risk Assessment Applications	The Ministry of Environment and Climate Change Strategy released a revised protocol for detailed risk assessments early in 2021. This presentation will provide pointers for making effective applications using detailed risk assessment under this protocol, with special emphasis on aquatic sites. We will also consider a case study, which applies the principles of detailed risk assessment to a unique contaminated site bordering an aquatic environment.	11:15 / 45
LUNCH			12:15-1:15
		SESSION 3	
23	Submitting Effective Applications for Screening Level Risk Assessment	This presentation will provide an overview of: (1) Screening Level Risk Assessment (SLRA) and when and where it may be used; (2) the prerequisites and precluding conditions for SLRA; (3) beneficial use exemptions; and (4) Protocol 13 requirements for SLRA.	1:15 / 40
24	ENV Water Quality Guidelines & Objectives - Considerations when submitting applications	The Water Protection and Sustainability Branch will provide an overview of the Water Quality Guidelines (WQG) used for managing BC's aquatic resources. The presentation will focus on the deviation of WQGs and their application in resource management.	1:55 / 25
25	Performance Verification Plans	A properly completed Performance Verification Plan is an important step in the application process. If a contaminated site requires a risk control to be actively managed, then a PVP is necessary to ensure that risk-based standards under the Contaminated Sites Regulation (CSR) are met. In this presentation, we will provide an overview regarding the purpose of PVPs and when they are required. We will also discuss remediation types and review the guidelines that describe what to include in PVPs.	2:20 / 25
CLOSING REMARKS FROM MODERATOR			2:45