Overview
- Project overview
- Complexities of conducting remediation in multiple areas
- Management tools
- Harbour-wide risk management

Harbour-wide Objectives
- Key drivers
  - 26 chemicals of potential concern
  - Identified contaminants translate to Human Health and Ecological Risks
  - Esquimalt Harbour is a Class 1 federal contaminated site with a booked liability in excess of $240 million
- Purpose
  - Reduction in DND’s environmental liability
  - Remediation of prioritized areas with historically contaminated sediments
  - Implementation of a Harbour-wide Risk Management Plan (RMP) that addresses areas with less contamination
  - Minimization of recontamination potential

Pre-Remediation Harbour Concentrations

Key Considerations
- Schedule constraints
  - Funding (e.g., FCAP wraps 2020)
  - Harbour capital projects (A/B Jetty, small boat float)
  - RCM operations (vessel berthing, dry dock use)
- Procurement
  - Two contracting authorities (i.e., PSPC and DCC)
- Resource management
  - Contractors
  - Consultants
  - Client team (e.g., DND)

Harbour-wide Sequencing
Remediation and Risk Management of a Working Harbour: Esquimalt Harbour

• Development of a Risk Management Plan (RMP)
  - Using Working Harbours Guidance ties together harbour risk assessments with recontamination potential to predict future risk
  - Identifies monitored natural recovery (MNR) as acceptable strategy to meet objectives

Harbour-wide Risk Management

• Risk management components
  - Conduct post-construction performance monitoring in remediated areas
  - Monitor harbour recovery and overall risk reductions over time and compare to RMP predictions
  - Continue to track harbour conditions with long-term monitoring

Questions/Discussion