Marine Archaeology and Seabed Remediation in Esquimalt Harbour at the Esquimalt Graving Dock and Canadian Forces Base Esquimalt, BC

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Historic artifacts including a "talking stick", basketry fragments and harpoons.

Millennia Research Ltd.

Relevant Legislation

- Canadian Environmental Assessment Act, 2012 (CEAA 2012)
  - Under CEAA, environmental effects include "any structure, site or thing that is of historical, archaeological, paleontological or architectural significance" (s.2(1)(b)(iv)).

- Heritage Conservation Act (HCA)
  - All archaeological sites that predate AD 1846 are automatically protected.
  - Heritage wrecks, consisting of the remains of vessels or aircraft after two or more years have passed since they sank, crashed, or were abandoned, are also protected under the HCA.


Archaeological Resource Management Stages

Impact Assessment (AIA)

- Identify, record, and assess archaeological sites located within the Project area.
- Identify and evaluate possible impacts by the proposed remediation to these archaeological sites.
- Recommend appropriate impact management actions.

Archaeological Resource Management Stages

Mitigation

- Actions to mitigate significant archaeological sites against potential impacts from the remediation program
  - Avoidance
  - Excavation
  - Detailed Documentation
  - Monitoring

Archaeological Resource Management Stages

Mitigation

AOAs of Remediation Areas (Preliminary Layouts)
Historical and Ethnographic Data

Lt. Cmdr. P.C. Musgrave Chart 1918-19

Cole Island
Thetis Cove
with Oil Dock and Cannery
Kalla / (DcRu-36) / Songhees IR
Eyellnuk / "Indian Shacks" /
Esquimalt IR / Maplebank Site (DcRu-12)
"Sunken Scow" and 3 Wrecks
Munroe Head / Yarrows Yard #2 / CFSA
Hudson Bay Wharf / Skinner Cove – Alexandria / Graving Dock (EGD)
Lang Cove / Bullens / Yarrows / Small Boat Float / "Ruins" and "Wreck" Dries 5 ft.

Archaeological Impact Assessment at the Esquimalt Graving Dock
Worked cedar fragments from (40-80 cm b.s.); and Cedar withe fragment (160 – 170 cm b.s.), Test CT13-07a

Mitigation
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Questions?