



Contaminated Sites Management within National Defence – A West Coast Navy Perspective



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20 October 2010

Overview

- Key Departmental Organizations
- Contaminated Sites Management within DND
- Maritime Forces Pacific Contaminated Sites Program



Key DND Organizations

- Assistant Deputy Minister Infrastructure and Environment
 - Director General of Environment
 - Director Environmental Engineering Management
- Chief of Land Staff (ARMY)
- Chief of Air Staff (AIR FORCE)
- Chief of Maritime Staff (NAVY)



Contaminated Sites Management within National Defence

- Federal 10 step process.
- Phase 1,2,3 Assessment
- Remediation, Risk Management, and/or Risk Assessment
- Depending on portfolio often have to revisit sites due to changes in policy and information
- Submit project applications for funding in August and December



Project Security Requirements

- Security Requirements Check List (SRCL)
- Canadian and International Industrial Security Directorate (CIISD) - PWGSC
- Accessing Controlled Access Zones
- Security Officer
- Enhanced Reliability Screenings
- Security Escorts



Financial Approvals

- Projects Under a Million Dollars
Project implementation normally fiscal year based 01 April – 31 March
- Large Major Capital Projects over a million are more challenging for approvals however they are multi year based



Partners for DND Project Implementation

- Internal contracting limitations
- Defence Construction Canada (DCC)
- Public Works and Government Services (PWGSC)
- MERX
- Industry



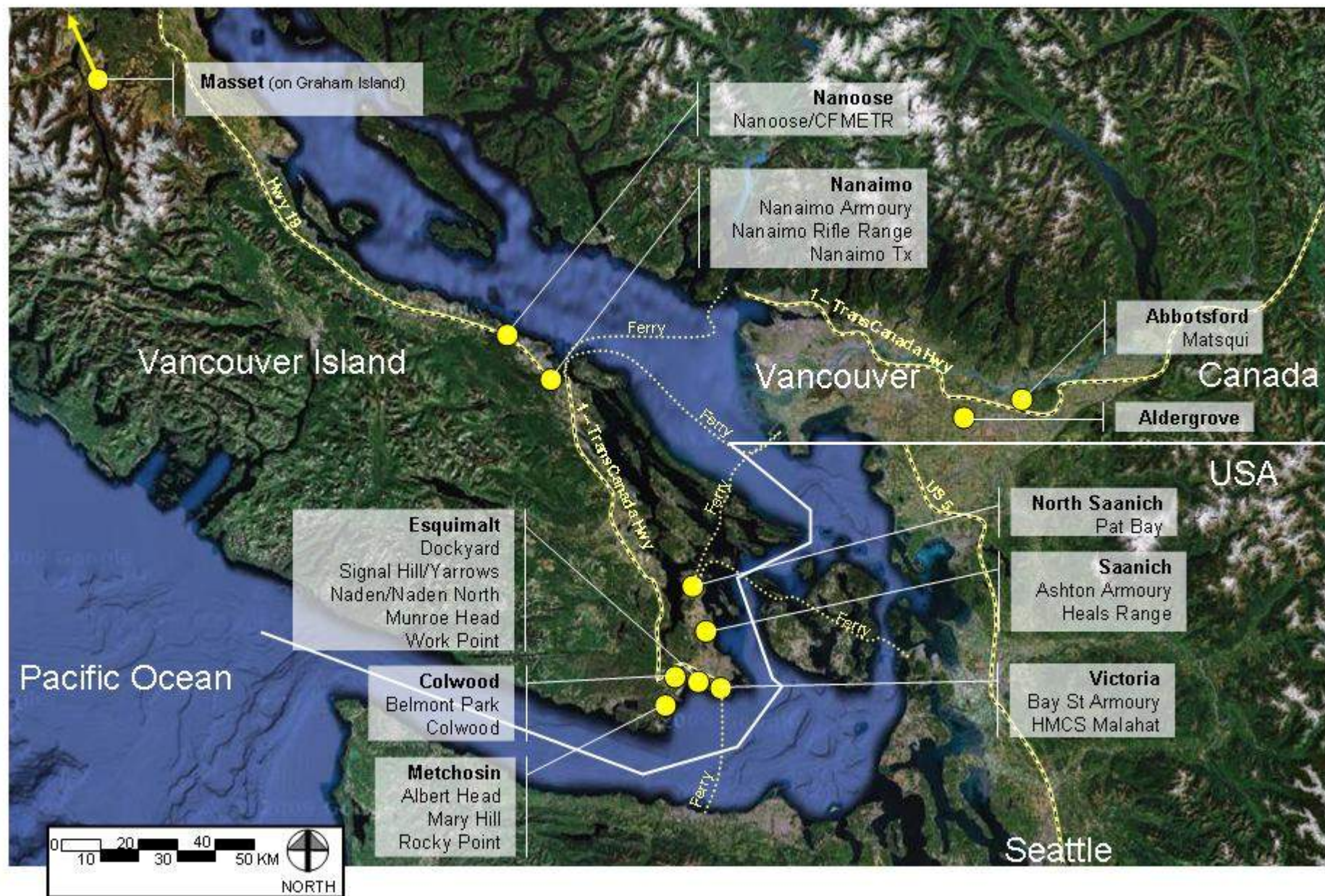
Building Relationships

- Project Relationships
- Interdepartmental Relationships
- Networking

Maritime Forces Pacific

Canadian Forces Base Esquimalt







Esquimalt
Harbour

Wilfert Rd

Belmont Rd

Belmont
Park

Colwood

Munroe
Head

PWGSC
Graving Dock

Naden

Naden
North

Yarrows

Dockyard

Signal
Hill

Esquimalt

Esquimalt Rd

Lyall St

Munro St

Macaulay St

Work
Point

Outer
Victoria
Harbour

Extent
of DND
ownership

Admirals Rd

Rte 1A

Rte 1A

Craigflower Rd

Railroad

CFB Esquimalt - built to Last



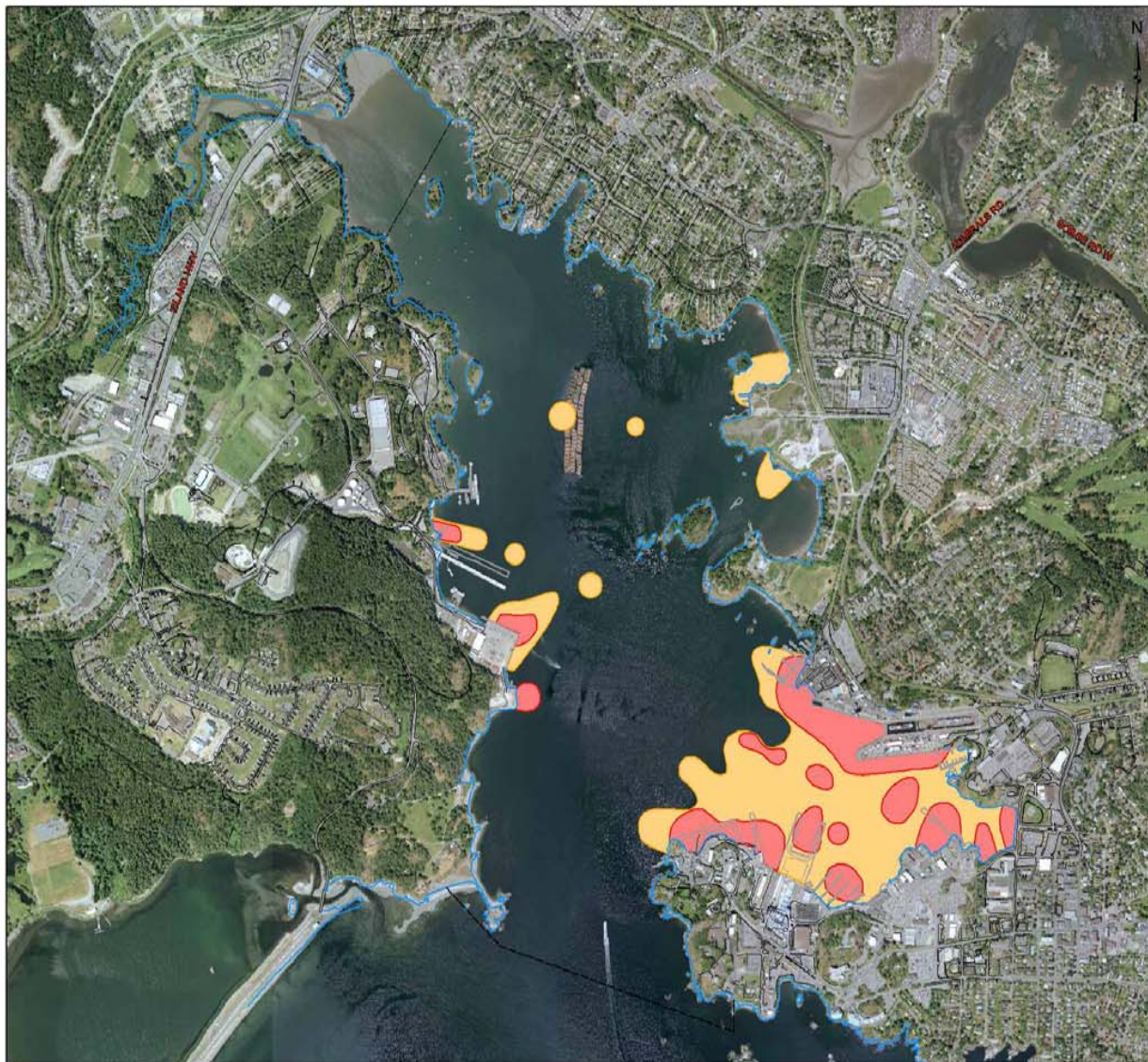


Projects over 1 Million

- A&B Jetty
- FMF Consolidation
 - Phase V
- Small Boat Float



Sediments



LEGEND

- 10 X PEL
- 2 X PEL

REFERENCE

Datum: NAD 83 Projection: UTM Zone 10



PROJECT	PWGSC ESQUIMALT HARBOUR VICTORIA, B.C.		
TITLE	ASC'S AND USR'S IN ESQUIMALT HARBOUR		
	PROJECT No. 05-1412-084	SCALE AS SHOWN	REV. 0
	DESIGN NJ 31 Mar 2006		
	SB CDB 03 Nov 2004		
	CHECK EP 31 Mar 2006		
	REVIEW		

Burnaby, B.C.

FIGURE 19

MARPAC Featured Remediation Projects

21 Oct 2010

0950-1020 Challenges of Barrier Wall Construction and
Site Remediation on Esquimalt Harbour
Jeff Nyman, SLR Consulting (Canada) Ltd.



MARPAC Featured Remediation Projects

21 Oct 2010

1025-1055 DND Oily Waste Water Treatment Plant
Fractured Bedrock Remediation, CFB Esquimalt
Dave Kettlewell, SNC-Lavelin Environment



MARPAC Featured Remediation Projects

22 Oct 2010

1050-1120

DND Remediation of Shoreline Landfill and
Restoration of Migratory Bird Wetland and Salt Marsh
Duane Freeman, DND



Questions

