

SMALL CRAFT HARBOURS

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



The Small Craft Harbours (SCH) branch of the Department of Fisheries and Oceans (DFO) is responsible for developing, maintaining and managing harbours which accommodate commercial fishing and recreational vessels. SCH is currently responsible for 1,010 fishing and 233 recreational harbours across Canada.

Over the past several years, DCS has been retained by Public Works and Government Services Canada (PWGSC) on behalf of DFO to carry out numerous Phase I, II and III Environmental Site Assessments (ESAs) of the land and water lot portions of the SCH sites. The requirement of the work typically stems from DFO's interest in ascertaining and updating the existing environmental condition of the property and proposals to transfer harbour assets to local communities.

The Phase I ESA involves a site visit and completion of a detailed historic review of the subject property to identify potential sources of soil, groundwater, surface water or sediment contamination associated with past

or present activities. The Phase II ESA entails the completion of an intrusive investigation to confirm the presence or absence of contamination at potential areas of concern identified in the Phase I ESA research. The Phase III ESA includes a more detailed intrusive investigation to delineate the extent of contamination.

Using results from the sampling programs and historic research, a National Classification System (NCS) score is developed for the land portion and an Aquatic Site Ranking score is developed for the sediments for each contaminated site identified.

Based on these results, a Remedial Action Plan (RAP) and/or a Risk Management Plan (RMP) and liability estimate is developed for the remediation of the property.

PHASE I, II AND III ENVIRONMENTAL SITE ASSESSMENTS: HISTORICAL REVIEW, SOIL & SEDIMENT SAMPLING & RISK MANAGEMENT

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