

CANADA: DARTMOUTH COVE (HALIFAX, NOVA SCOTIA) SEWAGE TREATMENT AND DIVERSION PROJECT



Land & Sea Environmental Consultants Ltd./OCL Group was retained to evaluate the scope and extent of water and sediment quality in Dartmouth Cove, an embayment of Halifax Harbour. The evaluation was based on Land & Sea's extensive experience with projects in the Cove. The Cove receives about 66% of the combined stormwater and sanitary sewage from the City of Dartmouth. To 1996, all of the materials entered the Cove as untreated, raw sewage.

On the basis of the environmental evaluation, the sewage collection and diversion system outfall was changed to a new location discharging directly into the main part of the Harbour after preliminary treatment. This provided for much greater assimilative capacity.

Client: CBCL Engineering Ltd. on behalf of the City of Dartmouth