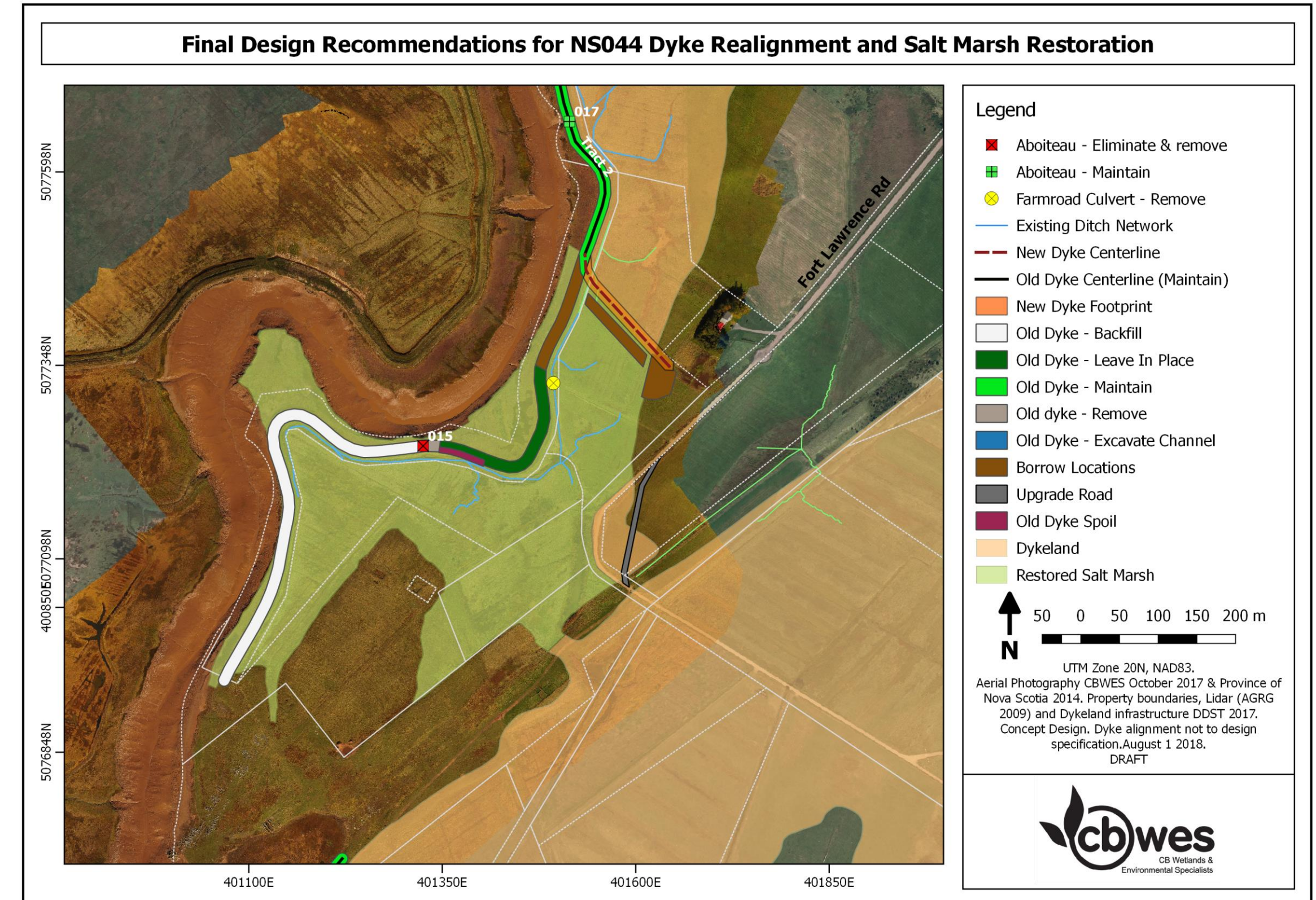


CONVERSE MARSH MANAGED REALIGNMENT SITE: RESTORED 2018

CONVERSE MARSH MANAGED DYKE REALIGNMENT AND TIDAL WETLAND RESTORATION SITE

The Converse Marsh is located on the Missaguash River in the Tantramar marsh system. The site was realigned and restored in December 2018 to address significant erosion, loss of foreshore marsh, and the unsustainability of the existing dyke infrastructure.

The realignment design considered how best to protect adjacent lands, and vital transportation routes and infrastructure, while reducing dyke infrastructure to be maintained, and restoring a tidal wetland environment.



TransCoastal Adaptations
Centre for Nature-Based Solutions

cbwes
CB Wetlands & Environmental Specialists

DALHOUSIE UNIVERSITY

Fisheries and Oceans Canada / **Pêches et Océans Canada**

Saint Mary's University

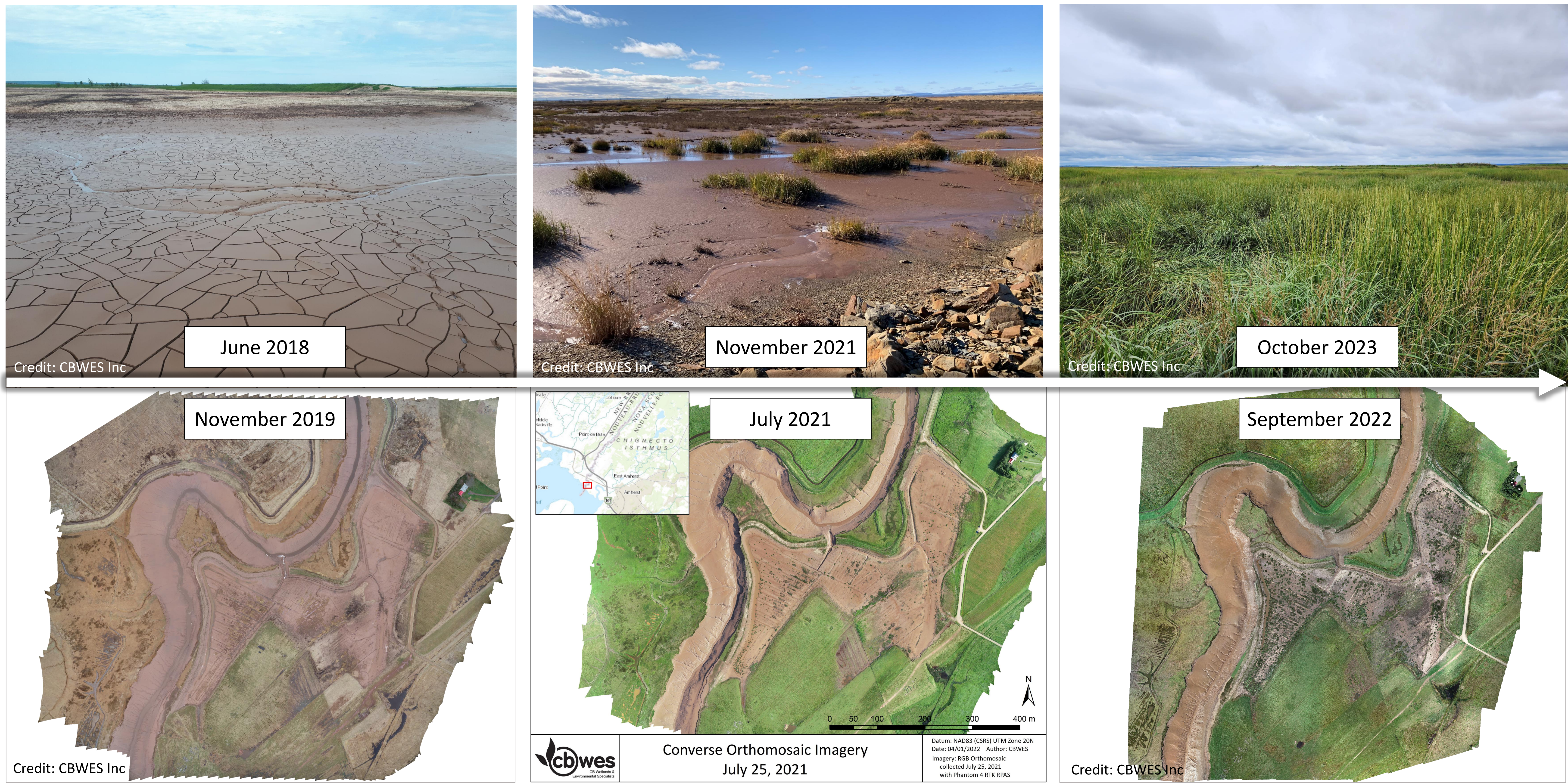
NOVA SCOTIA Agriculture

This project was undertaken with the financial support of:
Ce projet a été réalisé avec l'appui financier de:

Environment and Climate Change Canada / **Environnement et Changement climatique Canada**

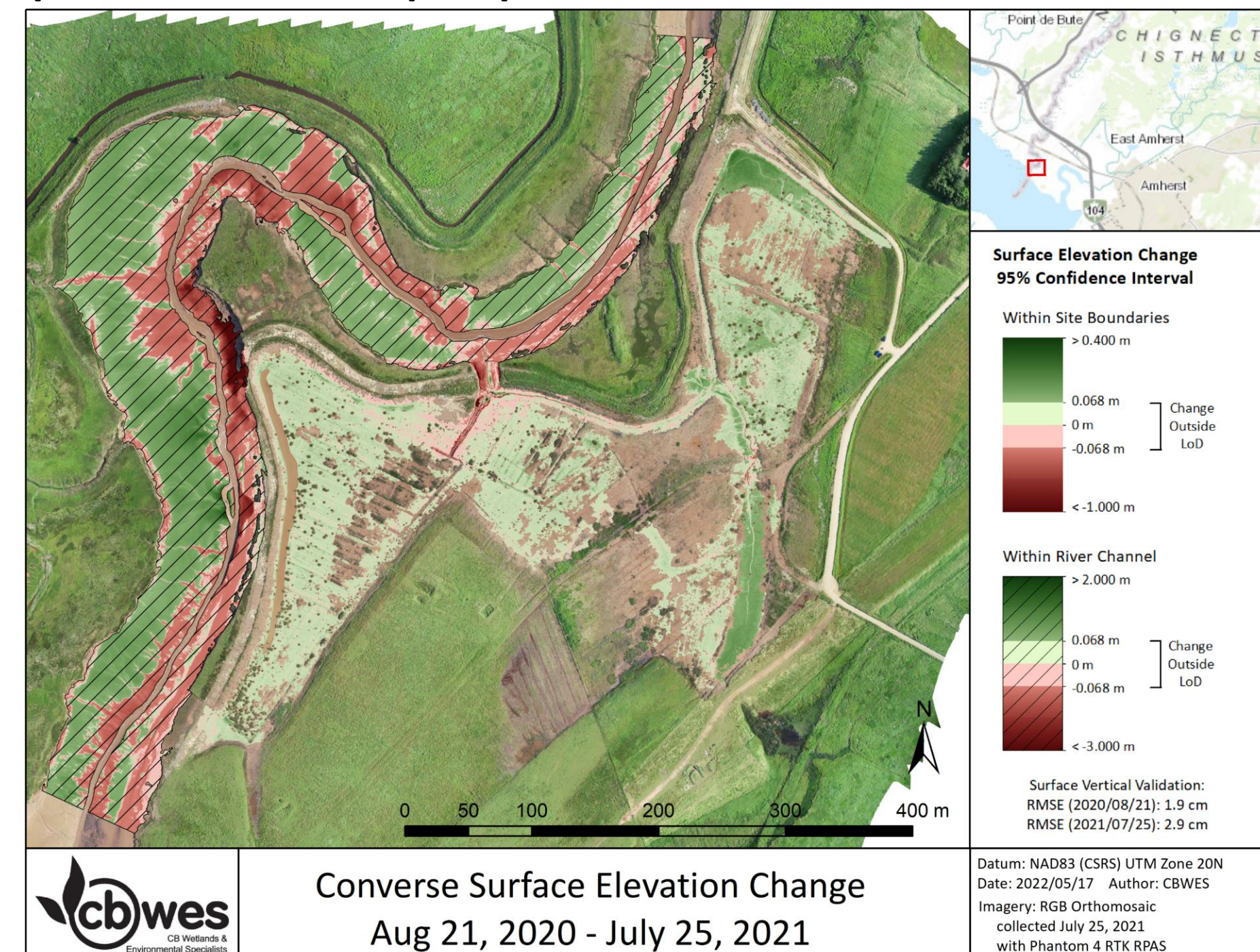
Funding (cash & in-kind) for this project has been provided by: Environment and Climate Change Canada's National Wetland Conservation Fund, Fisheries and Oceans Canada's Coastal Restoration Fund, and the Nova Scotia Department of Agriculture, CB Wetlands & Environmental Specialists, and Saint Mary's University

RESTORATION PROGRESS



SEDIMENT DEPOSITION

The Converse Marsh is trapping sediment and gaining elevation, helping the marsh platform keep up with sea-level rise.



Using Rod Surface Elevation Tables (RSET) to monitor elevation.

The Missaguash River continues to shift and erode the now decommissioned dyke.



ADAPTIVE MANAGEMENT



Hay mats, wooden stakes and planted vegetation were used to address erosion at the toe of the new dyke.

WILDLIFE



CHANNEL MOUTH

The developing breach channel is continuing to widen and deepen with restored tidal flow. The remnant aboiteau is now visible.

