

Grand Lake Dam Infrastructure Improvements

Cory MacPhee
Nova Scotia Lands Inc. (NSLI)

NSLI has managed two (2) key infrastructure upgrades at the Grand Lake Dam in Sydney, Nova Scotia between 2020 – 2022. The first upgrade highlighted in this presentation is the design and construction of a replacement concrete fish ladder to replace a deteriorated wooden fish ladder. The second upgrade is the design and construction of reinforcement of weathered earthen berm embankments adjacent to the dam spillway. Unique project challenges include obtaining services of qualified Consultants and Contractors, fish relocation, permitting, concrete formwork and pouring in a remote location, weather impacts, and quality control.