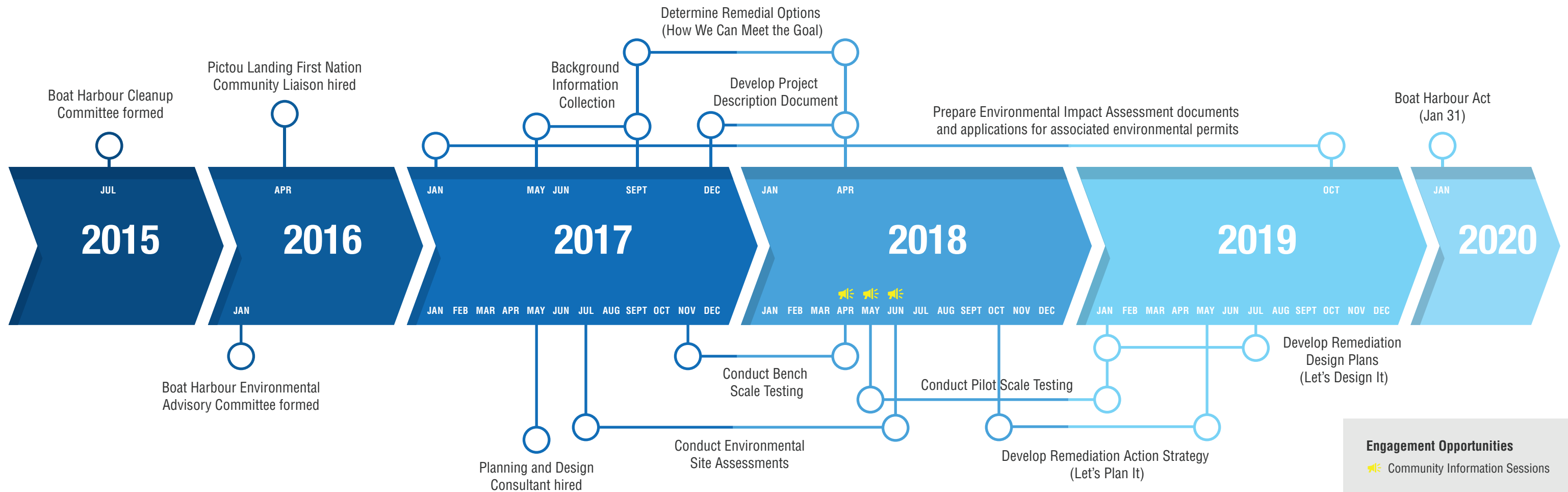


Boat Harbour Remediation Project



Project Timeline & Overview



Boat Harbour Remediation Project

An Overview & Timeline

The Problem – What's in Boat Harbour?

Timeline: 2015 - 2017

What the contamination is and how far it extends – that's the problem. Many studies on this have been done over the years. In 2017, GHD was named the design engineer. We worked on site investigations, doing interviews and records searches, taking samples of water, sediment and soil. The problem is now understood and seems to be contained to the treatment facility.

The Solution – What are the ways to clean it up?

Timeline: 2017 - 2020

With the Problem well understood, we move to the Solution.

Studies to figure this out include:

Bench Scale Testing – In the lab, we figure out how the sediments behave and can be treated and cleaned. This helps inform options for the cleanup. Then we move from the lab to the real world with pilot scale work.

Pilot Scale Testing – Later in 2018, we will remove sediments from a cove on site and treat them. Different methods will be tested for removal and treatment, leading to the best cleanup option.

An **Environmental Impact Assessment** will be completed to predict how our cleanup will affect, and how we protect, human health and the environment. In doing so, we complete field surveys to determine what plants and animals are there and to understand the types of habitat on and near the site, and how our project might interact with them. We also look at existing noise, air quality and archaeological issues, and assess how our project will interact with them in any way.

In 2019 we will complete cleanup plans, get them approved and prepare tenders. By 2020 we expect to hire two companies, one for construction - to do the physical work in the cleanup and one for oversight - to ensure the cleanup is done well, according to cleanup plans. The earliest the cleanup can start is early 2020 when the effluent ceases to flow to Boat Harbour, or January 31, 2020.

The Vision – A'se'k

Timeline: 2020 and beyond

We expect the cleanup will take about 3 to 5 years starting in 2020. About \$133 million is set aside for it. That time and cost will be better established when the design is complete and approved. After the cleanup is complete, bridge built and dam removed, we expect Boat Harbour to return to be a healthy harbour.