

Cap Brulé's New Wastewater Treatment Facility PROJECT UPDATE No.1 February 2021



“The Dunes” Approach Concept
by Acre Architects Inc.

Environmental Risk Assessment & Overall Project Coordination

- EIA Registration Document has been submitted to the NBDELG and can be viewed here:
https://www2.gnb.ca/content/gnb/en/departments/elg/environment/content/environmental_impactassessment/registrations/2021.html
- A thorough technical review of the proposed treatment has been completed.
- Geotechnical Investigation Phase A is completed. Phase B is scheduled for Winter 2021. Our team is currently identifying the environmental requirements and permitting to complete Phase B.

Contract 1 – Construction of the New Headworks Building

- The 33% Detailed Design Phase is complete. The 66% Detailed Design Phase is on-going.
- Process, mechanical, electrical, and control equipment are being sized. The foundation and structure are being designed.
- A code review of the Headworks Building was conducted. The building classifies as a “Post-Disaster” facility.
- The landscape will be composed of low-maintenance local natural grasses that will also act as a filter for rainwater run-off.
- The roof will be a combination of both the sawtooth and flat roof to allow space for the mechanical units to be installed on the roof while providing a modern aesthetic and environmentally conscious design.

The **33% Detailed Design** for the following contracts are also being developed:

Contract 2 – Aerated Lagoons and Infrastructure

Contract 3 – Outfall Forcemain

Contract 4 – Moving Bed Biofilm Reactor (MBBR) and Disc Filters

The **construction of Contract 1-Headworks Building**, is planned to begin in Summer 2021.

