

What's Up @ Randle Reef

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Issue 2

RandleReef.ca



BAY AREA RESTORATION COUNCIL

ECOLOGY · INDUSTRY · RECREATION



The Randle Reef ECF (above) at the end of hydraulic dredging

The remaining surface water will be pumped-off and treated prior to the Stage 3 multi-layer environmental cover

Stage 2 of the Randle Reef project is nearing completion. The following Stage 2 activities were on-going over the last 6 months:

- The last of the dredged contaminated sediment was placed into the Engineered Containment Facility (ECF) on June 2, 2021.
- The placement of an isolation cap on contaminated sediment outside of the ECF in the Stelco Channel will be completed by the end of summer 2021.
- Stage 3 will involve creating an environmental cover on top of the ECF. Work is anticipated to commence in early 2022 and be completed by the fall of 2023.

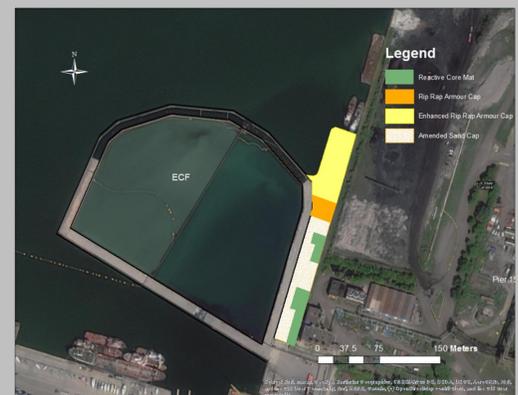


Illustration of the isolation cap placed over contaminated sediment in the channel between the ECF and Stelco. The remaining work consists of the placement of rip rap for erosional protection



Hydraulic dredge in the water in May 2021

The spuds (long dark brown pole-like components) can be seen. These are extended to the harbour bottom and are used to hold the dredge in place as well as to slowly advance the barge during dredging

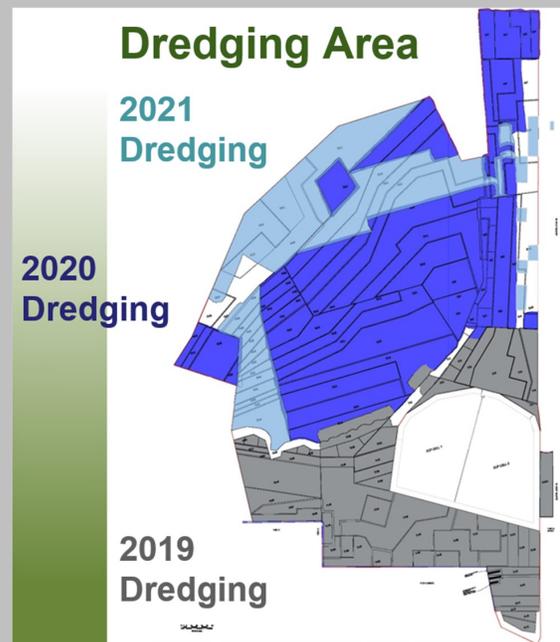
DREDGING

Dredging started up for the 2021 season on March 15 and the last of the contaminated sediment was placed in the ECF on June 2, bringing a successful end to years of dredging work.

- Contaminated sediment in some areas was not as deep as originally estimated. Additional dredging of a larger area was required to fill the ECF thus eliminating the need for thin layer capping of marginally impacted sediment.

The overall project completion date is now expected to be Fall 2023.

DREDGING PROGRESS 2019-2021



Celebration of the last day of hydraulic dredging on June 2, 2021