

NWB Executive Summary – Arctic Bay Harbour Development

Worley Canada Services Ltd. and Ikpiaryuk Services Ltd., operating as Advisian-Ikpiaryuk JV, have been retained by Public Services and Procurement Canada (PSPC) on behalf of Fisheries and Oceans Canada – Small Craft Harbour (DFO-SCH) to perform detailed design, community consultation support, regulatory support, and construction support services for the design and construction of a small craft harbour (SCH) in Arctic Bay, Nunavut (the Project). The project will include the construction of a new breakwater with a fixed wharf, a boat launch ramp, small craft floating docks, a laydown area and harbour lighting.

Along the SCH shoreline there are seven existing culverts that drain into the bay. The project design redirects these culverts around the harbour with a series of ditches and new culverts to manage discharge. This is required to reduce sediment accumulation within the harbour and prevent future maintenance dredging.

An extensive consultation program has had a role in the Project since the feasibility phase in 2018 and will continue throughout the life of the Project. The intent of diverting the drainage around the harbour has been discussed with the community on numerous occasions since the beginning of the design and permitting phase of the Project. The community has raised no concerns and is in support of diverting the drainage ditches.

Further, no environmental effects are expected from the diversion of the drainage ditches. Changes to water quality or flow are not anticipated as the water will only be redirected through the site and discharge into the same waterbody.