

Comments - Department of Fisheries and Oceans

<u>TOPIC</u>	<u>COMMENT</u>	<u>RECOMMENDATION</u>	<u>CONSULTANT / COMMUNITY RESPONSE</u>
Water Treatment and Use from Great Bear Lake	The Water Treatment OM Plan indicates that the intake pipe has a screen to prevent the entry of large debris. Fish screens prevent fish from becoming entrained or impinged.	DFO recommends a fish screen be installed on the intake pipe that meets the Department of Fisheries and Oceans Freshwater Intake End-of-Pipe Fish Screen Guideline, attached.	<p>We understand the concerns of DFO in regards to the screen however we feel that discussions in regards to the screen size installed should have taken place during the regulatory approval and construction of the water treatment plant. Having to make modifications after the fact is expensive and uneconomical.</p> <p>We understand that during design and regulatory approvals of the water treatment plant the screen located on the intake pipe was installed such that fish will not be entrained or impinged.</p>
Water Treatment and Use from Great Bear Lake	The Water Treatment OM Plan indicates that periodically, the intake pipe will be back flushed to remove accumulated solids that have settled in the pipe. A back flush of the pipe may result in a discharge of sediments to Great Bear Lake, which may be deleterious to fish and fish habitat.	DFO recommends that an alternative methods to collect and dispose of the backwash be investigated and implemented if feasible. If not, limits on TSS should be incorporated into the Water Licence conditions.	No economical alternative methods can be implemented. The backwash is done such that only minor amounts of sediment are released back to the lake bed of which they originated.
Sewage Disposal	The Water Licence Application indicates that the community lagoon is to be re-located. It is not clear from the application if the re-located lagoon will be constructed in or near fish habitat.	If the community lagoon is to be constructed near or in fish habitat, please provide project information to the DFO Yellowknife office. Guidance on information to provide can be found at the link attached. http://www.dfo-mpo.gc.ca/habitat/role/141/1415/14155/requirements-exigences/index-eng.asp	<p>The sewage lagoon is to be relocated adjacent to the new solid waste facility under construction. Once project specific details are finalized for the sewage lagoon, they will be provided to the DFO Yellowknife Office for review and comment.</p> <p>As required in the water licence, an amenmdement to the Water Licence will be applied prior to construction of the sewage lagoon.</p>