

Phone: 867 678 6676

Tyler Horton, E.I.T.

July 18, 2019

Project Manager – Upstream

Environmental & Property Solutions, Imperial

505 Quarry Park Blvd S.E.

Calgary, AB T2C 5N1

Attention: Tyler Horton, E.I.T

Re: Controlled Sewage Lagoon Decant

File Number N5L8 - 1841

Type of Operation: Type B – Industrial

Dear Mr. Tyler Horton,

It is understood that Imperial Oil, Tuk Base Project wishes to decant at the Sewage Disposal Facility (Sewage Lagoon). The purpose of this decant is to lower the water levels in the sewage lagoon to achieve and maintain the required freeboard limit as defined in Part D:, item 11 N5L8 - 1841. It is understood that this decant must occur to maintain the integrity of the sewage lagoon and to prevent an eventual uncontrolled discharge.

Further, the sewage lagoon was sampled on June 24, 2019 to provide for a decant. The results were reviewed by Environment and Natural Resources, Inuvik Regional Office and it was found that the sewage analysis are all within the Water License discharge criteria as defined in Part D, item 11.

Upon review of the preliminary results and the concern about the structural integrity of the sewage lagoon, it is decided to allow for the controlled decant to maintain the required freeboard and the

ultimately prevent uncontrolled discharge, Imperial Oil Tuk Base Project is authorized to discharge via decant.

This decision is based on the following:

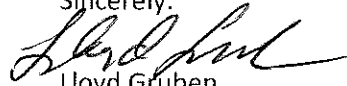
1. An adequate freeboard (less than 1m) jeopardizes the structural integrity of the lagoon.

The discharge(decant) is subject to the following conditions:

1. Discharge as slow as possible and in a regulated manner. This will allow for high dilution as sewage water slowly moves through the system:
2. Only decant to the permitted freeboard of 1m (Part D, Part 3 in the Water License). This will ensure the structural integrity of the lagoon: and
3. The licensee (Imperial Oil Tuk Base Project) must adhere to all applicable conditions in the Water License.

If you have any questions or concerns regarding this enclosed, and/or if additional information is required, please contact me at 867 678 6676

Sincerely,



Lloyd Gruben

Water Resources Officer

Environment and Natural Resources

Inuvik Region

CC: Lila Voudrach – Manager, Wildlife and Environment
Mardy Semmler – Executive Director IWB
Bijaya Adhikari – Science and Regulatory Coordinator - IWB