



TECHNICAL MEMORANDUM

DATE 6 July, 2026

Project No. CA0070859.2025

TO Bijaya Adhikari, PhD.
Inuvialuit Water Board

CC Pamela Gyug, Imperial Oil

FROM Punchalee Clair, WSP Canada Inc.

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**SUBJECT: MODIFICATION TO ADD AN ADDITIONAL ENGINEERED SOIL STAGING AREA (ESSA 4) –
TUK BASE REMEDIATION**

Ref: Water License: N5L8-1841

On behalf of Imperial Oil, WSP Canada Inc. is pleased to provide you with the attached design drawing for an additional Engineered Soil Staging Area (ESSA 4) at the former Tuktoyaktuk Exploration Logistics Base Camp (Tuk Base). This additional ESSA 4 uses a similar design as the current accepted ESSAs. Modifications are limited to the construction of ESSA 4 as per the attached design drawings located at 69°25'37.79"N latitude and 132°57'21.71" longitude. No other modifications are being proposed.

Justification of the proposed changes are:

- 1) The current accepted ESSAs cannot hold all the planned material volume anticipated to be removed from the former South Landfill. The construction of an additional soil treatment cell was last approved in August 2019.
- 2) Soil samples from the area will be collected and will be used as a baseline control after the ESSA 4 is decommissioned.
- 3) Two (2) lined decant structures within the additional ESSA 4 will be constructed.

Should you have any questions or require further information please do not hesitate to contact the undersigned.

WSP Canada Inc.

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Attachments: Proposed Engineered Soil Staging Area (ESSA 4)

