

June 27, 2023

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Jackfish Water Licence MV2019L1-0001 - Thermal Plume Delineation Study Report Resubmission

Hello Tyree,

The Jackfish Lake Generating Facility is regulated by the Mackenzie Valley Land and Water Board (MVLWB) Water Licence MV2019L1-0001. In accordance with Part E, Condition 5 of Licence MV2019L1-0001, the Northwest Territories Power Corporation (NTPC) submitted a Thermal Plume Delineation Study Report to the MVLWB on February 28, 2023.

On May 31, 2023, the MVLWB issued a letter requesting revisions to Thermal Plume Delineation Study Report. As requested, NTPC is resubmitting the following documents with the required revisions to incorporate the recommendations from the MVLWB as part of the Thermal Plume Delineation Study Report:

- 1) Jackfish Thermal Plume Delineation Study
- 2) Appendix C Water Level and Flow (Excel)
- 3) Appendix D.1 Water Temperature – Temperature Logger Data (Excel)
- 4) Appendix D.2 Water Temperature – Thermistor Data (Excel)
- 5) Appendix F – Fish Target Distribution in Jackfish Lake

The full Thermal Plume Delineation Study Report package has been uploaded as an FTP submission on the Online Review System for the MVLWB. If you have any questions regarding this submission or if there is any further information we can provide, please contact Patrick Smith at psmith@ntpc.com.

Sincerely,



Patrick Smith
Environmental Licencing Analyst
Northwest Territories Power Corporation