


PERMIT TO ALTER A BODY OF WATER

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 48

Date: **JULY 04, 2025**

File No: **527**

Permit No: **ALT14391-2025**

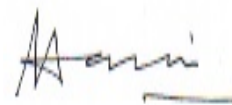
Permit Holder: **NL Hydro
P.O. Box 12400
500 Columbus Drive
St. John's NL A1B 4K7**


Attention: **Jackie Wells**

Re: **Lower Churchill Project - Gull Island (Multiple Waterbodies) - Hydrometric and Mooring Station Installation**

Permission is hereby given for : **The installation of 7 hydrometric stations and 13 mooring stations within the Churchill River, Kenamu River, and Minipi River for the Lower Churchill Project-Gull Island for the purpose of the environmental survey program for a component of the Lower Churchill Project, in reference to the application received on April 17, 2025.**

- This Permit does not release the Permit Holder from the obligation to obtain appropriate approvals from other concerned municipal, provincial and federal agencies.
- The Permit Holder must obtain the approval of the Crown Lands Administration Division if the project is being carried out on Crown Land.
- This Permit is subject to the terms and conditions indicated in Appendices A and B (attached).
- It should be noted that prior to any significant changes in the design or installation of the proposed works, or in event of changes in ownership or management of the project, an amendment to this Permit must be obtained from the Department of Environment and Climate Change under Section 49 of the *Water Resources Act*.



(for) MINISTER

APPENDIX A
Terms and Conditions for Permit

Special Conditions

1. The establishment of a water resources monitoring network and its operation and maintenance is required pursuant to the release of the project under the Environmental Protection Act and requirements under Section 31 of the Water Resources Act SNL 2002 cW-4.01. Any and all temporary water resources monitoring stations established under this permit shall be considered by the Water Resources Management Division (WRMD) for integration into the long-term water resources monitoring network for the Churchill River watershed. Stations selected for integration shall be agreed upon between WRMD and NL Hydro prior to construction of the Gull Island Dam.
2. A water resources monitoring network may consist of a station(s) that collects water quality, water level, streamflow, climate, groundwater level, web camera images, or other data deemed necessary for the management of water resources.
3. Long-term monitoring stations must remain active for the life of the Gull Island Hydroelectric Development unless otherwise agreed to by this Department.
4. As per Section 49(2) of the Water Resources Act, the Minister may amend any terms and conditions outlined in this permit or add new terms and conditions by issuing an amendment to this permit.

Water Resources EA Commitments

5. The Proponent must establish an index network of climate stations throughout the reach of the project area. These stations may be used to distinguish Project impacts from climate change impacts, assess any Project impacts on the Mud Lake ice bridge and be used for operational purposes. The proposed climate network stations must be submitted to Water Resources Management Division for review and approval.
6. As per OC 2012-061 (Lower Churchill Hydroelectric Generation Project Undertaking Order) the Proponent must include in its Environmental Effects Monitoring Plan provisions to undertake ice formation monitoring. Any proposed monitoring and reporting must be submitted to the Water Resources Management Division for review and approval.

General Alterations

7. Any work that must be performed below the high water mark must be carried out during a period of low water levels.
8. Water pumped from excavations or work areas, or any runoff or effluent directed out of work sites, must have silt and turbidity removed by settling ponds, filtration, or other suitable treatment before discharging to a body of water. Effluent discharged into receiving waters must comply with the *Environmental Control Water and Sewage Regulations, 2003*.
9. All operations must be carried out in a manner that prevents damage to land, vegetation, and watercourses, and which prevents pollution of bodies of water.
10. The use of heavy equipment in streams or bodies of water is not permitted. The operation of heavy equipment must be confined to dry stable areas.
11. All vehicles and equipment must be clean and in good repair, free of mud and oil, or other harmful substances that could impair water quality.
12. During the construction of concrete components, formwork must be properly constructed to prevent any fresh concrete from entering a body of water. Dumping of concrete or washing of tools and equipment in any body of water is prohibited.
13. Any areas adversely affected by this project must be restored to a state that resembles local natural conditions. Further remedial measures to mitigate environmental impacts on water resources can and will be specified, if considered necessary in the opinion of this Department.

14. The bed, banks and floodplains of watercourses, or other vulnerable areas affected by this project, must be adequately protected from erosion by seeding, sodding or placing of rip-rap.
15. All waste materials resulting from this project must be disposed of at a site approved by the Department of Digital Government and Service NL.
16. Periodic maintenance such as painting, resurfacing, clearing of debris, or minor repairs, must be carried out without causing any physical disruption of any watercourse. Care must be taken to prevent spillage of pollutants into the water.
17. The owners of structures are responsible for any environmental damage resulting from dislodgement caused by wind, wave, ice action, or structural failure.
18. Sediment and erosion control measures must be installed before starting work. All control measures must be inspected regularly and any necessary repairs made if damage is discovered.
19. The attached Completion Report (Appendix C) for Permit No. 14391 must be completed and returned to this Department upon completion of the approved works. Pictures must be submitted along with the completion report, showing the project site prior to and after development.
20. This Permit is valid for two years from the date of issue. Work must be completed by that date or the application and approval procedure must be repeated.
21. The location of the work is highlighted on the Location Map for this Permit attached as Appendix D.
22. This licence/permit does not constitute an acknowledgement of interest in any land claims adjacent.

APPENDIX B
Special Terms and Conditions for Permit

1. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall keep all systems and works in good condition and repair and in accordance with all laws, by-laws, directions, rules and regulations of any governmental authority. The Permit Holder or its agent(s), subcontractor(s), or consultant(s) shall immediately notify the Minister if any problem arises which may threaten the structural stability of the systems and works, endanger public safety and/or the environment or adversely affect others and/or any body of water either in or outside the said Project areas. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall be responsible for all damages suffered by the Minister and Government resulting from any defect in the systems and works, operational deficiencies/inadequacies, or structural failure.
2. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall operate the said Project and its systems and works in a manner which does not cause any water related and/or environmental problems, including but not limited to problems of erosion, deposition, flooding, and deterioration of water quality and groundwater depletion, in or outside the said Project areas. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall be responsible for any and all damages associated with these problems caused as a result of changes, deficiencies, and inadequacies in the operational procedures by the Permit Holder or its agent(s), subcontractor(s), or consultant(s).
3. If the Permit Holder or its agent(s), subcontractor(s), or consultant(s) fails to perform, fulfil, or observe any of the terms and conditions, or provisions of this Permit, as determined by this Department, the Minister may, without notice, amend, modify, suspend or cancel this Permit in accordance with the *Water Resources Act*.
4. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) indemnify and hold the Minister and Government harmless against any and all liabilities, losses, claims, demands, damages or expenses including legal expenses of any nature whatsoever whether arising in tort, contract, statute, trust or otherwise resulting directly or indirectly from granting this Permit, systems and works in or outside the said Project areas, or any act or omission of the Permit Holder or its agent(s), subcontractor(s), or consultant(s) in or outside the said Project areas, or arising out of a breach or non-performance of any of the terms and conditions, or provisions of this Permit by the Permit Holder or its agent(s), subcontractor(s), or consultant(s).
5. This Permit is subject to all provisions of the *Water Resources Act* and any regulations in effect either at the date of this Permit or hereafter made pursuant thereto or any other relevant legislation enacted by the Province of Newfoundland and Labrador in the future.
6. This Permit shall be construed and interpreted in accordance with the laws of the Province of Newfoundland and Labrador.

- cc: Shem Evans
Hatch (NL)
80 Hebron Way, Suite 100
St. John's, NL A1A 0L9
shem.evans@hatch.com
- cc: Ms. Paula Dawe, P.Eng.
Manager, Water Rights, Investigations and Modelling Section
Water Resources Management Division
Department of Environment and Climate Change
P.O. Box 8700
4th Floor, West Block, Confederation Building
St. John's, NL A1B 4J6
pauladawe@gov.nl.ca
- cc: Labrador Lands Office
Department of Municipal Affairs
Labrador Regional Lands Office
2 Tenth Street, P.O. Box 3014 Station B
Happy Valley-Goose Bay, NL A0P 1E0
labradorlandsoffice@gov.nl.ca
- cc: Fish and Fish Habitat Protection Program
Aquatic Ecosystems Branch
Fisheries and Oceans Canada
P.O. Box 5667
St. John's, NL A1C 5X1
dfo.fppnl-ppptnel.mpo@dfo-mpo.gc.ca
- cc: Mark Bugden
Senior Analyst
Executive Council
Indigenous Affairs and Reconciliation
mbugden@gov.nl.ca

Appendix C - Completion Report

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 48

Date: **JULY 04, 2025**

File No: **527**

Permit No: **ALT14391-2025**

Permit Holder: **NL Hydro
P.O. Box 12400
500 Columbus Drive
St. John's NL A1B 4K7
jackiewells@nlh.nl.ca**

Attention: **Jackie Wells**

Re: **Lower Churchill Project - Gull Island (Multiple Waterbodies) - Hydrometric and Mooring
Station Installation**

Permission was given for : **The installation of 7 hydrometric stations and 13 mooring stations within the Churchill River, Kenamu River, and Minipi River for the Lower Churchill Project-Gull Island for the purpose of the environmental survey program for a component of the Lower Churchill Project, in reference to the application received on April 17, 2025.**

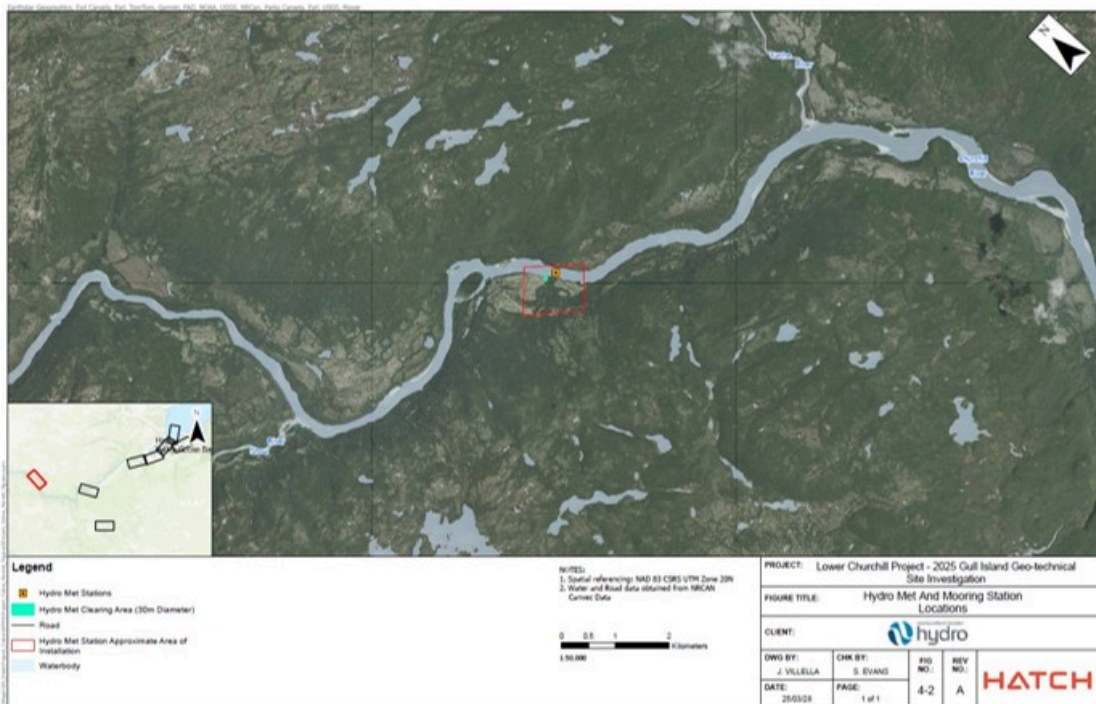
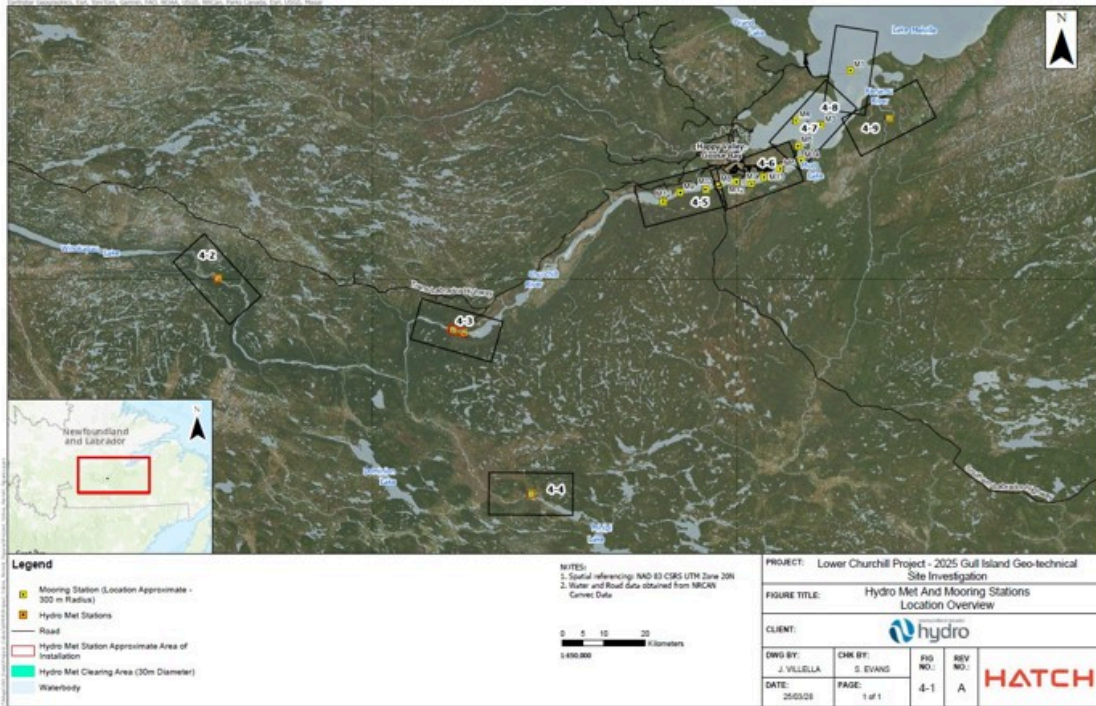
I (the Permit Holder named above or agent authorized to represent the Permit Holder) do hereby certify that the project described above was completed in accordance with the plans and specifications submitted to the Department of Environment and Climate Change and that the work was carried out in strict compliance with the terms and conditions of the Permit issued for this project.

Date: _____ Signature: _____

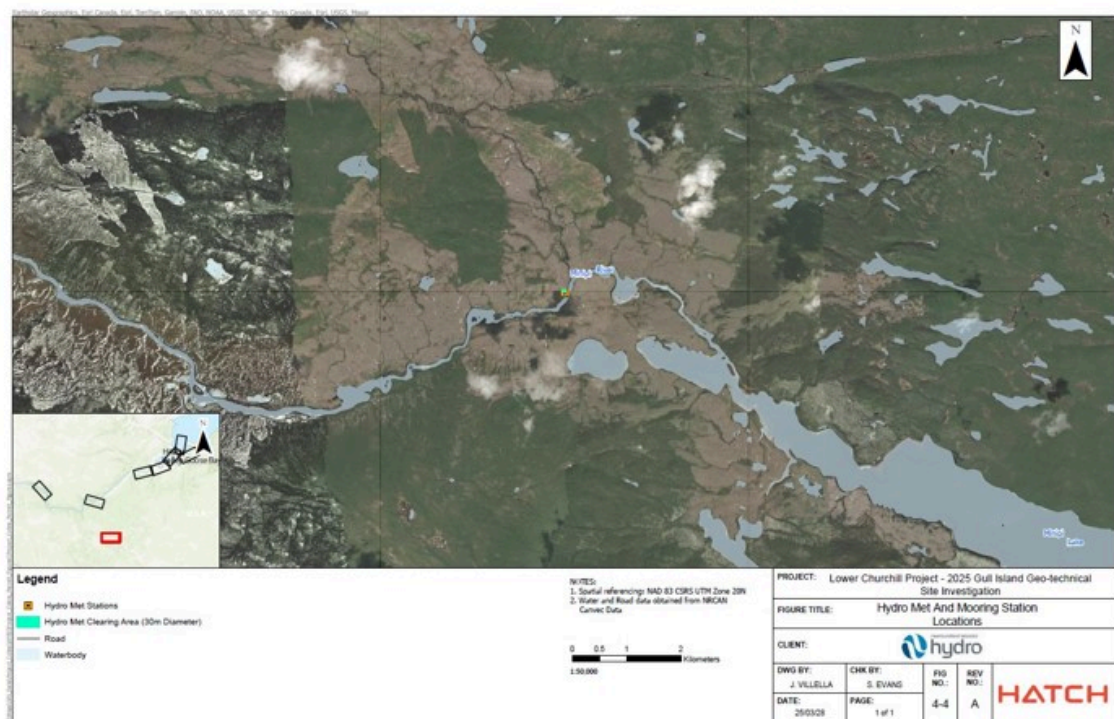
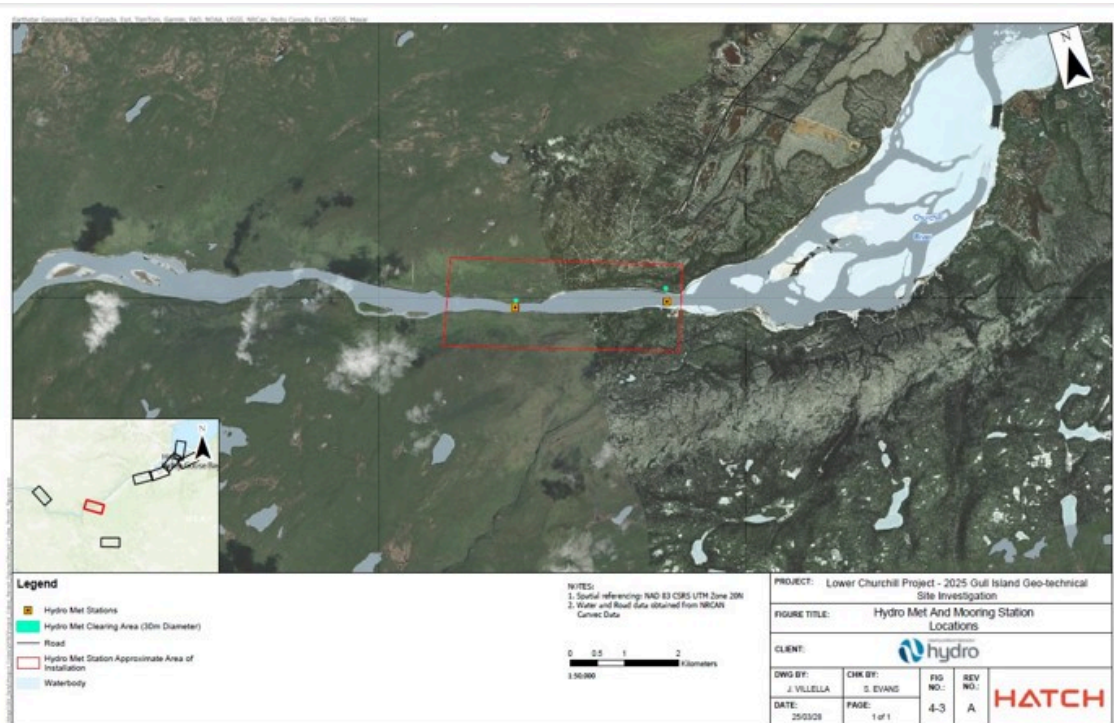
This completion report must be completed and forwarded to the following address upon completion of the approved work.

Department of Environment and Climate Change
Water Resources Management Division
PO Box 8700
St. John's NL A1B 4J6

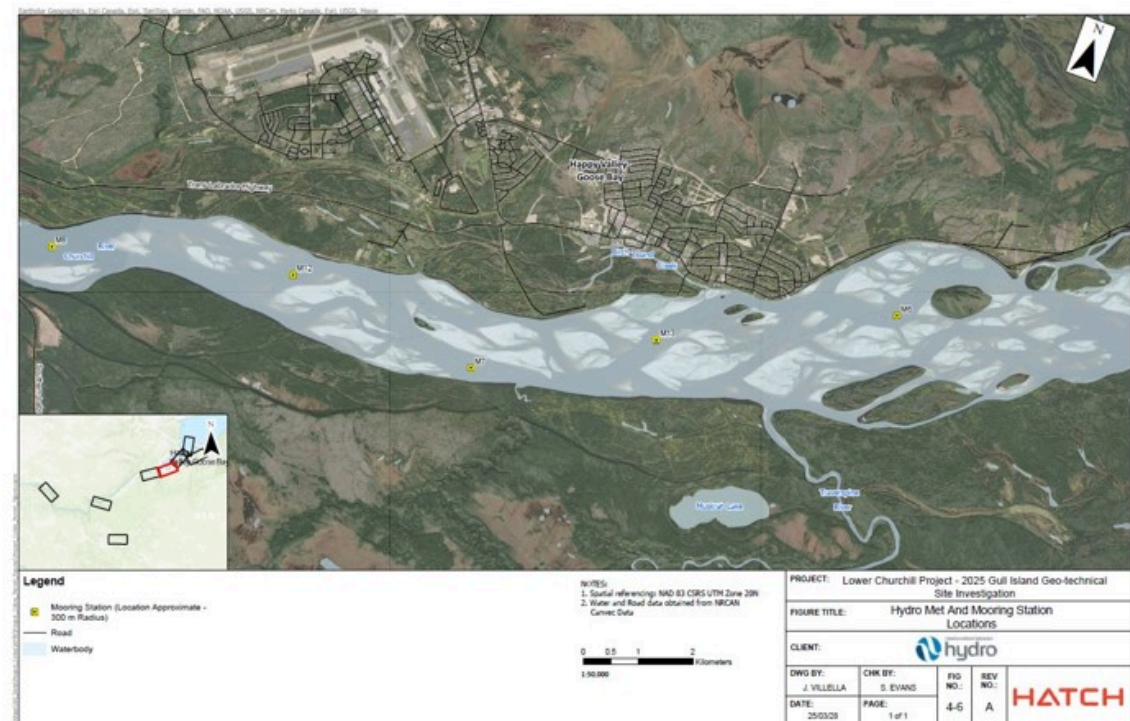
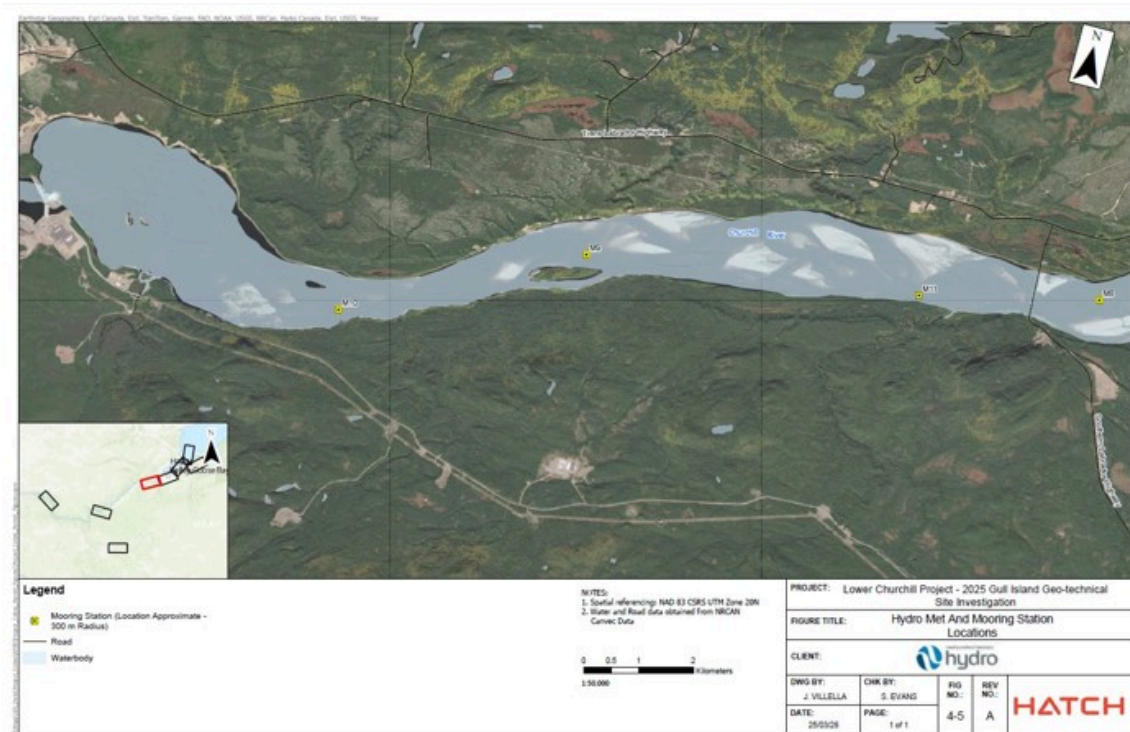
APPENDIX D
Location Map for Permit



Second Attached Image File



Third Attached Image File



Fourth Attached Image File

