

PERMIT TO ALTER A BODY OF WATER

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 39, 48

Date: **OCTOBER 02, 2025**

File No: **526**
Permit No: **ALT14615-2025**

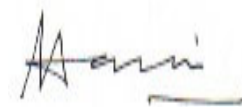
Permit Holder: **LSD of Piccadilly Head
PO Box 18, Site 16 RR2
LSD of Piccadilly Head
NL, A0N-120
aliciadrake05@gmail.com**

Attention: **Alicia Drake**

Re: **Piccadilly Head - Unnamed Water Supply Dam - Emergency Dam Repairs**

Permission is hereby given for : **the infilling of the downstream side of Piccadilly Head's Unnamed Water Supply Dam to support the existing wood cribbing, reinstatement of the existing spillway and associated activities as detailed in the application received from Aguathuna Drafting and Consulting Company Ltd. on September 19, 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

Dam/Reservoir Design

1. As these are emergency repairs, it is acceptable that the existing spillway is unable to discharge design flows in the short term. However, when long-term repairs are completed, the reservoir must be provided with a spillway of adequate capacity to safely discharge design flows at non-erosive velocities without causing flooding of the reservoir or damage to the spillway or section downstream channel.
2. The dam and appurtenant structures shall be constructed at the following coordinates:

Name	Latitude (decimal degrees)	Longitude (decimal degrees)
Piccadilly Head Unnamed Water Supply Dam	48.5874	-58.9226

Dam Construction

3. Fill material must be obtained from an approved quarry site. It must not be taken from beaches or streams, and must not be dredged from a body of water.
4. The transportation of labour and materials to the site must be along existing access roads.
5. The dam and spillway must be inspected regularly to identify any indications of structural failure, leaking, erosion or other problem so that immediate action can be taken to rectify the problem.
6. The work must meet the requirements of the Environmental Protection Plan (latest approved version) for the project.
7. An experienced geosynthetic installer will install the geomembrance liner and non-woven geotextile associated with this project. Installation will be carried out in accordance with the International Association of Geosynthetics Installers and Geosynthetics Research Institute industry standards.
8. Work must be conducted in dry conditions.

Dam Safety

9. The dam has been conditionally classified in the SIGNIFICANT Consequence category based on the 2007 Canadian Dam Association (CDA) guidelines. To meet the CDA's Dam Safety guidelines (Current Edition) for dams of this classification, the owner must:
 - Carry out a Dam Safety Review and submit a Dam Safety Report to this Department within three years of the start of work and a maximum of every **ten years** after that,
 - Carry out further dam and spillway inspections at the intervals recommended in the Dam Safety Review to identify any indications of structural failure, leaking, erosion or other problem so that immediate action can be taken to rectify the problem,
 - Carry out dam operation, maintenance and surveillance operations in accordance with the recommendations of the Dam Safety Review so that an acceptable level of the dam safety is ensured.

Dam Maintenance

10. The dam and associated works shall be maintained according to the Canadian Dam Association Dam Safety Guidelines and associated Bulletins (most recent edition).
11. Any work that entails substantial upgrades or repairs to any dam component that: changes the structure or design of the dam, affects dam safety or the physical stability of the dam, poses a risk of potential dam failure, or is deemed of high risk or significant in scope by this Department shall require a separate approval.

General Alterations

12. Any work that must be performed below the high water mark must be carried out during a period of low water levels.
13. Any flowing or standing water must be diverted around work sites so that work is carried out in the dry.
14. 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*.
15. 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.
16. 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.
17. 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.
18. Wood preservatives such as penta, CCA or other such chemicals must not be applied to timber near a body of water. All treated wood or timber must be thoroughly dry before being brought to any work site and installed.
19. 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.
20. 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.
21. The owners of structures are responsible for any environmental damage resulting from dislodgement caused by wind, wave, ice action, or structural failure.
22. 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.
23. Fill material must be of good quality, free of fines or other substances including metals, organics, or chemicals that may be harmful to the receiving waters.
24. The attached Completion Report (Appendix C) for Permit No. 14615 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.
25. 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. The following term(s) are valid for the life cycle of the structure: 5 and 9.

26. The location of the work is highlighted on the Location Map for this Permit attached as Appendix D.
27. All work must be carried out within the Permit Holder's legal property boundaries.

PPWSA General

28. All persons working on this project must be informed that they are within a Protected Public Water Supply Area, and must be made aware of all conditions of this Permit. A copy of this Permit must be on site during operations.
29. An undisturbed (no cutting or ground disturbance) buffer zone of at least **150 metres** shall be maintained around Unnamed Brook for a distance of 1 kilometer upstream and 100 metres downstream of the intake, at least **75 metres** along the remainder of Unnamed Brook, at least **50 metres** around major lakes or ponds and along both sides of all streams and main tributaries running into Unnamed Brook, and at least **30 metres** around all ponds and along both sides of all other water bodies including wetlands and field identified streams. Activity or development not related to these emergency works within these buffer zones is prohibited. All buffer zones must be marked with signs or flagging tape to avoid encroachment into the buffer zones.
30. Treated wood shall not be used in a water body or within buffer zones established in the above condition of any water body measured from the high water mark. The use of creosote treated wood anywhere within the Protected Public Water Supply Area is strictly prohibited.
31. All waste material is to be collected in refuse containers, and disposed of at an approved waste disposal site outside the Protected Public Water Supply Area in accordance with the *Environmental Protection Act, SNL 2002 cE-14.2*.
32. Equipment storage, maintenance facilities associated with this project, and all maintenance other than emergency repairs must not be located/carried out within the Protected Public Water Supply Area.
33. Officials of the Department and the appropriate Municipal Authority, Operator, or Watershed Management Committee may visit the site to ensure compliance with this Permit.
34. Liaison is to be maintained with the appropriate Municipal Authority and Environmental Scientist. If there are any specific problems (i.e. sedimentation, fuel spill, or other potential water quality impairment), the appropriate Town Manager/Clerk, Mayor, Chair of the Local Service District Committee, or Chair of the Water Supply Committee must be notified immediately at (709)271-2084. The Environmental Scientist must also be notified immediately at **(709)637-2542**.
35. Any changes in water quality resulting directly from this project, rendering the water unsuitable as a public water supply, are the responsibility of the Permit Holder. The Minister may order the Permit Holder to provide an alternate source of potable water to the affected community until water quality returns to an accepted level.
36. All stationary motorized equipment and associated fuel tanks shall have metal trays, absorbent pads or impervious liners under them to catch and contain in excess of 110 % of the aggregate volume of any fuel, lubricant and oil.
37. Drainage from roads and other disturbed areas into any body of water must first be discharged into a settling pond, a vegetated area or pass through a sedimentation fence where all suspended material can settle out before draining into any body of water.
38. For any clearing inside buffer zones: no ground disturbance (no disturbance to the root mat, no grubbing, or removal of soil) shall take place in the buffer zones. The Permit Holder is to ensure that the appropriate best practices are employed to prevent any detrimental effects that could impact water quality. Where possible, work in buffer zones shall be completed when the ground is frozen.

39. Where permits, licences, approvals or authorizations are issued by multiple governments departments or agencies, in the case of similar conditions, the more stringent of those shall prevail; in the case of conflicting conditions, the Permit Holder shall seek clarification and direction in writing from each of the respective departments or agencies.
40. The Permit Holder is required to ensure that adequate sanitary (bathroom) facilities are available or provided on site. This may be in the form of a portable toilet, chemical toilet, pit privy (outhouse), sub-surface disposal system, or municipal sewer system. If a portable toilet or chemical toilet is used, the waste water must be disposed of in a septic disposal system approved by Service NL, or at an approved waste disposal site, outside the Protected Public Water Supply Area in accordance with the Environmental Protection Act, SNL 2002 cE-14.2. If a pit privy (outhouse) or sub-surface disposal system is used, it must be located outside the required buffers, and be subject to the Department of Government Modernization and Service Delivery standards, requirements and approval.
41. The issuance of this permit does not guarantee, nor set precedent, that additional or similar permits or amendments will be issued in this or any other Protected Public Water Supply Area for additional or similar activity or development.
42. This licence/permit does not constitute an acknowledgement of interest in any land claims adjacent.

Fuel Storage

43. There shall be no bulk fuel storage associated with this project within the protected water supply area. Fuel shall be brought to the operating area in no more than two (2), 205 litre barrels or one (1) 500 litre slip tank. The Permit Holder is hereby informed that fuel storage and handling requires a separate approval under the *Storage and Handling of Gasoline and Associated Products Regulations*, CNR 775/96.
44. Contaminated snow and soil must be removed from the site and disposed of at an approved location outside the protected public water supply area, in accordance with the *Environmental Protection Act*, SNL 2002 cE-14.2.
45. Any spills of gasoline, fuel or oil, regardless of volume, shall be reported immediately to the Environmental Scientist at (709)637-2542 and the appropriate Municipal Authority or Watershed Management Committee by calling (709)271-2084. Furthermore, all spills in excess of 70 litres shall be reported immediately to the 24 hour spill report line at 1-800-563-9089.
46. A complete oil spill clean-up kit must be on site at all times when gasoline or fuel powered equipment is being used or refuelled. The kit must contain the following:
 - One hand operated fuel pump
 - One recovery container such as an empty 205 litre drum
 - One shovel
 - One pick axe
 - Five metres of containment boom
 - Five absorbent pads
 - Twenty-five litres of loose absorbent material
47. Refueling sites shall be located at least 150 metres from any water body or wetland.

Protected Miscellaneous

48. The Permit Holder must inspect the site daily, and any water quality impairment related problems are to be reported immediately to the Environmental Scientist at (709)637-2542 and the appropriate Municipal Authority or Watershed Monitoring Committee at (709)271-2084.
49. The Permit Holder is required to provide this Department with all documentation, information and data which may be requested or required in order to carry out the inspection or investigation.

50. Sawdust, bark, and logs must not be stored within undisturbed buffer zones of any body of water, and must be removed at regular intervals to prevent excessive accumulation at the site.
51. Wood and brush removed from the work site must not be stored within undisturbed buffer zones of any water body.
52. The Permit Holder is required to undertake a water quality monitoring program as outlined below. Samples are to be submitted to a CALA-certified laboratory and all water quality data must be submitted to this Department, within 10 days of the samples being taken.
 - Water samples shall be collected from the intake area on Unnamed Brook .
 - Water samples shall be collected approximately 10 days after the completion of the project.
 - Please contact the Environmental Scientist at (709)637-2542 for a complete list of parameters.

Special Conditions

53. Every effort must be made to avoid soil or sediment from eroding into the reservoir.
54. Cleaning of any equipment, including but not limited to, equipment that comes into contact with concrete or paint, is not permitted within the Unnamed Brook Protected Public Water Supply Area.

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: Mr. Kelsey Collier, P. Eng.
Aguathuna Drafting and Consulting Company Ltd
3A Neptune Drive
Stephenville, NL
A2N 3X8
kelsey@adcengineering.ca
- cc: Ms. Deneen Spracklin, P.Eng.
Manager, Drinking Water and Wastewater 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
dspracklin@gov.nl.ca
- cc: Ms. Carla Hayes, P.Tech
Environmental Scientist, Drinking Water Section
Water Resources Management Division
Department of Environment and Climate Change
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Corner Brook, NL A2H 6J8
CarlaHayes@gov.nl.ca



Appendix C - Completion Report

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 39, 48

Date: **OCTOBER 02, 2025**

File No: **526**
Permit No: **ALT14615-2025**

Permit Holder: **LSD of Piccadilly Head
PO Box 18, Site 16 RR2
LSD of Piccadilly Head
NL, A0N-120
aliciadrake05@gmail.com**

Attention: **Alicia Drake**

Re: **Piccadilly Head - Unnamed Water Supply Dam - Emergency Dam Repairs**

Permission was given for : **the infilling of the downstream side of Piccadilly Head's Unnamed Water Supply Dam to support the existing wood cribbing, reinstatement of the existing spillway and associated activities as detailed in the application received from Aguathuna Drafting and Consulting Company Ltd. on September 19, 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

ALT14615-2025



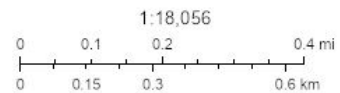
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Intakes / Wellheads

Intakes

Public Water Supplies

Protected



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar