

**PERMIT FOR DEVELOPMENT**

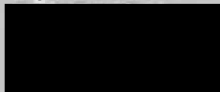
Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 39

Date: **FEBRUARY 07, 2020**

File No: **550.01.02.09.025**

Permit No: **PRO10873-2020**

Permit Holder: **Ryan Waterman**

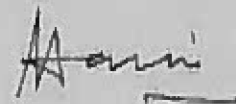


Attention: **Ryan Waterman**

Re: **Indian Bay - Indian Bay Brook PPWSA - Recreational Cottage - Ryan Waterman**

Permission is hereby given for : **recreational cottage in Indian Bay Brook Protected Water Supply Area (used by the Town of Indian Bay) with reference to the application dated January 21, 2020**

- 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 Municipal Affairs and Environment under Section 49 of the *Water Resources Act*.



(for) MINISTER

APPENDIX A

Terms and Conditions for Permit

---

**PPWSA General**

1. 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.
2. 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.
3. 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.
4. The attached Completion Report (Appendix C) for Permit No. 10873 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.
5. An undisturbed (no cutting or ground disturbance) buffer zone of at least 150 metres shall be maintained around Indian Bay Brook for a distance of 1 kilometer upstream, at least 75 metres along the remainder of Indian Bay Brook, at least 50 metres along both sides of all streams and main tributaries running into Indian Bay Brook, and at least 30 metres around all ponds and along both sides of all other water bodies. Activity or development within these buffer zones is prohibited. All buffer zones must be marked with signs or flagging tape to avoid encroachment into the buffer zones.
6. 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*.
7. 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.
8. The Department reserves the right to require that the Permit Holder follow, and cover all costs incurred by the Permit Holder or this department, associated with any water quality monitoring program that may be ordered by the Minister for the purpose of ensuring that the water quality is maintained within acceptable guidelines.
9. Officials of the Department and the appropriate Municipal Authority, Operator, or Watershed Management Committee may visit the site to ensure compliance with this Permit.
10. Liaison is to be maintained with the appropriate Municipal Authority and Environmental Scientist. If there are any specific problems (ie sedimentation, fuel spill, 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)678-2727. The Environmental Scientist must also be notified immediately at (709)729-1157 or (709)729-7634.
11. The felling or disposing of trees, parts of trees, sawdust, bark, logging debris or slash into a water body or upon the frozen surface of a water body is strictly prohibited.

12. Treated wood shall not be used in a water body or within buffer zones established in Condition #5 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.
13. 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 729-1157 and the appropriate Municipal Authority or Watershed Monitoring Committee at (709)678-2727.
14. The location of the work is highlighted on the Location Map for this Permit attached as Appendix D.
15. This Permit is valid for 5 years from the date of issue.
16. All vehicles and equipment must be in good working order with no leaking fuel, oil, or other harmful substances that could impair water quality.
17. 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.
18. 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.
19. Any streams not visible on a 1:50,000 scale map (including field identified streams) shall require a minimum buffer of 30 m.
20. Where permits, licences, approvals or authorizations are issued by multiple governments departments or agencies, in the case of similar conditions, the more stringent of the 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.
21. 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 Service NL standards, requirements and approval.
22. 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.
23. Any activity within a freshwater body (including wetlands and flood risk areas), requires a Permit under Section 48 of the Water Resources Act, 2002. This Permit refers to Section 39 of the Water Resources Act, 2002 and does not grant permission for the above stated work including fording and/or culvert or bridge installation.

#### **Cabins & Dwellings**

24. Sign-posts clearly marked Ryan Waterman must be placed, and remain in place, at the corners of the approved area.

25. If a chemical toilet is used, the waste must be disposed of in an approved septic disposal system, 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*.
26. All sewage disposal systems (i.e. pit privy or septic tank disposal system) must be approved by Service NL prior to installation. Systems must be located at least 50 metres from the high water mark of the nearest water body.
27. This permit relates specifically to land application no. 156319

**Fuel Storage**

28. Any spills of gasoline, fuel or oil, regardless of volume, shall be reported immediately to the Environmental Scientist and the appropriate Municipal Authority or Watershed Management Committee by calling 729-1157 and (709)678-2727 respectively. Furthermore, all spills in excess of 70 litres shall be reported immediately to the 24 hour spill report line at 1-800-563-9089.
29. Refueling sites shall be located at least 150 metres from any water body or wetland.

**Special Conditions**

30. A pit privy (outhouse) must be located outside the required buffers specified in this permit, and be subject to Service NL standards and requirements. A reference document, "The Sanitary Pit Privy" has been attached and can also be found online at: <https://www.health.gov.nl.ca/health/publications/pitprivies2009.pdf>.

**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: Town of Indian Bay  
Ms. Triffie Parsons, Town Clerk/Manager  
10-18 Municipal Cres.  
Indian Bay, NL A0G 2V0  
townofindianbay@hotmail.com
- 
- cc: Ms. Paula Dawe, P.Eng.  
Manager, Drinking Water and Wastewater Section  
Water Resources Management Division  
Department of Municipal Affairs and Environment  
P.O. Box 8700  
4th Floor, West Block, Confederation Building  
St. John's, NL A1L 4J6  
pauladawe@gov.nl.ca
- 
- cc: Central Regional Lands (Grand Falls-Windsor)  
Mr. Dave A. N. Frampton, Land Management Specialist  
Crown Lands Administration Division  
Department of Fisheries, Farming, and Natural Resources  
3 Cromer Avenue, 4th Floor Provincial Building  
Grand Falls-Windsor, NL A2A 1W9  
DavidFrampton@gov.nl.ca
-

**Appendix C - Completion Report**

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

Date: **FEBRUARY 07, 2020**

File No: **550.01.02.09.025**

Permit No: **PRO10873-2020**

Permit Holder: **Ryan Waterman**



Attention: **Ryan Waterman**

Re: **Indian Bay - Indian Bay Brook PPWSA - Recreational Cottage - Ryan Waterman**

Permission was given for : recreational cottage in Indian Bay Brook Protected Water Supply Area (used by the Town of Indian Bay) with reference to the application dated January 21, 2020

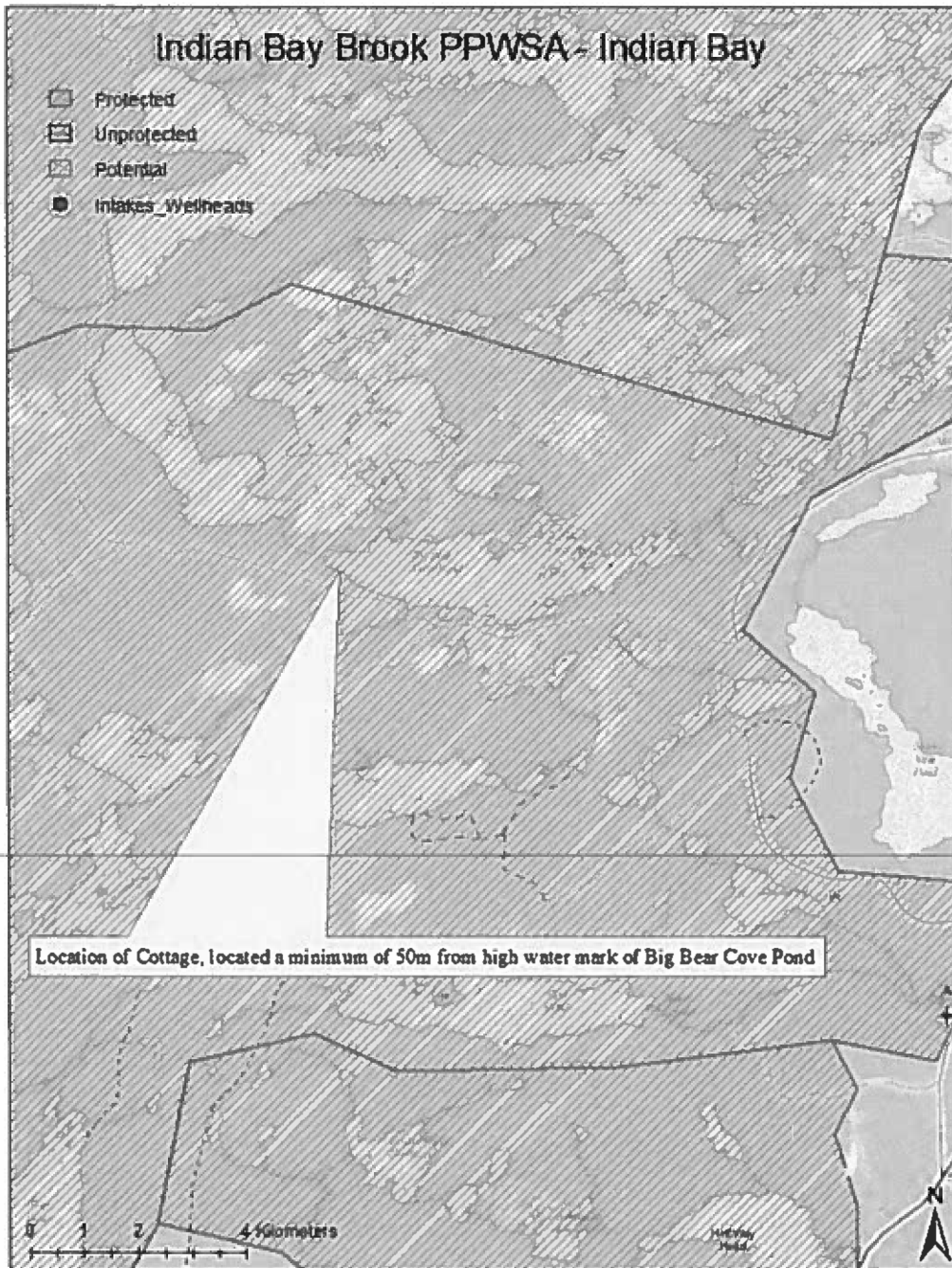
*I (the Permit Holder named above or agent authorized to represent the Permit Holder) do hereby certify that the project described above was completed in accordance with the plans and specifications submitted to the Department of Municipal Affairs and Environment and that the work was carried out in 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.

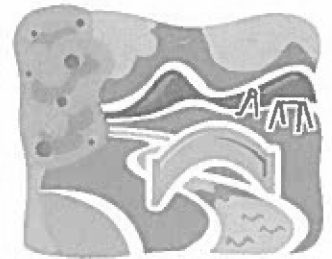
Department of Municipal Affairs and Environment  
Water Resources Management Division  
PO Box 8700  
St. John's NL A1B 4J6

APPENDIX D  
Location Map for Permit





# The Sanitary Pit Privy



## Introduction

The sanitary pit privy may be an effective method for the disposal of human body waste if it is properly located, constructed and maintained. While few residential homes in towns and cities use this method of sewage disposal, many cottages and parks still find use for the “outhouse”.

Because the improper disposal of human wastes is a serious health problem, the Department of Health and Community Services has developed standards governing pit privies. The purpose of this pamphlet is to explain these standards to those who use and construct pit privies.

## Site Suitability

Pit privies should not be placed in densely populated areas, boggy or marshy areas, or areas where soil is minimal and bedrock is largely exposed. Soil depth and type should be such that:

- the pit is at least 1 m x 1 m (3 ft x 3 ft) square and 1.5 m (5 ft) deep
- the bottom of the pit must be 1 m (3 ft) above the groundwater table, bedrock, or other impervious material

## Location

To guard against disease-causing microbes from the privy getting into a water supply or crossing to someone else’s land, the privy should be located with the following separation distances:

Item	Separation Distance
Buildings	7.5 m (25 ft)
Property Boundaries	4.5 m (15 ft)
Embankments	4.5 m (15 ft)
Drilled Wells	16 m (53 ft)
Dug Wells or Springs	30 m (98 ft)
Lakes, rivers, streams, etc.	30 m (98 ft)

## Construction

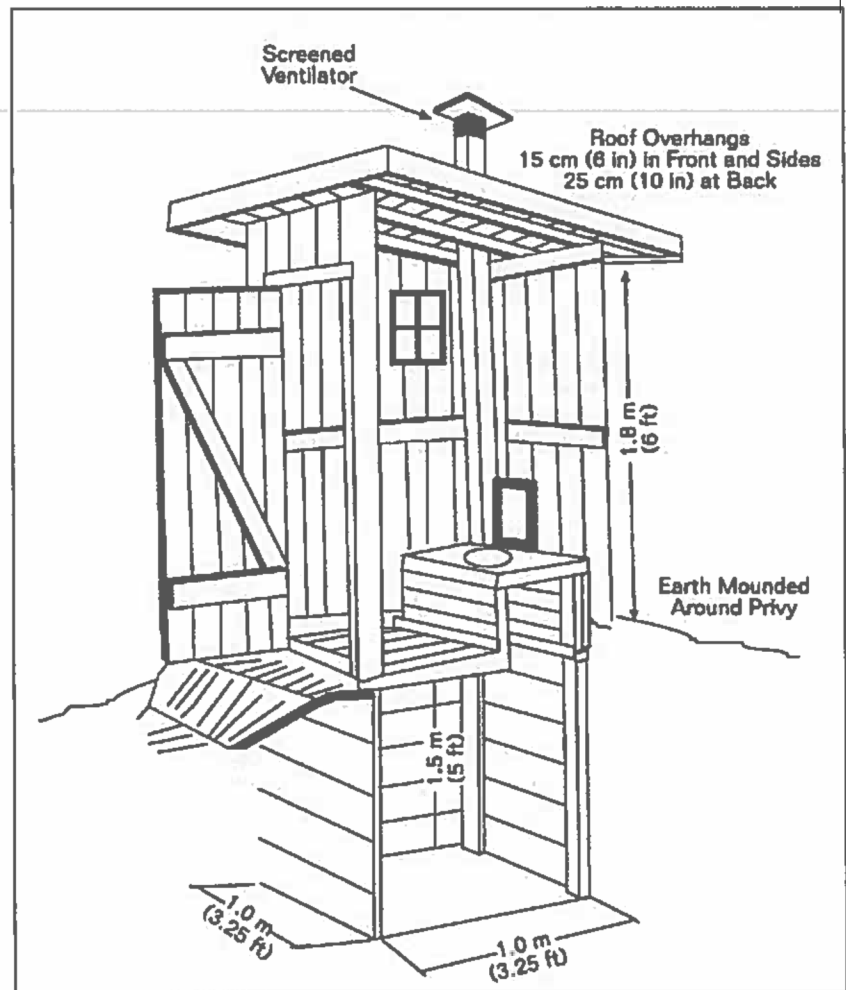
The illustration on the reverse side shows the construction of the pit privy.

- The structure should be made of strong durable weather-proof materials
- The floor should be solid and supported by a sill
- The privy should be equipped with one or more seats having close fitting covers supported by an enclosed bench
- The privy should be equipped with a self closing door and at least one screened window for ventilation
- The bench or riser and floor should be watertight and fly-proof so that flies and other pests do not have access to the pit contents
- A ventilation duct, screened at the top, should extend from the underside of the bench to a point above the roof
- Sides of the privy pit should be shored to prevent collapse
- The ground around all privies should be graded to keep surface water away from the pit

## Maintenance

Care and attention are required from time to time to keep the pit privy in good repair. When the pit contents reach within 45 cm (18 inches) of the ground surface, another pit should be dug and the privy moved over it. The old pit should then be limed and filled in with earth.

Keeping the privy clean and in good repair is just as important to health as the proper location and construction. Soap and water used regularly and attention to minor repairs when needed, will keep the privy in good sanitary condition. It is a matter of good health and good housekeeping to keep the privy clean and sanitary at all times.



## Where can I find out more?

If you have any questions about sewage treatment and disposal, please do not hesitate to contact the Government Service Centre or Regional Health Authority nearest you.



Department of Health and Community Services  
Department of Government Services  
Regional Health Authorities

Revised January 2009

# Wastewater Awareness