

## AMENDMENT TO PERMIT

---

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 49

Date: **NOVEMBER 02, 2023**

File No: **844.054.001**  
Permit No: **WS12675-2022**  
Amendment No: **1**

Permit Holder: **Local Service District of Newman's Cove  
General Delivery  
Bonavista Bay NL A0C 2A0  
cliffbaker@live.ca**

Attention: **Woodrow Power, Chairperson**

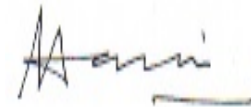
Re: **Newman's Cove - Water System Improvements**

---

### **The original Permit dated AUGUST 08, 2022 is amended as follows:**

to allow the replacement and installation of a sodium hypo chlorination chemical feed pump, chlorine storage tank, PRV and related appurtenances as detailed in the drawings CC22VC042-04.DWG as received from Meridian Engineering Inc. on November 26, 2023; 17-GI-22-00024.

**All other terms and conditions of the original Permit will apply and failure to comply with the terms and conditions of this amendment and the original Permit will render this Permit null and void, place the Permit Holder and their agent(s) in violation of the *Water Resources Act* and make the Permit Holder responsible for taking any remedial measures as may be prescribed by this Department.**



(for) MINISTER

## **Water Systems**

1. All components, lubricants and chemicals provided shall be compatible for use with drinking water and shall meet the requirements of ANSI/NSF 60 Drinking Water Treatment Chemical Standard and ANSI/NSF 61 Drinking Water and System Component Standard and any other standard applicable to potable water.

## **Chlorination**

2. A backflow prevention device, in this case a hose connection vacuum breaker, non removable, meeting or exceeding CSA 64.2, shall be attached to any hose bibb connection, to prevent the possibility of contaminants entering the potable water distribution system due to back-siphonage.
3. The upgrading of the existing chlorination facility must be carried out in such a way as there will be minimal interruption of the water supply and chlorination system. In this regard, water consumers and the Regional Office of the Department of Digital Government and Service NL shall be kept informed and appropriate action taken to address any potential or encountered problems.
4. The injector for the chlorination system shall be located as close as possible to the diffuser (preferably attached) in order to minimize the pressurized chlorine solution line. The chlorine injection lance shall be installed in the pipe so that the chlorine solution is being injected within the flow of water to ensure appropriate mixing.
5. A sample tap shall be provided so that water samples can be obtained from the raw water source and from an appropriate location after chlorination. Taps used shall be of the smooth-nosed type without interior or exterior threads and shall not have a screen, aerator or other such appurtenance.
6. An emergency shower and eye wash station that is in compliance with ANSI Z358.1-2014 and meets the requirements of the appropriate Safety Data Sheet (SDS) shall be installed in a convenient location(s) within each facility.
7. The sodium hypochlorite shall be stored in a dark cool area to minimize loss of strength of the solution. In this regard a storage cabinet should be provided and shall be located away from any direct heat and light sources.
8. Personal protective equipment such as goggles and rubber gloves suitable for handling sodium hypochlorite must be provided.
9. Portable equipment must be provided for measuring chlorine residuals. The equipment shall have digital display readout, enable measurement of chlorine residuals to the nearest 0.02 mg/L, and shall be of a type approved by this Department.

- cc: Local Service District of Newman's Cove  
Chairperson  
General Delivery  
Newman's Cove, NL A0C 2A0
- 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: Richard Harvey, Ph.D., P.Eng.  
Program - Lead - Drinking Water, Drinking Water & Wastewater Section  
Water Resources Management Division  
Department of Environment and Climate Change  
RHarvey@gov.nl.ca
- cc: Mr. Michael Duke (Clarenville - Eastern)  
Manager  
Digital Government and Service NL  
8 Myers Ave  
Clarenville, NL A5A 1T5  
michaelduke@gov.nl.ca
- cc: Mr. Inayat Rehman, P.Eng.  
Regional Engineer  
Department of Transportation and Infrastructure  
P.O. Box 8700  
St. John's, NL A1B 4J6  
inayatrehman@gov.nl.ca