

APPROVAL

**Province of Nova Scotia
Environment Act, S.N.S. 1994-95, c.1 s.1**

APPROVAL HOLDER: TOWN OF STEWIACKE

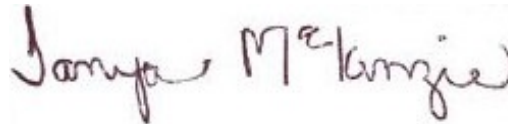
SITE PID: 20118626

APPROVAL NO: 2025-6361572-00

EXPIRY DATE: November 17, 2035

Pursuant to Part V of the Environment Act, S.N.S. 1994-95, c.1 s.1 as amended from time to time, approval is granted to the Approval Holder subject to the Terms and Conditions attached to and forming part of this Approval, for the following activity:

Water Approval - Water Withdrawal



Administrator: Tanya Mackenzie

Effective Date: November 17, 2025

The Minister's powers and responsibilities under the Act with respect to this Approval have been delegated to the Administrator named above. Therefore, any information or notifications required to be provided to the Minister under this Approval can be provided to the Administrator unless otherwise advised in writing.



218 MacSween Street, Suite 12
Port Hawkesbury, NS
Canada B9A 2J9

902-625-0791 T
www.novascotia.ca

Our File Number: 95100-30-TRU-2025-6361572

November 24, 2025

TOWN OF STEWIACKE
Marc Seguin
PO BOX 8, 295 GEORGE STREET
STEWIACKE, NS B0N2J0

Dear Marc Seguin

**RE: Approval for Operation - Water Withdrawal. Approval No. 2025-6361572-00
PID # 20118626**

Enclosed please find Approval 2025-6361572-00 for Operation of the Water Withdrawal at 378 St Andrews St. Stewiacke, Colchester County Nova Scotia.

Strict adherence to the attached terms and conditions is imperative in order to validate this approval.

Despite the issuance of this Approval, the Approval Holder is still responsible for obtaining any other authorization which may be required to carry out the activity, including those which may be necessary under provincial, federal or municipal law.

Should you have any questions, please contact Matthew Schumacher, Central Region, Truro Office at .

Yours truly,

A handwritten signature in cursive script that reads "Tanya MacKenzie".

Tanya MacKenzie
District Manager

TERMS AND CONDITIONS OF APPROVAL

Nova Scotia Department of Environment and Climate Change

Approval Holder: TOWN OF STEWIACKE

Project: Stewiacke - Groundwater Supply

Site:

PID	Civic #	Street Name	Street Type	Community	County
20118626	378	ST ANDREWS	ST.	STEWIACKE	COLCHESTER COUNTY

Approval No: 2025-6361572-00

File No: 95100-30-TRU-2025-6361572

Grid Reference: Easting - 472900.4974, Northing - 4996908.150

Reference Documents

- Application submitted August 28, 2025 and attachments.
- Town of Stewiacke Groundwater Withdrawal Approval, WSP Report, August 2025
- FINAL MEMO: Source Analysis – Proposed Groundwater Supply from PW21-01, Town of Stewiacke, NS, WSP Memo, February 14, 2025

1. Definitions

- Act means Environment Act, 1994-95, c.1, s.1, and includes, unless the context otherwise requires, the regulations made pursuant to the Act, as amended from time to time.
- Department means the Nova Scotia Department of Environment and Climate Change, and the contact for the Department for this approval is:
Nova Scotia Department of Environment and Climate Change
Central Region, Truro Office
36 Inglis Place
Truro, Nova Scotia B2N 4B4

Phone: (902) 893-5880
- Minister means the Minister of Environment and Climate Change and includes any person delegated the authority of the Minister.

- d. Site means a place where a designated activity and/or undertaking is occurring or may occur.

2. Scope

- a. This Approval (the "Approval") relates to the Approval Holder(s) and their application and all documentation submitted to the Department prior to the issuance of this approval for the Water Withdrawal situated at or near Stewiacke - Groundwater Supply.
- b. The Approval Holder(s) shall ensure the designated activity is carried out in accordance with this Approval and reference documents, including the application and supporting documentation.
- c. This approval authorizes only the activities outlined in the Scope section. All other watercourse alterations require additional Approvals or Notifications.

3. General

- a. Unless otherwise specified in this approval, the Approval Holder(s) shall conduct the Designated Activity in accordance with the following provisions:
 - i. The Act, as amended from time to time;
 - ii. Any standard adopted by the Department, as amended from time to time, which includes but is not limited to the following:

Guidelines for Canadian Drinking Water Quality
- b. Nothing in this Approval relieves the Approval Holder(s) of the responsibility for obtaining and paying for all licenses, permits, approvals or authorizations necessary for carrying out the work authorized to be performed by this Approval which may be required by municipal by-laws, provincial or federal legislation, or other organizations. The Minister does not warrant that such licenses, permits, approvals or other authorizations will be issued.
- c. No authority is granted by this Approval to enable the Approval Holder(s) to commence or continue the designated activity on lands which are not in the control or ownership of the Approval Holder(s). It is the responsibility of the Approval Holder(s) to ensure that such a contravention does not occur. The Approval Holder(s) shall provide, to the Department, proof of such control or ownership upon expiry of any relevant lease or agreement. Failure to retain said authorization may result in this Approval being cancelled or suspended.
- d. If there is a discrepancy between the reference documents and the terms and conditions of this Approval, the terms and conditions of this Approval shall apply.
- e. Any request for renewal or amendment of this Approval is to be made in writing, to the Department, at least ninety (90) days prior to the Approval expiry.
- f. The Approval Holder(s) shall advise the Department in writing prior to any proposed extensions or modifications to the Activity and/or the Site. An

amendment to this Approval may be required before implementing any extension or modification.

- g. The Approval Holder(s) shall immediately notify the Department of any incidents of non-compliance with this Approval.
- h. The Approval Holder(s) shall bear all expenses incurred in carrying out the environmental monitoring required under the terms and conditions of this Approval.
- i. Unless specified otherwise in this Approval, all samples required to be collected by this Approval shall be collected, preserved and analysed, by qualified personnel, in accordance with recognized industry standards and procedures that are all deemed acceptable to the Department.
- j. Unless written authorization is received otherwise from the Minister, all samples required by this Approval shall be analyzed by a laboratory that meets the requirements of the Department's "Policy on Acceptable Certification of Laboratories" as amended from time to time.
- k. Any well that is required to be decommissioned by the Minister or that is not being used or maintained for present or future use shall be decommissioned in accordance with the Well Construction Regulations.
- l. The Approval Holder(s) shall ensure that this Approval, or a copy, is present on Site while personnel are on Site.
- m. The Approval Holder(s) shall ensure that personnel directly involved in the designated activity are made fully aware of the terms and conditions of this Approval.
- n. Upon any changes to the Registry of Joint Stock Companies information, the Approval Holder(s) shall provide a copy to the Department within five (5) business days.

4. Covenant Conditions

- a. By granting this Approval, the Department is not responsible for any damages as a result of the approved activities, including any water quality or quantity problems that may be encountered by the Approval Holder(s) or other parties.
- b. By issuing this approval, the department is not providing any assurance(s) as to sufficient water quantity and/or quality to meet any requirements of the Approval Holder(s).

5. Fees

- a. The Approval Holder(s) shall, upon receipt of an invoice from the Department stating the amount owing in accordance with the Fees Regulations, as amended from time to time, pay to the Minister of Finance the amount stipulated.

6. Operation

- a. This Approval applies to the following production wells: PW21-01. Available location and construction details for the production wells are identified in the Well Construction Information Table found in this Approval.
- b. The Maximum Pumping Rate (litres/day), Average (30-day) Pumping Rate, 30-day Withdrawal Volume (litres) and Annual Withdrawal Volume shall adhere to the limits shown in the Approved Groundwater Withdrawal Table found in this Approval.
- c. If the water withdrawal authorized by this approval causes interference problems with any existing well supplies, the withdrawal rates shall be reduced and/or the problem rectified by the Approval Holder(s) in accordance with an action plan deemed acceptable to the Department.
- d. The Approval Holder shall submit a request to the Department, prior to implementation, for any proposed changes, including well deepening and well casing alterations. Such work may require an amendment to this Approval, depending upon the nature of the work and at the discretion of the Department.

7. Contingency Plan

- a. A copy of the Contingency Plan is to be maintained on Site at all times and is to be available for review immediately upon request by the Department.
- b. The Approval Holder(s) shall ensure that all employees are trained in accordance with the contingency plan and shall keep a record of training at the facility for a minimum period of five (5) years.
- c. The Approval Holder(s) shall ensure that all necessary materials and equipment are available at all times to respond to emergencies in accordance with the Facility's Contingency Plan.

8. Monitoring

- a. Well production flow meters shall be installed, maintained, and monitored separately for: PW21-01
- b. The Approval Holder(s) shall keep daily well production flow records for each well and the total for the wellfield. Data shall be tabulated within a spreadsheet and compared to approved limits shown in the Approved Groundwater Withdrawal Table found in this Approval.
- c. The Approval Holder(s) shall measure well water levels in production well(s): PW21-01 on at least a daily basis.
- d. Water level data shall be recorded as a geodetic elevation and tabulated in a spreadsheet.
- e. Water samples shall be collected and analyzed for general chemistry, total coliforms and E.coli from well PW21-01, on an annual basis. Data shall be tabulated in a spreadsheet.

9. Reporting

- a. The Approval Holder(s) shall provide an Annual Report summarizing the following information, as required by the terms and conditions of this Approval, for each calendar year:
 - i. a comparison of monitoring results to Approval limits and an evaluation of whether all results demonstrate compliance with Approval conditions. The evaluation of compliance shall also be presented in a statement at the beginning of the report;
 - ii. results shall be provided in graphical format along with historical trends. Any instances of non-compliance shall be clearly noted on the graph;
 - iii. any instances of non-compliance and mitigation measures taken.
 - iv. any complaints received and the steps taken to determine the cause of the complaint and the corrective measures taken to alleviate the cause and prevent its recurrence;
 - v. observations of effects of the activity on other surface and groundwater users and/or the environment;
 - vi. the following records for the term of the annual report for each production well and the total wellfield:
 - (a) daily pumping rate (litres/day)
 - (b) average (30-day) pumping rate
 - (c) 30-day withdrawal volume (litres)
 - (d) annual withdrawal volume
 - vii. current and historical water levels for PW21-01
 - viii. current and historical water quality for PW21-01
- b. The Annual Report shall be submitted to the Department on March 31 each year in a format acceptable to the Department.

10. Records

- a. The Approval Holder(s) shall collect and maintain the following monitoring records for the duration of the authorized activity:
 - i. observations of effects of the activity on other surface and groundwater users and/or the environment
 - ii. complaints received and the steps taken to determine the cause of the complaint, the corrective measures taken to alleviate the cause and prevent its recurrence

- iii. based on flow meter readings for PW21-01:
 - Daily pumping rate (L/day)
 - Average (30-day) pumping rate (L/day)
 - 30-day withdrawal volume (L)
 - Annual withdrawal volume (L)
- iv. current and historical water quality for: PW21-01
- v. current and historical water levels for: PW21-01
- b. The monitoring records shall be submitted to the Department upon request and in a format and timeframe acceptable to the Department.
- c. The Approval Holder(s) shall ensure that all records required by this Approval are maintained for a period of five (5) years and are to be made available to the Department upon request.

11. Site Specific Conditions

- a. The Approval Holder(s) shall complete a GUDI Step 2 assessment for production well PW21-01. The report of the GUDI Step 2 assessment shall be submitted and accepted by the Department no later than December 31, 2027.
- b. The Approval Holder(s) shall provide a Monitoring Plan to the Department for review and acceptance by September 30, 2026.
- c. The Approval Holder(s) shall provide a Contingency Plan to the Department for review and acceptance by September 30, 2026.

Approved Groundwater Withdrawal Limits Table				
Production Well Name	Maximum Pumping Rate (L/day)	Average Pumping Rate Over 30 Days (L/day)	30 Day Withdrawal Volume (L)	Annual Withdrawal Volume (L)
PW21-01	2,170,000	1,450,000	43,500,000	529,250,000

Well Construction Information Table			
Production Well Name	NSE Well Log Number	Parameter	Value
PW21-01	N/A	UTM (Easting)	472990
		UTM (Northing)	4996908
		UTM (Zone)	20
		Well Total Depth (m)	50.6
		Casing Depth(m)	50.6
		Diameter (mm)	250
		Screen Description	Perforated interval from 28.9-50.3 mbgs