

**DOCUMENT "A"**

**MINISTER'S DETERMINATION  
CONDITIONS OF APPROVAL**

Pursuant to Regulation 87-83 under the *Clean Environment Act*  
October 29, 2021  
File Number: 4561-3-1548

---

1. In accordance with section 6(6) of the Regulation, it has been determined that the undertaking may proceed following approval under all other applicable acts and regulations.
2. Commencement of this undertaking must occur within three years of the date of this Determination. Should commencement not be possible within this time period the undertaking must be registered under the *Environmental Impact Assessment Regulation (87-83) – Clean Environment Act* again, unless otherwise stated by the Minister of Environment and Climate Change.
3. The proponent shall adhere to all obligations, commitments, monitoring and mitigation measures presented in the document entitled, "EIA Registration – McAdam Wellfield Expansion Project Village of McAdam" dated August 2020, as well as all those identified in subsequent correspondence during the registration review for the project on the following property identification number (PID) 75096693. Additionally, the proponent shall submit a summary table detailing the status of each condition listed in this Determination to the Director of the Environmental Impact Assessment (EIA) Branch of the Department of Environment and Local Government (DELG) every 6 months from the date of this Determination until such a time that all the Conditions have been met.
4. The maximum allowable pumping rate for Well PW14 is 100 imperial gallons per minute (igpm) or 655 cubic meters per day (m<sup>3</sup>/day).
5. A flowmeter must be installed on production Well PW14 and the water usage data recorded daily. The flowmeter data must be submitted to DELG annually in the manner prescribed in the *Approval to Operate* for the water system.
6. The water level in PW14 must be monitored and the level recorded at the frequency prescribed by the *Approval to Operate*. The water level data must be submitted to DELG annually in the manner prescribed in the *Approval to Operate* for the water system.
7. During pump operation, the drawdown in Well PW14 must be limited to a depth of 48 m below the top of casing. This requirement may be altered in the future depending on the results of long-term monitoring of the wellfield. The change would require approval by the Director of the EIA Branch.
8. If at any time the proponent wants to a) increase the approved maximum allowable pumping rate of Well PW14 and/or b) requires a new water supply well, then DELG must be contacted as further hydrogeological testing and other information may be required.

9. The proponent shall ensure that when Well PW14 becomes operational, the Well is sampled monthly for manganese for a duration of one year. The water quality data must be submitted for review by the Approvals Engineer of DELG's Authorizations Branch, who can be contacted at (506) 453-7945.
10. The proponent shall provide GPS coordinates for PW14 and all test holes drilled as part of the *Water Supply Source Assessment (WSSA)*, including TH21-01, TH21-02, TH21-03, TH21-04, and TH21-05. In addition, the proponent will provide ground and top of casing elevations for all the production wells (PW10, PW11, PW12, PW13, and PW14). The proponent shall submit the information to the Approvals Engineer of DELG's Authorizations Branch on or before December 31, 2021.
11. In the event of a complaint by a neighbouring water user that the operation of the water supply well has negatively impacted the quality or quantity of their private water supply, the proponent must investigate the complaint and notify DELG according to the manner stipulated in the *Approval to Operate*. If it is determined that the proponent is responsible for any negative impacts, the proponent will be required to provide a temporary water supply for short-term impacts, or to repair, remediate, or replace any permanently impacted well(s), which might include, but is not limited to, deepening a well or drilling a new well.
12. Within 3 months of the date of this Determination, the proponent must submit to DELG a decommissioning plan, with timelines, for any test/monitoring wells (TH21-01, TH21-03, and TH21-05) that will not be used for production or monitoring purposes. All wells must be decommissioned as per DELG's *Guidelines for the Decommissioning (Abandonment) of Water Wells and Boreholes (V2.1 dated May 2021)*.
13. The Health Protection Branch of the Department of Health must be notified at (506) 453-2830 prior to the use of Well PW14 as a potable water supply.
14. The proponent must apply for and obtain an *Approval to Construct* from DELG's Authorizations Branch prior to connecting Well PW14 to the water distribution system. For more information, please contact the Approvals Engineer, Authorizations Branch, DELG, at (506) 453-7945.
15. Prior to using water from Well PW14, the well must be disinfected according to the latest version of "*AWWA C654, Disinfection of Wells*", and a full water quality sample must be collected for general chemistry, trace metals, and microbiology. The water quality data must be submitted for review and must receive approval from the Approvals Engineer of DELG's Authorizations Branch, who can be contacted at (506) 453-7945.
16. Water quality from Well PW14 must meet the New Brunswick *Drinking Water Guidelines* before reaching the first user in the water distribution system.
17. Prior to bringing Well PW14 online, the proponent must request that the well be added to the *Approval to Operate* for the Village of McAdam's drinking water system and Well PW14 must be added to the Sampling Plan. The raw water from Well PW14 shall be sampled for the same parameters and at the same sampling frequency as the existing production wells. For more information, please contact the Approvals Engineer, Authorizations Branch, DELG, at (506) 453-7945.

18. The proponent must undertake a wellfield protection study within 3 months of the date of commissioning the new well, as per the terms of reference established by DELG.
19. Prior to connecting Well PW14 to the distribution system, the Village of McAdam must adopt a Resolution of Council to initiate the *Wellfield Protection Program/Wellfield Protected Area Designation Order (WfPADO)* process under the *Clean Water Act*. In addition, any wells that are currently designated that will be decommissioned must be included in the Resolution of Council.
20. Appropriate spill response equipment must be maintained in a readily accessible location during construction and operation. All spills and releases must be promptly contained, cleaned up and the DELG Fredericton Regional Office should be contacted at (506) 444-5149 during regular business hours while the 24-Hour Environmental Emergencies Report System should be contacted outside of regular business hours (1-800-565-1633). Any spill that could impact human health through soil, air or water must be reported to the Health Protection Branch of the Department of Health at (506) 453-2830.
21. If it is suspected that remains of archaeological significance are found during construction, operation or maintenance of the proposed development, as per the *Heritage Conservation Act*, all activity shall be stopped within 30 meters of the find and the Manager of the Archaeological Regulatory Unit, Department of Tourism, Heritage and Culture shall be contacted for direction at (506) 453-2738.
22. The proponent shall ensure that if a nest or chick of a migratory bird is detected, work in the area shall be halted and the Canadian Wildlife Service of Environment and Climate Change Canada shall be consulted for advice by contacting their main office in Sackville, New Brunswick at (506) 364-5044. The proponent shall ensure that activities are conducted in a manner that would be in compliance with the *Migratory Birds Convention Act*.
23. A *Watercourse and Wetland Alteration (WAWA) Permit* must be obtained prior to conducting any alterations in or within 30 metres of a watercourse or wetland which meets DELG's definitions.
24. All loss of wetland area and/or function requires Wetland Compensation at a 2:1 ratio. A condition of the WAWA application will require that a Wetland Compensation Plan shall be submitted for all wetland areas and/or functions permanently impacted by this project.
25. In the event of the sale, lease, or any other conveyance or change of control of the property (PID 75096693), or any portion thereof, the proponent must provide written acknowledgement from the lessee, controller, or purchaser confirming that they will comply with the Conditions of this Determination to the Director of the EIA Branch, DELG.
26. The proponent shall ensure that any proposed project modifications or future expansions are submitted for review and approval to the Director of the EIA Branch, DELG, prior to implementing the changes.
27. The proponent shall ensure that all developers, contractors and operators associated with the development project comply with the above requirements.