

# **DOCUMENT "A"**

## **MINISTER'S DETERMINATION CONDITIONS OF APPROVAL**

Pursuant to Regulation 87-83 under the Clean Environment Act

May 8, 2012

File Number: 4561-3-1181

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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 Local Government.
3. The proponent shall adhere to all obligations, commitments, monitoring and mitigation measures presented in the EIA registration document dated October 20, 2008, as well as all those identified in subsequent correspondence during the registration review. Additionally, the proponent shall submit a summary table detailing the status of each Condition listed in this Determination to the Manager of the Environmental Assessment Section of the Department of Environment and Local Government (DELG) every 6 months from the date of this Determination until such a time as all the Conditions have been met.
4. If it is suspected that remains of archaeological significance are found during construction, as per the Heritage Conservation Act, all activity shall be stopped near the find and the Resource Manager of the Archaeological Services Unit shall be contacted at (506) 453-3014.
5. A Watercourse and Wetland Alteration Permit must be obtained prior to the start of any activity within 30 m of a watercourse and/or a wetland. For more information, please contact the Manager of the Surface Water Protection Section, DELG, at (506) 457-4580.
6. The maximum pumping rate for well P-06-1 is 333 igpm (400 USgpm). The maximum pumping rate for well P-08-1 is 500 igpm (600 USgpm). The maximum pumping rate for well P-11-1 is 291 igpm (350 USgpm). All three wells must be equipped with an individual flowmeter to ensure that the maximum pumping rate and the maximum daily extraction of water are not exceeded.
7. The water levels in wells P-06-1, P-08-1, and P-11-1 must be monitored and recorded on a daily basis (for a minimum of five days/week). The water level and flowmeter data must be included with the annual report that is submitted to DELG's Water and Wastewater Management Section.
8. In order to evaluate the effect of increased pumping on the hydraulic connection between the aquifer and surface water, a water quality monitoring program must be undertaken with monthly sampling from all regularly used production wells in the Caron Brook wellfield (P-06-1, P-08-1, and P-11-1) for the period of at least one year (12 consecutive months) following the commissioning of wells P-08-1 and P-11-1. The water quality parameters to be monitored monthly include: turbidity, conductivity, pH, total coliform, E.Coli, nitrates, total organic carbon, and total dissolved solids. Please note that this monitoring program is in addition to the

monitoring required under the *Clean Water Act* sampling plan and samples must be collected directly from the well prior to any treatments or disinfection. At the end of the first year of monitoring, the proponent must submit a report prepared by a qualified hydrogeologist to the Manager of DELG's Environmental Assessment Section. The report must evaluate the flowmeter, water level, and water chemistry data, and it must also include an evaluation of the potential influence of surface water on the groundwater quality.

9. Well CL-6 must be fitted with a locked vermin-proof cap. This well must be maintained as an observation/monitoring well until otherwise indicated by DELG.
10. If the quantity or the quality of the water of a neighbouring private well is negatively affected in a permanent or temporary way by the operation of the municipal wells, it will be the proponent's responsibility to remediate the situation to the satisfaction of all parties.
11. The Village of Clair must adopt a Resolution of Council to initiate the wellfield designation process under the *Clean Water Act* prior to connecting the water source to the distribution system. Also, the Village of Clair will have to undertake a wellfield protection study within one year of the date of commissioning of the wells, as per terms of reference that will be established by DELG. The study and the designation will have to include all municipal wells.
12. Any storage of petroleum products for a backup generator at the well site will require an exemption to the *Wellfield Protected Area Designation Order – Clean Water Act*, as only 25 L of petroleum storage is permitted within Zone A of the wellfield. The as-built drawings of any tanks to be installed and the respective secondary containment measures must be submitted to DELG's Drinking Water Source Protection Section.
13. If the Village of Clair wants to increase the maximum pumping rate for any of the wells, the project must be registered beforehand with DELG for a new environmental impact assessment review.
14. The methods outlined in the environmental protection plan (dated January 2012) must be adhered to during the construction of this project.
15. The proponent must ensure that all developers, contractors, and operators associated with the construction and operation of the project comply with the above requirements.