

DOCUMENT "A"

**MINISTER'S DETERMINATION
CONDITIONS OF APPROVAL**

Pursuant to Regulation 87-83 under the Clean Environment Act

February 24, 2015

File Number: 4561-3-1391

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 must adhere to all obligations, commitments, monitoring and mitigation measures presented in the EIA Registration Document (dated June, 2014), as well as all those identified in subsequent correspondence during the Technical Review Committee (TRC) review.
4. The maximum allowable pumping rate for well PW1 is 65 m³/day (10 igpm or 12 usgpm). It is recommended that the well not be pumped 24 hours/day. A water storage system must therefore be installed in order to handle peak demand.
5. A low water level shut-off must be installed in well PW1 and set at 0.3 m above mean sea level, approximately 7.7 m below ground surface (assuming a ground elevation of 8.0 m at PW1).
6. Currently, only well PW1 is approved for use as a water supply well. If at any time the Proponent wishes to use well OW1 for anything other than monitoring, the Proponent must first contact the Manager of the Environmental Assessment (EA) Section, Department of Environment & Local Government (DELG) at (506) 444-5382 prior to implementing any change in use as additional hydrogeological and water quality testing may be required.
7. In the event that the water quantity or quality of a neighboring residential well is impacted by the operation of this water supply (as raised by the resident(s)), it will be the Proponent's responsibility to investigate and potentially rectify the situation in the short term (i.e. supply bottled water, etc.) or in the long term as necessary (i.e. deepening or drilling a new well, etc.).
8. Before well PW1 is brought on-line, it must be shock chlorinated and analyzed to ensure it meets *New Brunswick's Drinking Water Guidelines*. Post chlorination analysis shall include

general chemistry (equivalent to the NB Analytical Services Laboratory *I package), and microbiology (Total Coliforms and E. Coli). For more information on how to chlorinate your well, please visit the following web link:

<http://www2.gnb.ca/content/dam/gnb/Departments/env/pdf/Water-Eau/HowToChlorinateYourWellWater.pdf>.

9. The Proponent shall complete (in total), three groundwater sampling events on well PW1 in the first year of operation: one post-chlorination event sampling for general chemistry and microbiology (as per Condition #8). The second event also consisting of general chemistry and microbiology while the third event would consist only of microbiology analysis. If there are no exceedances or water quality issues identified following the first year of sampling, the Proponent will be permitted to reduce the frequency of sampling for general chemistry to once every 5 years and must continue sampling three times per year (April, August and December) for microbiology parameters.
10. All required water quality analysis shall be completed at a laboratory that is accredited with one of the following accreditation bodies: The Canadian Association of Laboratory Accreditation Inc. (CALA) and/or the Standards Council of Canada (SCC). In addition, the laboratory performing the analysis must be accredited (and in good standing) for each required test parameter.
11. All sampling results shall be submitted (as they become available) to the Regional Public Health Inspector, Department of Health by fax (506) 778-6756 or mail (1780 Water Street Miramichi, NB, E1N 1B6) AND to the Manager of the EA Section, DELG by fax (506) 453-2627 or mail (20 McGloin Street Fredericton, New Brunswick E3A 5T8). Please note that depending on the results of the water sampling program, additional mitigation may be required. This may include but is not limited to water treatment and/or changes in sampling frequency.
12. The site must be graded in order to direct surface water away from well PW1 and well OW1. Both wells must be kept capped and locked. In addition, given their location at the edge of a potential future parking lot, the wells must be clearly marked and visible, and protected from vehicles, snow plowing, etc.
13. The Proponent shall submit a summary table detailing the status of each Condition listed in this Determination to the Manager, EA Section, DELG every 6 months from the date of this Determination until such a time as all the Conditions have been met or, until it is deemed by the Manager of the EA Section to be no longer necessary.
14. In the event of the sale, lease, or any other conveyance or change of control of the Project, 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 Manager, EA Section, DELG.
15. The Proponent shall ensure that all developers, contractors and operators associated with the construction and operation of the project comply with the above requirements.