



Environment,
Energy and Forestry

Environnement,
Énergie et Forêts



Environment Division
PO Box 2000, Charlottetown
Prince Edward Island
Canada C1A 7N8

Permit NO: 2007-05
**PRINCE EDWARD ISLAND
GROUNDWATER EXTRACTION PERMIT**

Division de l'environnement
C.P. 2000, Charlottetown
Île-du-Prince-Édouard
Canada C1A 7N8

In accordance with the authority provided by Section 7, *Environmental Protection Act*, WATER WELL REGULATIONS, permission is granted to:

Name: Charlottetown Water and Sewer Utility
Address: P.O. Box 98, 199 Queen Street, Charlottetown, Prince Edward Island
Postal Code: C1A 7K2

to engage in the extraction of groundwater for the purposes of central water supply servicing from the Coles Creek Well field (PID#283309), at average daily pumping rate not to exceed 1050 imperial gallons per minute.

In addition, as no formal Groundwater Extraction Permit was previously issued for well fields located in the Winter River watershed, also owned and operated by the Charlottetown Water and Sewer Utility, this same permit grants permission to withdraw groundwater rates not to exceed the following average daily pumping rates from:

the Brackley Well field (PID# 133769)	1000 imperial gallons per minute, → 2,389,420 ⁷ m ³ /year
the Union Well field (PID#192583)	1250 imperial gallons per minute, and → 2,986,782 m ³ /yr
the Suffolk Well field (PID#449611 & 572776)	800 imperial gallons per minute → 1,911,541 m ³ /yr

This permit is, by order of the Minister, effective on October 19, 2010, subject to the full implementation of and compliance with the following terms and conditions: Total: 7,287,749 m³/yr

1. A program for continuous monitoring of stream flow and groundwater levels in the Coles Creek watershed be developed and submitted to this Department prior to commissioning of the well field.
2. That the Charlottetown Water and Sewer utility develop and implement a water conservation plan within a five-year period.
3. That the Charlottetown Water and Sewer utility develop and implement a leak detection program within a five-year period.
4. That within a five year period, the Charlottetown Water and Sewer utility develop a water management plan for the well fields in the Winter River Basin, that will result in a more favorable balance between groundwater extraction rates and the areal extent of the relevant catchment areas for each well field, with the overall aim of reducing the impact of groundwater withdrawals on the stream flow regime of the Winter River.
5. The issuance of this Groundwater Extraction Permit does not relieve The Charlottetown Water and Sewer Utility from any other obligations under Provincial Acts or Regulations.

Date issued: October 19, 2010

Signed:

George Somers
Manager, Drinking Water Protection Section