

Section: Public Works	Policy Number: 4.5
Policy: Bulk Water Taking	Effective Date: 06/06/2017
Date Last Reivsed:	Current Revision Date:

Purpose

The Town owns and operates ground water sourced drinking water systems in Clifford, Harriston, Palmerston and Minto Pines. This policy outlines conditions by which bulk water might be taken at a Minto water system.

Description of Systems

- a) The Clifford System (Class II) serves about 800 persons and consists of three drilled wells, two wellhouses, an elevated 1275 m³ storage tank and a distribution network of watermains ranging in diameter from 100 mm to 150 mm. The system is used for fire protection with about 46 fire hydrants in the distribution system. There are 344 active water meters in Clifford. Peak water consumption was 168,662 m³ in 2012, and lowest consumption was in 2015 of 82,547 m³, a 51% reduction. Average consumption is 114,705 m³ per year since 2009.



2009.

- b) The Harriston System (Class II) serves about 2,108 permanent residents and 800 households. It contains three drilled bedrock wells, three wellhouses, an elevated 1915 m³ storage tank and a distribution network of 100 mm to 250 mm mains. About 77 fire hydrants are available for fire protection. There are 830 active water meters. Peak water consumption was 388,458 m³ in 2009, and the lowest consumption in 2016 was 287,099 m³, a 26% reduction. Average consumption is 354,861 m³ per year since

- c) The Palmerston System (Class II) serves around 2,579 permanent residents and 910 households from four drilled bedrock wells, two wellhouses, an elevated 2500 m³ steel storage tank and a distribution network of 100 mm to 250 mm diameter mains. 102 fire hydrants are available for fire protection. There are 1040 active meters. Peak water consumption in 2012 was 346,739 m³ and lowest use in 2016 was 304,288 m³, a 12% reduction. Average consumption is 322,045 m³ annually since 2009



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d) Minto Pines System (Limited Groundwater) serves a 36 lot residential subdivision with 98 permanent residents. One wellhouse contains 200 mm diameter production bedrock well equipped with submersible pump discharging to a 50 mm diameter steel pipe connected to a magnetic flow meter. The well pump is controlled by pressure switch on the header pipe. Peak water consumed was 9,560 m³ in 2012, and lowest use in 2016 was 6,623 m³, a 31% reduction. Average consumption is 7,630 m³ per year since 2009.

Since water meters were installed Minto experienced an overall 25% reduction of water use, or over 232,800 m³ less water used despite considerable growth in all three urban areas

Strategic Plan

11.1 Implement financial plans to ensure water distribution and treatment, and sewage collection and treatment systems are operated effectively and efficiently, costs are allocated fairly based on residential and non-residential metered rates, and operations, maintenance and future capital replacement is planned for and financed.

11.2 Continue to operate water treatment and distribution with the highest standards of public safety in mind and according to Provincial requirements using highly trained Town staff, and maintain cross training and enhanced duties to assume responsibility for sewage collection and treatment facilities from Centre Wellington. Maintain both water and sewer facilities using qualified Town staff so long as it is cost effective and efficient to do so.

Possible Bulk Water Use

The Town at its sole discretion and subject to the limits in this policy may allow taking of bulk water to support events of benefit to residents of Minto where safe and reliable water supply must be assured, services to builders/contractors for new and existing construction, commissioning new water mains, utility locate services, filling pools and other such purposes deemed acceptable by the Overall Responsible Operator.

Limits to Bulk Water Use

The maximum amount of bulk water the Town may allow to be taken is 0.725% of total water consumed in the year previous (for example total consumption 2016 was 696,555 m³ of water so maximum bulk water taking in 2017 is 5050 m³).

Town will not permit taking of bulk water during any period in which there are water restrictions of any kind on any regular customers of the Town water system.

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No connections for bulk water may be made without proper backflow prevention or other such controls to the satisfaction of the Overall Responsible Operator.

A bulk water user shall make a written request to the Overall Responsible Operator for permission to connect for the purposes of taking bulk water indicating the amount of water to be taken, the method of connection, the intended use for the bulk water, and appropriate insurance. All such bulk water requests shall be accompanied by payment in full including staff supervision and inspection fee, per cubic metre charge, and applicable taxes.

Bulk water may only be taken with the express written consent of the Overall Responsible Operator of the Town subject to the limits of this policy, who shall report annually to Council on the amount of bulk water taken, reasons for its taking, benefitting company, and revenue received at each system.

The Town is not obligated to make available access to any water system to allow taking of bulk water and may interrupt or prohibit access at any time at its sole discretion and option.

The Town, its employees and/or its agents are not responsible for any and all liabilities, damages, costs, claims, suits, or actions caused by or resulting from the operation, maintenance, repairs, services, or systems and/or any related fixtures and appurtenances affixed to any Minto Water System, other than those resulting from the negligence or wilful act of the Town, its employees, agents and those for whom the Town is responsible in law.



Town of Minto
 5941 Highway 89
 Harriston, ON NOG 1Z0
 Ph 519-338-2511
 Fax 519-338-2005

SECTION A - ACCOUNT INFORMATION

Customer Number: FOR OFFICE USE ONLY		Access Number : FOR OFFICE USE ONLY	
		*PIN (4 digits):	
*Application Date:			

SECTION B - CUSTOMER INFORMATION

*Name of Account:			
Person to contact concerning this application:	*Name:		
	Email:		
	Preferred delivery by:	<input type="checkbox"/> Email	<input type="checkbox"/> Mail
	*Telephone Office:		
		Home:	
		Cell:	
	Fax:		
*Address:			
*City/Town		*Postal Code:	

Fields that have an asterisk (*) must be provided.

SECTION C - ACCOUNT TERMS

All customers are required to prepay for bulk water.

By signing this document you:

- Declare that the information provided is correct
- Are responsible for any contamination or pollution of the potable water system as a direct result of your use of the bulk water sales outlet
- Agree to pay the rates set forth in the current applicable Utility Bylaw(s)
- Agree that the Town of Minto shall have the right to terminate use for the following reasons:
 - (a) Improper use of facility
 - (b) For any other reason the Town of Minto staff considers sufficient

*Print Name:	
*Signature:	

SECTION D - PAYMENT

*Payment Method:		* Initial Payment Amount:	
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FOR OFFICE USE ONLY:

Date Accepted: _____ Accepted _____
 by: _____ (Signature/Staff Accepting Application)