

Domestic Wastewater Disposal at Municipal Wastewater Lagoons Policy

4B.011

Section: 4.0 Infrastructure Services
- B. Utilities

Authority: General Manager of Infrastructure Services

Statement

The Municipal District of Bonnyville (hereinafter referred to as the “Municipality”) wishes to have in place a strategy that ensures domestic wastewater is disposed of in an environmentally compliant manner at a cost recovery rate which will be evaluated annually.

Purpose

To permit all contractors/agents to dispose of domestic wastewater into the municipality’s wastewater lagoon in accordance with the Alberta Regulation 119/93 Environmental Protection and Enhancement Act “Wastewater and Storm Drainage Regulation” without foregoing the municipality’s Water and Sewer Bylaw.

Definitions

For the purposes of this policy:

- (1) “Domestic wastewater” means the wastewater that is the composite of liquid and water-carried wastes associated with the use of water for drinking, cooking, cleaning, washing, hygiene, sanitation or domestic purposes, together with any infiltration and inflow wastewater that is released into a wastewater collection system.
- (2) “Wastewater lagoon” means a wastewater treatment plant that consists of one or more designated and constructed surface impoundments used for biological and physical treatment of domestic wastewater but does not include a plant that uses mechanical aeration.
- (3) “Domestic Wastewater Discharge Permit” means a form developed/approved and controlled by the municipality and filled out by the contractor/agent in order to gain the necessary approval to enter the municipal owned wastewater lagoon (see attached form).

Procedure

- (1) The contractor/agent shall contact the Infrastructure Services Department to arrange for entry into the municipality’s wastewater lagoon site for the sole purpose of disposing of domestic wastewater via gaining an approved Domestic Wastewater Discharge Permit.
- (2) Once the contractor/agent has received written permission from the Infrastructure Services Department to dispose of domestic wastewater, they are informed that their initial load and any subsequent loads may be visually inspected by taking a sample of the load and logged in order to maintain accurate records to determine domestic

wastewater volumes to comply with our Alberta Wastewater Operating License and to aid in determining discharge user fees.

- (3) Upon entering the municipal wastewater lagoon, the contractor/agent must dispose of the domestic wastewater into the wastewater lagoon system at the designated/marked location.
- (4) Upon request, contractors/agents hauling the domestic wastewater must obtain written verification from an accredited/certified testing laboratory that there are no hydrocarbons or other undesirables such as toxic pesticides, nutrients and heavy metals in the domestic wastewater disposed of.
- (5) The contractor/agent will be charged a fee as set out in *Attachment A* from the municipality's Water and Sewer Bylaw. The fee will be invoiced by the M.D. Corporate Services Department on a monthly basis.

Policy Review

Within five (5) years from date adopted / amended / reviewed.

For administrative use only:

Previous Policy Number: (prior to July 24, 2019)	40.42.01
Related Documentation: (plans, bylaws, policies, procedures, etc.)	Attachment A: M.D. Bylaw No 1570 Wastewater and Sewer Deposits, Charges, Rates and Fees Attachment B: M.D. Residential Sewage Effluent Disposal Domestic Waste Water Discharge Permit



Domestic Wastewater Disposal at Municipal Wastewater Lagoons Policy: ATTACHMENT A

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Municipal District of Bonnyville Bylaw No. 1570 Schedule 'A' Water and Sewer Deposits, Charges, Rates and Fees

SCHEDULE 'A'

Water and Sewer Deposits, Charges, Rates and Fees

Sewer Service Fee	- Nil	If the parcel is, or has been subject to a local improvement tax for the sewer system, or if an off-site levy has been paid toward the sewer system.
	- \$2,000.00	If the parcel is not, and has not been, subject to a local improvement tax for the sewer system, or if an off-site levy has not been paid toward the sewer system.

NOTE: In addition to the service fee the owner is responsible for the cost of installing a sewer service line to the parcel if:

- one currently does not exist, or
- the existing sewer service line is inadequate or does not meet the required specifications.

Sewer Service Line Inspection Deposit - \$100.00

Water Service Fee	- Nil	If the parcel is, or has been, subject to a local improvement tax for the water system, or if an off-site levy has been paid toward the water system.
	- \$3,622.76	If the parcel is not, and has not been, subject to a local improvement tax for the water system, or if an off-site levy has not been paid toward the water system.

NOTE: In addition to the service fee the owner is responsible for the cost of installing a water service line to the parcel if:

- one currently does not exist, or
- the existing water service line is inadequate or does not meet the required specifications.

Water Meter Test Deposit \$20.00

Water Meter, Remote Reading Device Minimum Repair Charge \$40.00

Water Reconnection Fee \$25.00

Water Service Deposit

- owner of premises \$200.00
- non-owner of premises \$200.00

Bulk Water Deposit \$200.00 (effective April 1, 2016)

NOTE: An owner's deposit may be waived by the Municipal Manager or Municipal Administrator if the applicant provides a satisfactory letter of reference from a utility company that the applicant currently has, or recently has had, an account with.

Water Service Deposit Interest - 5%

Ardmore/Fort Kent Water and Sewer System
Therien Sewer System

Water & Sewer Rates

Premises serviced with water and sewer (based on water usage):

Up to 20m ³ of water	\$84.00 minimum bi-monthly charge
Thereafter	\$ 3.70 per cubic meter ($\$3.70 = \text{Water} @ \$2.77/\text{m}^3 + \text{Sewer} @ \$0.93/\text{m}^3$)
Flat Water Rate	\$ 5.00 per month/account holder

Premises serviced with water only:

Up to 20m ³ of water	\$65.40 minimum bi-monthly charge
Thereafter	\$ 2.77 per cubic meter
Flat Water Rate	\$ 5.00 per month/account holder

Premises serviced with sewer only: \$35.00 bi-monthly

Bulk Water Rate	\$ 5.00 per cubic meter
Bulk Raw Water	\$ 2.50 per cubic meter
Flat Water Rate	\$ 5.00 per month/account holder

Ardmore/Fort Kent/Therien Bulk Sewer Dump Rates
(Effective April 1, 2016)

Bulk Sewer Dump Rate	\$ 5.00 per cubic meter
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Moose Lake Water and Sewer System
(Supplied by the Town of Bonnyville)

Premises services with water and sewer (based on water usages):

Water:

The rate shall be the Town rate plus 17.5%

Sewer:

The rate shall be the Town rate based on 80% of the water usage plus 7.3%

The Town rate is the rate charged to the municipality for supply of water and sewer.

The Town of Bonnyville rate for 2015 is:

Water	\$4.29 per cubic meter
Sewer	\$3.41 per cubic meter



Domestic Wastewater Disposal at Municipal Wastewater Lagoons Policy: ATTACHMENT B

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Municipal District of Bonnyville Residential Sewage Effluent Disposal Domestic Waste Water Discharge Permit

**Municipal District of Bonnyville #87
Residential Sewage Effluent Disposal**

Domestic Waste Water Discharge Permit

1. Applicant/Company Name: _____

Address: _____

Phone: _____ Emergency Phone: _____

2. REGULATIONS FOR DISCHARGING DOMESTIC WASTE WATER INTO THE MUNICIPAL DISTRICT OF BONNYVILLE'S LAGOONS:

- A) The Domestic waste water that is to be dumped will only be from residents of the Municipal District of Bonnyville #87.
- B) Commercial businesses in the Municipal District will be allowed to dump up to 15 cubic meters of septic per month.
- C) The Domestic waste water that is to be discharged into the lagoons shall not contain any traces of petroleum products, sand or hydro-carbons.
- D) A Domestic waste water dumping log sheet must be submitted to the municipal office at the end of each month and must show the location of where the Domestic waste water was hauled from, as well as the date and time, total Domestic waste water discharged per day and which lagoon the effluent was discharged in to.
- E) The amount of Domestic waste water discharged into each lagoon shall be limited to a maximum of 20 cubic meters per day per company.
- F) Any Domestic waste water that is spilled on or outside of the berm of the lagoon shall be reported to the Municipal District of Bonnyville at once and after inspection by the Municipality, the applicant must clean up the spillage at their own expense.
- G) The Municipal District of Bonnyville has the authority to close the lagoons to permit holders at any time and must notify the permit holders as soon as possible of the closure.
- H) All applicants and operators shall be responsible to keep grates and area clean and free of debris and to use the sanitary containers that are provided.

3. The failure to comply with any of the Municipal District of Bonnyville #87 rules shall force the Municipality to cancel the permit for the above permit holder.

I _____ representing the above applicant/company have read and understand the rules and regulations of this permit and agree to follow them.

Application Approved by: _____

Date of Approval: _____

Permit Number: _____