

Policy	Tile Drainage	Effective Date: August 16, 2022
Policy Number:	PW-04	Approval Date: September 23, 2025
Policy Area:	Public Works	Original Council Resolution: 93/2022
Policy Section:		Updated:
No. of Pages: 2		Council Resolution No.:

PURPOSE

The purpose of this policy is to establish guidelines and conditions for the installation of tile drainage on land in the municipality.

POLICY STATEMENT

The Municipality of Brenda-Waskada is the drainage authority for all lands within its jurisdiction, except for natural waterways and Province of Manitoba designated drains and as such this policy outlines the procedures of the Municipality regarding tile drainage projects that fall within the Municipality's jurisdiction.

DEFINITION OF DRAINAGE WORKS

Drainage Works means a natural or artificial channel or drain tile providing a means of flowing water away from a particular property on an intermittent or continuous basis.

TILE DRAINAGE

Tile drainage is a widely used drainage system employed in most major crop producing areas in North America. The Municipality of Brenda-Waskada will work with producers to accommodate tile drainage systems, but these installations shall be installed in accordance with the following rules and regulations:

1. Tile drainage must comply with all rules and regulations of the Province of Manitoba.
2. The application for tile drainage must be submitted to the Municipality using the form attached as Schedule "A" prior to applying for license to construct water control works to Manitoba Conservation and Manitoba Sustainable Development.
3. Tile drainage projects will be reviewed in large part based on location within the Municipality of Brenda-Waskada and specifically in relation to soil types found within the municipal boundaries. Poorly draining soils with high water table components or artesian conditions will be noted as areas of concern. Manitoba

Agricultural Service Maps will be used to assist in soil quality determination (attached as Schedule “B”).

4. Tile drainage that outlets into the municipal drainage system must be approved by the Council as per the following requirements:
 - a. Initial requests shall be directed to the Municipality of Brenda-Waskada in writing.
 - b. That a satisfactory and complete report, including survey information and/or LiDAR, and elevations, also known as an “Opinion of Impact of the Tile Drainage System for Field” be submitted to the municipality confirming that municipal infrastructure will not be negatively impacted by the proposed tile drainage infrastructure.
 - c. The Municipality of Brenda-Waskada shall require copies of the tile drainage licenses issued by Manitoba Conservation and Manitoba Sustainable Development to be completed prior to the commencement of installation of tile drainage.
 - d. The application shall be dated, have the designer’s and the installer’s name and contact information. The maps must be clear and depict the drainage design in detail including type and location of outlets and all design parameters.
 - e. Drainage co-efficient of the tile outlet shall not exceed one quarter of an inch. Tile drainage installations shall not use perforated main drains unless prior approval has been received.
 - f. Erosion control measures of the outlets shall be installed.
 - g. The license holder of the tile drainage shall be responsible for mowing and maintenance of ditches downstream of tile outlets up to the natural waterway to mitigate future cattails from forming. Where the license holder does not perform the required work, the Municipality of Brenda-Waskada may do the work and charge the license holder. Collection of billing from the Municipality of Brenda-Waskada may include adding these charges to the taxes on the property.
 - h. Tile drainage water shall only be discharged into a natural grassed waterway, municipal or provincial drain and shall not cross private lands without prior licensed approval. Tile drain outlets should discharge into natural or private waterways as directly as possible to minimize impact to downstream municipal drains.

- i. All tile drain projects must include the installation of an approved control device to restrict or shut off the discharge of water into a municipal or natural drain. The control device should be approved by Council. The Council of the Municipality of Brenda-Waskada maintains the right to instruct the Landowner to “shut down” the tile drainage in the event of a local emergency due to overland flooding or some complication in the drainage system.
- j. Any tile drainage being installed in the Municipality of Brenda-Waskada must be installed by a professional installer (a person or company reputable in the tile drainage business recognized by Manitoba Sustainable Development).
- k. Where possible, tile water should be part of an integrated water management strategy including drainage and irrigation.
- l. The Municipality of Brenda-Waskada may require the applicant to have water from the outlet tested for nutrients and salts. All testing will be done using the most current and appropriate methods available. All costs associated with the tests will be the responsibility of the Landowner.
- m. There is no obligation on the Municipality of Brenda-Waskada to improve the existing municipal drainage system to accommodate a tile drainage project.
- n. The Municipality of Brenda-Waskada may authorize the proponent to perform private works in a municipal drain to accommodate a tile drainage project, however the Municipality of Brenda-Waskada would establish the elevation levels and the hiring of a contractor to perform the work, and the proponent would be responsible for all costs associated with the work. They may require the proponent to address a steep drop or loose soil conditions.
- o. The proponent may be responsible for any future drain maintenance costs such as mowing, the removal of siltation and/or blocks in the drain.
- p. If the proponent proposes to install any infrastructure under or through a municipal right-of-way the proponent must receive approval from the Municipality of Brenda-Waskada prior to the installation of the pipe, and the preferred method of installation would be boring (directional drilling). This would require the proponent to obtain written approval from the municipality. Any dirt work or excavation is required to be completed by September 1. If any maintenance of the dirt work is required, this will be at the expense of applicant and this condition is binding for three years.

- q. The proponent will be required to enter into a development agreement with the Municipality of Brenda-Waskada if the tile drainage project is discharging water into a municipal drainage system.
 - r. The proponent is required to list adjacent property owners, within one mile, that may be affected by the water run-off and will be required to contact all potentially affected property owners, prior to an application being presented to the municipality.
5. Council has determined that facilitating tile drainage projects of private lands is not a public responsibility, therefore any modifications required to existing municipal drains and/or public road allowances will be at the landowner's sole expense.

Failure to comply with the above rules and regulations regarding surface or tile drainage shall be subject to all fines, penalties and sanctions as may be applied by the Province of Manitoba.