

General information

Public comment period begins: May 7, 2026
Public comment period ends: June 8, 2026
Current permit issued: February 1, 2018
Current permit expiration date: January 31, 2028

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to modify this permit.

Name and address of Permittee:	Facility name and location:	MPCA contact person:
Tii Gavø Community Association 19206 Meadowridge Ln N Marine on Saint Croix, MN 55047- 2300	Tii Gavø on Big Marine Lake Wastewater Treatment Facility Meadowridge Ln Cir N Scandia, MN 55047 Washington County T32N, R20W, Section 28	Cameron Berthiaume Municipal Division Minnesota Pollution Control Agency 7678 College Rd, Ste 105 Baxter, MN 56425 Phone: 218-316-3900 Email: cameron.berthiaume@state.mn.us
		File manager phone: 651-757-2728 or 844-828-0942

A modified draft permit is available for review on the MPCA Public Notices webpage at <https://www.pca.state.mn.us/get-engaged/public-comments>. Additional materials relating to the issuance of this permit are available for inspection by appointment at any MPCA office (<https://www.pca.state.mn.us/about-mpca/contact-us>) between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. The MPCA will mail or email a copy of the draft permit upon request. Comments, petitions, and other requests must be received at the MPCA in writing on or before the public comment period end date and U.S. Mail comments must be received by 4:30 p.m.

Watershed: Lower St. Croix River

Description of Tii Gavø on Big Marine Lake Wastewater Treatment Facility

Existing Facility

The existing facility discharges from WS 002 to land via drainfield. The facility is a Class C.

The facility is designed to treat:

- an average wet weather (AWW) flow of 0.0131 million gallons per day (mgd)
- five-day biochemical oxygen demand (BOD₅) of 200 milligrams per liter (mg/L) at AWW flow
- total suspended solids (TSS) of 225 mg/L at AWW flow
- ammonia nitrogen of 30 mg/L at AWW flow

The facility consists of two 26,250-gallon compartmentalized septic tanks (with effluent filters in the last tank), one 8,438-gallon denitrification tank with carbon source addition, one 7,500-gallon recirculation tank, one 3,300-square-foot recirculating gravel filter, one 10,000-gallon dosing tank, and six drip dispersal zones totaling 33,120 square feet of infiltrative surface with an additional 11,040 square feet for reserve drainfield area.

Proposed Facility

The proposed facility discharges from WS 002 to land via drainfield. The facility is a Class C.

The facility is designed to treat:

- an AWW flow of 0.0131 mgd
- BOD₅ of 300 mg/L at AWW flow
- TSS of 225 mg/L at AWW flow
- ammonia nitrogen of 70 mg/L at AWW flow

The facility consists of two 26,250-gallon compartmentalized septic tanks (with effluent filters in the last tank), an 8,438-gallon and a 7,500-gallon flow equalization tank connected for a combined volume of 15,938 gallons, a 6,010-gallon pre-anoxic moving bed bioreactor (MBBR) tank with carbon source addition, two 4,200-gallon aerobic MBBR tanks in series with regenerative blowers, a compartmentalized 6,000-gallon tank comprised of a 3,000-gallon swing post-anoxic MBBR chamber with carbon source addition and a 3,000-gallon clarifier chamber, a 6,010-gallon secondary clarifier tank with effluent filters, one 10,000-gallon dosing tank, and four mound cells totaling 12,240 square feet of distribution media with adequate additional reserve drainfield area set aside. Each mound cell is comprised of three zones that each receive equal dose volumes via an auto-distributing valve.

The preliminary determination to modify this wastewater permit is tentative.

Procedure for public participation

As stated in Minn. R. chs. 7000 and 7001, there are three formal procedures for public participation in the MPCA's consideration of this matter. Interested persons may:

- 1) Submit written comments on the draft permit.
- 2) Petition the MPCA to hold a public informational meeting.
- 3) Petition the MPCA to hold a contested case hearing.

Submitting written comments

Comments may be submitted:

- 1) Online at <https://mpca.commentinput.com/comment/search>; or
- 2) By U.S. postal mail to the following address:

Cameron Berthiaume
Minnesota Pollution Control Agency
7678 College Rd, Ste 105
Baxter, MN 56425

Submitted comments or petitions must state:

- 1) Your interest in the permit application or the draft permit.
- 2) The action you wish the MPCA to take, including specific references to the section of the draft permit you believe should be changed.
- 3) The reasons supporting your position, stated with sufficient specificity as to allow the MPCA to investigate the merits of the position.

Public informational meeting

A public informational meeting is an informal meeting during which interested persons can ask questions concerning the proposed facility. MPCA staff will be present to provide information. If an interested person would like the MPCA to hold a public informational meeting, the person should include all information identified above and in addition include a statement of the reasons the person desires the MPCA to hold a public informational meeting and the issues that the person would like the agency to address at the public informational meeting.

Contested Case Hearing

A contested case hearing is a formal proceeding before an administrative law judge empowered to advise the MPCA regarding issues of fact. As described in Minn. R. 7000.1800, persons who submit petitions for a contested case hearing must also state the issues they propose to address in a contested case hearing, the specific relief requested or resolution of the matter, and the reasons (which may be in the form of proposed findings) supporting an MPCA decision to hold a contested case hearing. Failure to comply with these rules exactly may result in a denial of the request. To the extent known, the petitioner may also submit a list of prospective witnesses to be called at a hearing, a proposed list of publications, references, or studies to be introduced at a hearing and the approximate time required for the petitioner to present the matter at a hearing. The decision whether to hold a contested case hearing will be made under Minn. R. 7000.1900.