

## General information

**Public comment period begins:** March 5, 2018

**Public comment period ends:** 4:30 p.m. on May 4, 2018

**Current permit issued:** June 9, 2011

**Current permit expiration date:** May 31, 2016

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to reissue this permit for a term of approximately five years.

**Name and address of Permittee:**

City of Long Prairie  
615 Lake Street South  
Long Prairie, MN 56347-1545

**Facility name and location:**

Long Prairie WWTP - Municipal  
25251 US Highway 71  
Long Prairie, MN 56347  
Todd County  
T129N, R33W, Section 07

**MPCA contact person:**

Holly Kvitem  
Municipal Division  
Minnesota Pollution Control Agency  
714 Lake Avenue, Suite 220  
Detroit Lakes, MN 56501  
Phone: 218-846-8111  
Email: [holly.kvitem@state.mn.us](mailto:holly.kvitem@state.mn.us)

File manager phone: 651-757-2728 or  
1-844-828-0942

A draft permit and fact sheet are available for review on the MPCA Public Notices webpage at <http://www.pca.state.mn.us/publicnotices> or at the MPCA office address listed under the MPCA contact person. 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 time identified above.

**Watershed:** Long Prairie River

**Receiving water:** Long Prairie River - Class 2B, 3C, 4A, 4B, 5, 6 water

## Description of permitted facility

Current Information:

The current Facility is rated for an average wet weather (AWW) design flow of 1.82 million gallons per day (mgd), with a five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>) loading of 4,311 pounds per day (lbs/d), total suspended solids loading of 2,131 lbs/d, total Kjeldahl nitrogen loading of 976 lbs/d and a total phosphorus loading of 242 lbs/d. The average dry weather (ADW) flow of the Facility is 0.526 mgd.

The current Facility consists of a mechanically cleaned fine bar screen, a backup manual bar screen, an aerated grit chamber, two anaerobic basins, four aeration basins, three circular final clarifiers, two chlorine contact chambers with dechlorination, and post aeration equipment in the final section of the tank. The anaerobic basin and the anoxic basin preceding the aeration basins are to facilitate the ability to biologically remove phosphorus from the wastewater. The Facility also has chemical addition to assist in phosphorus removal. The Facility currently has a 12.67-acre stabilization pond available for flow equalization. There are six aerated solids storage tanks for sludge handling with telescoping valves to decant and assist in gravity thickening of the solids. Flows from Long Prairie Packing and Central Bi-products will be pretreated in pond systems prior to discharging to the city's mechanical plant. Due to the low Biochemical Oxygen Demand and high ammonia concentration, some of this industrial flow may bypass preliminary treatment and the anaerobic contractor basin and be discharged directly into the aeration basins. The addition of alkalinity will be necessary to completely nitrify the high ammonia wastewater from the industrial load. The Facility is a Class A Major Facility.

Changes to Facility or Operation

The City of Long Prairie is planning an expansion of the Facility as additional treatment capacity is needed. Two of the significant industrial users the Facility accepts influent wastewater from are expanding their production resulting in an increase of wastewater sent to the Facility for treatment. The proposed Facility is rated for an AWW design flow of 2.479 mgd, an ADW flow of 2.01 mgd, with a CBOD<sub>5</sub> loading of 5,769 lbs/d, total suspended solids of 2,640 lbs/d, total phosphorus loading of 339 lbs/d, and total ammonia

nitrogen loading of 1,371 lbs/d. The proposed upgrades to the Facility includes the addition of three new aeration basins and the conversion of the existing aeration basins into anoxic basins with the second basin being capable of operating as a swing zone. The upgrade will also include a new control building that includes a blower room, pump room, electrical and mechanical room and chemical feed rooms for carbon and alkalinity addition.

An anti-degradation review was completed as part of the proposed facility upgrade/expansion. As part of the expansion and anti-degradation review, the Facility is accepting mass cap limits for all the conventional pollutants (CBOD<sub>5</sub>, TSS, ammonia-nitrogen, fecal coliform, pH, dissolved oxygen, total residual chlorine, and total phosphorus). The anti-degradation analysis and subsequent review demonstrate that water quality degradation for chloride cannot be avoided, but will be prudently and feasibly minimized; existing and beneficial uses will be protected; and the proposed activity is necessary to accommodate important economic or social changes in the geographic area. The proposed project will implement the best technology in practice and treatment.

The MPCA has made a preliminary determination that the project will satisfy anti-degradation standards in Minnesota Rules 7050.0265 and the preliminary determination to reissue 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

To submit comments or petitions to the MPCA through the mail or email, you 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.