Public Notice of intent to Reissue

Wastewater
Permit MN0064661

General information

Public comment period begins: November 21, 2018
Public comment period ends: December 21, 2018 (4:30 p.m.)
Current permit issued: January 15, 2016
Current permit expiration date: December 31, 2021

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to modify this permit through its existing expiration date.

Name and address of Permittee: Yoshihiro Suzuki
Polar Semiconductor LLC
2800 E Old Shakopee Road
Bloomington, Minnesota 55425

Facility name and location: Polar Semiconductor LLC
2800 E Old Shakopee Road
Bloomington, Minnesota 55425-1350
Hennepin County
T027N, R24W, Section 001

MPCA contact person:
Steven Theisen
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road N
St. Paul, Minnesota 55155
Phone: 651-757-2602
Email: steven.theisen@state.mn.us
File manager phone: 651-757-2728 or 1-844-828-0942

A draft permit is 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: Lower Minnesota River
Receiving water: Long Meadow - Class 2B, 3C, 4A, 4B, 5, 6 water; Unnamed - Class 2B, 3C, 4A, 4B, 5, 6 water; Long Meadow - Class 2B, 3C, 4A, 4B, 5, 6 water; Unnamed - Class 2B, 3C, 4A, 4B, 5, 6 water; Long Meadow - Class 2B, 3C, 4A, 4B, 5, 6 water; Unnamed - Class 2B, 3C, 4A, 4B, 5, 6 water

Description of permitted facility:

The Polar Semiconductor LLC facility (facility) is located at 2800 E Old Shakopee Road, Bloomington, Minnesota 55425-1350, Hennepin County. The principal activity at this facility is the manufacture of semiconductors.

The discharge authorized by this permit consists of reverse osmosis (RO) reject, softener backwash, multi-media filter backwash, and degasifier cooling backwash waters that are discharged from the two stations (SD 001 and SD 002). The combined discharge flow rate from the facility is restricted to a maximum of 0.213 mgd at SD 003. Discharge in excess of this volume must be discharged to the POTW.

Groundwater wells supply the water for these wastestreams. Wastestreams are combined into one discharge pipe (SD001 & SD 002) that flows into a stormsewer leading to Skimmer Pond, then to Hog Back Ridge Pond, then to Long Meadow Lake (Class 2B, 3C, 4A, 4B, 5, 6 water).

All wastestreams are combined prior to taking samples for SD001 and SD 002 from a sample port on the discharge pipe.

This permit includes coverage for industrial stormwater with no exposure. Polar Semiconductor LLC is not required to obtain additional coverage under the General Stormwater Permit (MNR050000) because requirements are included within this permit. The sanitary wastes and process wastewaters are discharged to the municipal sanitary sewer and are not authorized under this permit. The only chemical additive to the waste streams covered by this permit is sodium chloride used for water softening used at an average rate of 3,317 lbs/day and maximum rate of 4,491 lbs/day, a reduction from the previous permit.

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

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.