

General information

Public comment period begins: February 2, 2018

Public comment period ends: 4:30 p.m. on March 5, 2018

Current permit issued: December 4, 2007

Current permit expiration date: non-expiring

Name and address of Permittee:

GE Osmonics Inc
5951 Clearwater Drive
Minnetonka, MN 55343-8990

Facility name and location:

GE Osmonics Inc
5951 Clearwater Drive
Minnetonka, MN 55343
Hennepin County
T117N, R22W, Section 035

MPCA contact person:

Bruce Braaten
Industrial Division
Minnesota Pollution Control Agency
18 Wood Lake Drive Southeast
Rochester, MN 55904
Phone: 507-206-2607
Email: bruce.braaten@state.mn.us

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

A draft permit and permit technical support document 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: NA

Receiving water: NA

Description of Air Permit 05300834-102

GE Osmonics, Inc. produces a variety of water and other fluids purification and treatment equipment. These processes result in air emissions of mainly VOC and HAPs

The permit action is for construction and operation of the facility. The permit action is a major amendment; therefore, the draft/proposed permit has been placed on public notice. The MPCA is seeking the U.S. Environmental Protection Agency's (EPA) concurrent review of this draft/proposed permit and the EPA 30-day review period will begin with the 30-day public review period.

This permit action authorizes two new coaters. The Thin Film Pilot Coater line (EQUI 54, EQUI 55, EQUI 56) will include two dryers that combust natural gas and have a combined heat input capacity of 4 MMBtu/hr. The Polysulfone Pilot Coater line (EQUI 57) will include a series of rinse tanks. Both lines will leverage existing mixing areas. Both lines are subject to 40 CFR 60 Subpart VVV, but are below the 95 Mg/yr threshold. The facility will continue to operate within its current facility wide VOC/HAP emission caps. This will allow the facility to stay under the permit's current cap to remain a state permit.

In addition, this permit action also incorporates EPA's alternative means of emission limitation requirements for Coater 7 into the current permit action.

A summary of the limited Potential to Emit (PTE) and Emissions Increase in tons per year is as follows:

Pollutant	PM tpy	PM ₁₀ tpy	PM _{2.5} tpy	SO ₂ tpy	NO _x tpy	CO Tpy	CO _{2e} tpy	VOC tpy	Single HAP tpy	All HAPs tpy
Total Facility Limited Potential Emissions	32.6	32.5	32.4	7.0	35.3	34.2	41779	90.0	9.0	22.5
Emissions Increase from new emission units	0.02	0.02	0.02	0.002	0.3	0.3	351	*	*	

PM = Particulate Matter

PM_{2.5} = PM smaller than 2.5 microns

NO_x = Nitrogen Oxides

CO = Carbon Monoxide

PM₁₀ = PM smaller than 10 microns

SO₂ = Sulfur Dioxide

VOCs = Volatile Organic Compounds

CO_{2e} = Carbon Dioxide Equivalents as defined in Minn. R. 7007.0100

* Existing VOC/HAPs limits remains in place

The Permittee is not required to submit a pollution prevention progress report pursuant to Minn. Stat. § 115D.08.

The preliminary determination to modify this Air 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.