

General information

Public comment period begins: March 6, 2024

Public comment period ends: April 5, 2024

Current permit issued: February 25, 2021

Name and address of Permittee:

VEOLIA WTS Solutions USA Inc
4636 Somerton Rd
Trevose, PA 19053-6742

Facility name and location:

VEOLIA WTS Solutions USA Inc
5951 Clearwater Dr
Minnetonka, MN 55343-8990
Hennepin County
T117N, R22W, Section 035

MPCA contact person:

Morgan Bolstad
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
Phone: 651-757-2209
Email: morgan.bolstad@state.mn.us

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

A draft permit and supporting documents are 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: NA

Receiving water: NA

Description of permitted Facility and permit action

SUEZ WTS Solutions USA, Inc. produces a variety of water and other fluids purification and treatment equipment. Finished products include flat sheet membrane, membrane elements, filters, and water purification systems and equipment. Manufacture of the various separation membranes and other fluid system components results in air emissions of volatile organic compounds (VOC) and hazardous air pollutants (HAPs) and are primarily as a result of solvent release from several membrane coating lines or equipment painting from systems assembly. The coating lines use three regenerative thermal oxidizers (RTOs) and two water baths as pollution control equipment to reduce VOC and HAP emissions. The paint booths use panel filters to limit particulate matter (PM), particulate matter less than 10 microns (PM10), and particulate matter less than 2.5 microns (PM2.5) emissions.

The Permittee also operates two emergency internal combustion engine generators that burn only distillate oil. EQUI 1 rated at 1.48 MMBtu/hr and EQUI 20 rated at 2.25 MMBtu/hr. Their main emissions are those resulting from combustion of distillate oil, such as nitrogen oxides and carbon monoxide.

This permit action is a major amendment to add one additional production coating line and one additional pilot coating line. Coater 14 (EQUIs 90 and 91) and Coater 15 (EQUIs 93 and 94) use n-methylpyrrolidone (NMP) as a solvent. The new lines will exhaust to the Phase 1 area. The line will leverage the existing polymeric coating mixing area in the Phase 1 location in the plant (existing STRU 18), adding Coater mixing (EQUI 92) and a Phase 1 Mix Room Scrubber (TREA 15). Heat will be provided by electrical energy. The new equipment is subject to NSPS VVV. The new units will be subject to the existing facility-wide VOC limit.

The fuel combusted by the coating line dryers in COMG 5 will now be calculated using monthly utility bills.

This permit extends construction authorization for EQUI 54, EQUI 55, EQUI 58, EQUI 59, EQUI 60, EQUI 62, EQUI 63, and TREA 13, and authorizes the construction of EQUIs 90-94, and TREAs 14-16, as described in this Permit.

The preliminary determination to issue this Air permit is tentative.

The permit action is for construction and operation of the facility. The permit action is a state permit; therefore, the draft permit has been placed on public notice.

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

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOCs	HAPs- total	CO	CO _{2e}
Total Facility PTE	0.039	0.032	0.031	0.00084	1.80	83.2	0.00091	0.48	92.0

PM = Particulate Matter

PM_{2.5} = PM, 2.5 microns and smaller

NO_x = Nitrogen Oxides

CO = Carbon Monoxide

PM₁₀ = PM, 10 microns and smaller

SO₂ = Sulfur Dioxide

VOCs = Volatile Organic Compounds

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

HAP = Hazardous Air Pollutant

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

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:

Morgan Bolstad
Minnesota Pollution Control Agency
520 Lafayette Road North
Saint Paul, MN 55155

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.