

**MINNESOTA POLLUTION CONTROL AGENCY
WEB NOTICE ON DRAFT/PROPOSED
AIR EMISSION FACILITY PERMIT**

NOTICE IS HEREBY GIVEN, that the Commissioner of the Minnesota Pollution Control Agency (MPCA) proposes to issue Air Emission Permit No. 13700112-008, to Western Lake Superior Sanitary District (WLSSD) for their facility located at 2626 Courtland Street, Duluth, St. Louis County, Minnesota.

The permit action is for operation of the facility. The permit action is the reissuance of the Part 70 Operating Permit; 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 45-day review period will begin with the 30-day public review period.

Western Lake Superior Sanitary District (WLSSD) is a publicly owned treatment works whose primary function is to treat municipal and industrial wastewater. The facility also includes household hazardous waste collection. WLSSD treats an average daily flow of wastewater of approximately 43 million gallons per day (MGD). The facility was designed to handle a peak flow of 87 MGD. Municipal customers account for 50 percent (at 43 MGD) of wastewater flow received by the facility with industry contributions accounting for the remaining inflow to the facility.

The wastewater treatment facility generates an average of 200 wet tons (moisture content of approximately 84 percent) of sewage sludge each day. The sludge is treated with anaerobic digesters, which biologically decompose the sludge, producing a product that is sufficiently stable for storage and application to land. The by-products of anaerobic digestion are methane, carbon dioxide, and small amounts of nitrogen, hydrogen, hydrogen sulfide and water.

The facility is permitted as a Title V source. Since the sludge incineration operations have been removed, the facility's potential emissions are less than the Part 70 thresholds and the facility qualifies for a state operating permit. However, the Permittee has opted to continue holding a Title V permit.

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

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOCs	CO	CO ₂ e	Total HAP
Total Facility PTE	6.9	5.2	4.0	39.5	48.4	20.5	25.6	64000	4.5

PM = Particulate Matter

PM₁₀ = PM smaller than 10 microns

SO₂ = Sulfur Dioxide

PM_{2.5} = PM smaller than 2.5 microns

NO_x = Nitrogen Oxides

VOCs = Volatile Organic Compounds

CO = Carbon Monoxide

CO₂e = 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.

The preliminary determination to issue the air emission permit is tentative. There are four formal procedures for public participation in the MPCA's consideration of the permit application. Interested persons may (1) submit written comments on the draft/proposed permit; (2) request that the MPCA hold a public information meeting; (3) request the MPCA hold a contested case hearing; and/or (4) submit a petition to the Commissioner requesting that the MPCA Citizens' Board (Board) consider the permit matter.

The decision whether to issue the permit and, if so, under what terms, will be presented to the Board for decision if: (1) the Commissioner grants the petition requesting the matter be presented to the Board; (2) an Board member requests to hear the matter prior to the time the Commissioner makes a final decision on the permit; or (3) a request for a contested case hearing is pending. Otherwise, the Commissioner will make the decision.

Persons who submit comments or petitions to the MPCA must state (1) their interest in the permit application or the draft permit; (2) the action they wish the MPCA to take, including specific references to the section of the draft permit they believe should be changed; and (3) the reasons supporting their position, stated with sufficient specificity as to allow the MPCA to investigate the merits of the position.

As described in Minn. R. 7000.1800, persons who submit requests 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. The decision whether to hold a contested case hearing will be made under Minn. R. 7000.1900. Most public libraries throughout the state have copies of the current Minnesota Rules. They are also available on the Internet at www.revisor.leg.state.mn.us.

The public comment period commences June 13, 2012, and terminates July 12, 2012. Comments must be received in writing at the MPCA by 4:30 p.m. on July 12, 2012. Evidence of timely receipt includes a date/time stamp imprinted on the first page of the written comments by the first floor information and reception area of the MPCA or by the Industrial Division support staff, or receipt by fax or email.

Comments, requests, and petitions should be sent to:

Toni Volkmeier, Air Quality Permits Section
Industrial Division, Minnesota Pollution Control Agency
520 Lafayette Road North, St. Paul, Minnesota 55155
651-296-8717 – Fax; toni.volkmeier@state.mn.us – email

A copy of the draft/proposed permit will available on the MPCA's website at <http://www.pca.state.mn.us/news/data/index.cfm?PN=1>, or will also be mailed to any interested person upon the MPCA's receipt of a written request. Additional materials relating to the issuance of this permit are available for inspection by appointment at the Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155, phone 651-757-2667, between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. All MPCA offices may be reached by calling 1-800-657-3864.

DATED: June 5, 2012

Don Smith, P.E., Manager
Air Quality Permits Section
Industrial Division