APPLICATION FOR A PERMIT TO DISTRIBUTE AND MARKET WASTEWATER SLUDGE IN DELAWARE

PRELIMINARY INFORMATION

1. Name of facility: Milwaukee Metropolitan Sewerage District

   Mailing Address: 260 West Seeboth Street
   Milwaukee, Wisconsin 53204

   Location (street address, if different from mailing address):

2. Name of operator:

   Mailing Address:

   Telephone Number:

1. Does this facility have a currently effective NPDES permit?
   x Yes ____ No WPDES Permit No. WI-0036820-04-0 (expires 3/31/24 - renewal has been submitted and is in process)

2. Is this facility required to have, or is it requesting, permit(s) from other agencies under other programs (e.g. RCRA, UST, CERCLA, etc.)?
   ____ Yes x No

Send the completed application information to:

State of Delaware
Division of Water Resources
Department of Natural Resources and Environmental Control
Surface Water Discharges Section
89 Kings Highway, P.O. Box 1401
Dover, Delaware 19901

BACKGROUND INFORMATION:

1. Does this operator own the facility for which the information is submitted?
   x Yes ____ No

2. Indicate type of facility:
   ____ Federally owned treatment works
   ____ Privately owned treatment works
   x Publicly owned treatment works (POTW)
   ____ Other ____

3. **Description of Sewage Sludge Use or Disposal Practices.** Provide the following information on the quantity (total dry metric tons per year) of sewage sludge handled at the applicants facility:

   Amount of sewage sludge:
   41,000 generated at the facility:
   ____ received from off-site:
   ____ land applied on-site:
   ____ sent off-site for land application:
   ____ sent off-site for further treatment or distribution for ultimate land application:
   ____ disposed of in a surface disposal unit on-site:
   ____ sent off-site for surface disposal:
   ____ used or disposed of by a method not described above, including sewage sludge sent to a municipal solid waste landfill unit (explain below):

4. **Sludge Quality Data.** Attach any data available on the quality of the sewage sludge, including but not limited to pollutant concentrations and the level of pathogen reduction attained.

5. **Certification.** Sign the certification statement below.

   I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person/s who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Officer:	Emily T. Van Deraa
Official Title of Officer:	Senior Staff Attorney
Telephone Number:	414-225-2080
Signature of Officer:	
Date Signed:	2/16/24

SECTION A. SEWAGE SLUDGE GENERATION OR PREPARATION

A.1. To be completed if the applicant processes or packages sewage sludge for sale or give-away in a bag or other container for application to land (as explained in the instructions)

a. Provide the total dry metric tons per year processed or packaged for sale or give-away in a bag or other container for application to land. 41,000

b. Indicate which class of pathogen reduction is met by the sewage sludge processed or packaged for sale or give away in a bag or other container for application to land. Class A

Describe the process(es) used to meet this class of pathogen reduction. (1) Heat drying; (2) Time and temperature; (3) Pathogen analysis

Are all processes used to meet this class of pathogen reduction provided by the applicant?
x Yes _____ No

If no, explain. _____

c. Which of the following vector attraction reduction requirements is met by the sewage sludge processed or packaged for sale or give away in a bag or other container for application to land?

_____ Minimum 38 percent reduction in volatile solids
_____ Anaerobic process, with bench-scale demonstration
_____ Aerobic process, with bench-scale demonstration
_____ Specific oxygen uptake rate (SOUR) for aerobically digested sludge
_____ Aerobic processes plus raised temperature
_____ Raise pH to 12 and retain at 11.5
x 75 percent solids with no unstabilized solids
_____ 90 percent solids with unstabilized solids
_____ Other, explain. _____

Describe the process(es) used to meet this vector attraction reduction requirement. Anaerobic digestions of primary solids, followed by thickening, dewatering and heat drying

Are all processes used for vector attraction reduction provided by the applicant?
x Yes _____ No

If no, explain. _____

d. Briefly describe any blending or manufacturing processes employed prior to sale or give away in a bag or other container. None

e. Attach a copy of all labels or notices that accompany the product being sold or given away.

SECTION B. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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