

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

LOG NUMBERS: 2021-66831

PERMIT NO.: 2021-AO-66831

Bureau ID: W0328990004

FINAL PLANS, SPECIFICATIONS, APPLICATION
AND SUPPORTING DOCUMENTS

PREPARED BY: Metropolitan Water Reclamation District of Greater
Chicago

DATE ISSUED: DECEMBER 16, 2021

SUBJECT: METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO-JOHN EGAN STP-Backup
Drying Area

PERMITTEE TO OPERATE

Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street
Chicago, Illinois 60611

Permit is hereby granted to the above designated permittee(s) to operate water pollution control facilities described as follows:

The operation of a 15 acre site at the MWRDGC Egan STP for processing centrifuge cake by mechanical agitation.

This operating permit expires on November 30, 2026.

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

SPECIAL CONDITION 1: Sludge removed from the drying cells will be sampled on a monthly basis as it is removed for final utilization and analyzed for the following parameters: pH, total volatile solids, total Kjeldahl nitrogen, ammonia nitrogen; total P, Fe, Zn, Cu, Ni, Mn, K, Na, Ca, Mg, Pb, Cr, Cd, Al, and Hg.

SPECIAL CONDITION 2: Lysimeter monitoring shall be initiated upon commencement of drying site utilization and shall continue three (3) months after all sludge has been removed. Such monitoring shall consist of sampling lysimeters, once per month, and analyzing said sample for the following parameters: pH, dissolved organic carbon, TKN, NH-N, NO2+NO3-N, total P, Cl, alkalinity, total dissolved solids, SO4, Fe, Zn, Cu, Ni, Mn, K, Na, Ca, Mg, Pb, Cr, Cd, Al, and Hg.

SPECIAL CONDITION 3: When in operation lysimeters shall be replaced if they do not produce adequate samples for analysis at least two times per quarter unless adequate documentation is provided to justify retaining the lysimeter(s).

THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

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DIVISION OF WATER POLLUTION CONTROL

cc: EPA-Des Plaines FOS
Records - Municipal


Brant D. Fleming, P.E.
Manager, Municipal Unit, Permit Section

EPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

MAR 09 2022

REVIEWER: SAB

**READ ALL CONDITIONS CAREFULLY:
STANDARD CONDITIONS**

The Illinois Environmental Protection Act (Illinois Revised Statutes Chapter 111-12, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials:
 - a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;
 - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
 - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit;
 - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants;
 - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
 - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;
 - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
 - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
 - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
 - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the agency before the facility or equipment covered by this permit is placed into operation.
7. These standard conditions shall prevail unless modified by special conditions.
8. The Agency may file a complaint with the Board for suspension or revocation of a permit:
 - a. upon discovery that the permit application contained misrepresentations, misinformation or false statement or that all relevant facts were not disclosed; or
 - b. upon finding that any standard or special conditions have been violated; or
 - c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.