

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

LOG NUMBERS: 2023-68852
BOW ID: W0328990013

PERMIT NO.: 2023-AO-68852

FINAL PLANS, SPECIFICATIONS, APPLICATION
AND SUPPORTING DOCUMENTS
PREPARED BY: MWRDGC

DATE ISSUED: NOV 09 2023

SUBJECT: MWRDGC – Harlem Avenue Solids Management Area Drying Operations

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:

Air drying of 35,000 dry tons per year of lagoon solids and aged centrifuge cake solids at a 35 acre site located at 7430 Portage Trail in the Village of Forest View and the use of two renovated warehouses adjacent to the Harlem Avenue Solids Management Area for temporary storage of air-dried solids used in the District's Controlled Solids Program. All drainage from the drying site is discharged to MWRDGC Stickney WRP.

This operating permit expires on October 31, 2028.

This permit renews and replaces Permit Number 2019-AO-63958 which was previously issued for the herein permitted facilities.

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: For the duration of this permit, the permittee shall sample sludge as the sludge is placed in the cells for air drying and lysimeters nos. L-1N1, L-2N, and L-3N and chemically analyze said samples in accordance with the recommended procedures contained in the latest edition of Standard Methods for the Examination of Water and Wastewater for the following parameters:

	<u>Parameter</u>	<u>Sample Frequency</u>
Sludge	pH	Weekly
Sludge	%TS	Weekly
Sludge	%VS	Weekly
Lysimeters	pH	Quarterly
Lysimeters	NO ₂ +NO ₃ -N	Quarterly
Lysimeters	CL ⁻	Quarterly
Lysimeters	SO ₄ ²⁻	Quarterly

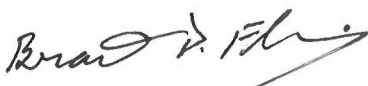
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THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

BDF:JAR:2023-68852

DIVISION OF WATER POLLUTION CONTROL

cc: EPA-Des Plaines FOS
Records - Municipal
Compliance Assurance Section


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

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Sampling shall consist of a grab sample and be reported as a maximum value.

The results of these analyses shall be submitted to this Agency on a quarterly basis on Discharge Monitoring Report (DMR) electronic forms. Sampling results shall be submitted to the Agency by April 30, July 31, October 31 and January 31 of each year, reporting the preceding three months of sampling data.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://epa.illinois.gov/topics/water-quality/surface-water/netdmr.html>

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section
Mail Code #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

**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 source 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 obtain and remove 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 damages to person or property caused by or resulting from 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 other applicable local laws, ordinances and regulations;
 - d. does not take into consideration or attest to 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.