

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 26-14

HANOVER PARK WATER RECLAMATION PLANT

FISCHER FARM MONITORING REPORT

FOR FIRST QUARTER 2026

SPECIAL CONDITION 5

April 2026



Metropolitan Water Reclamation District of Greater Chicago

CECIL LUE-HING RESEARCH AND DEVELOPMENT COMPLEX
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April 21, 2026

Mr. Caleb Ruyle
Illinois Environmental Protection Agency
Bureau of Water
DWPC Compliance Section #19
2520 W. Iles Ave.
P.O. Box 19276
Springfield, Illinois 62794-9276

Dear Mr. Ruyle:

Subject: Hanover Park Water Reclamation Plant - Illinois Environmental Protection Agency
Permit No. 2022-SC-66896, Special Condition 5 Monitoring Report for January,
February, and March 2026

The attached table contains the monitoring data for the Hanover Park Water Reclamation Plant (WRP) Fischer Farm site for January, February, and March 2026, as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2022-SC-66896, Special Condition 5.

Drainage water (combined surface and subsurface) returned to the Hanover Park WRP from the farm fields was sampled in January, February, and March 2026, and data for these samples are presented in Table 1. The volumes of drainage water returned to the WRP during the first quarter were estimated as 3.9, 0.84, and 23.5 million gallons in January, February, and March, respectively.

The data reported are as follows:

Table 1: Analysis of Combined Surface and Subsurface Drainage from the Fischer Farm Site Returned to the Hanover Park Water Reclamation Plant During January, February, and March 2026.

Figure 1: Map of Fields and Wells at the Hanover Park Fischer Farm Site of the Metropolitan Water Reclamation District of Greater Chicago.

Very truly yours,

Albert E. Cox, Ph.D.
Environmental Monitoring and Research Manager
Monitoring and Research Department

AC:lf

Attachment

cc: Mr. T. Bennett, IEPA
Mr. B. Fleming, IEPA
Mr. R. Ng, IEPA
Mr. J. Lienemann, IEPA
Mr. J. Chavich/Mr. B. Kaunelis
Mr. P. Desai/Dr. H. Zhang

Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street Chicago, Illinois 60611-2803 (312) 751-5600

**HANOVER PARK WATER RECLAMATION
PLANT FISHER FARM MONITORING
REPORT FOR FIRST QUARTER 2026:
SPECIAL CONDITION 5**

By

**Benjamin Morgan
Environmental Soil Scientist**

**Albert Cox
Environmental Monitoring and Research Manager**

TABLE 1: ANALYSIS OF COMBINED SURFACE AND SUBSURFACE DRAINAGE FROM THE FISCHER FARM SITE RETURNED TO THE HANOVER PARK WATER RECLAMATION PLANT DURING JANUARY, FEBRUARY, AND MARCH 2026

Date	Sump	NH ₃ -N	TSS ¹	BOD ₅
-----mg L ⁻¹ -----				
01/07/26	East	5.8	2	3 ²
01/07/26	West	1.3	5	<2 ²
01/21/26	East	10.50	3	<2
01/21/26	West	<0.30	<2	<2
02/03/26	East	21.1	3	6
02/03/26	West	2.3	<2	3
02/17/26	East	13.2	9	26
02/17/26	West	3.3	6	9
03/03/26	East	19.5	3	<2
03/03/26	West	3.2	2	7
03/24/26	East	3.7	3 ³	<2
03/24/26	West	<0.30	<2 ³	<2

¹Total suspended solids.

²Laboratory quality assurance/quality control failed, and samples could not be reanalyzed due to holding time. Re-analysis was conducted on aliquots collected on January 15, 2026.

³Laboratory quality assurance/quality control failed, and samples could not be reanalyzed due to inadequate sample volume remaining. Re-analysis was conducted on aliquots collected on March 31, 2026.

FIGURE 1: MAP OF FIELDS AND WELLS AT THE HANOVER PARK FISCHER FARM SITE OF THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

