

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 26-30

HANOVER PARK WATER RECLAMATION PLANT

FISCHER FARM MONITORING REPORT

FOR SECOND QUARTER 2026: SPECIAL CONDITION 5

July 2026



Metropolitan Water Reclamation District of Greater Chicago

CECIL LUE-HING RESEARCH AND DEVELOPMENT COMPLEX
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July 22, 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
April, May, and June 2026

The attached table contains the monitoring data for the Hanover Park Water Reclamation Plant (WRP) Fischer Farm site for April, May, and June 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 April, May, and June 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 2.2, 14.3, and 11.0 million gallons in April, May, and June, 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 April, May, and June 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 Cox, Ph.D.
Environmental Monitoring and Research Manager
Monitoring and Research Department

AC:lf

Attachment

cc: Mr. T. Bennett, IEPA
R. Ng, IEPA/J. Lienemann, IEPA
Mr. K. Middleton, USEPA, Region 5
Mr. J. Chavich/Mr. B. Kaunelis
Ms. L. Oduocha/Dr. H. Zhang

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**HANOVER PARK WATER RECLAMATION
PLANT FISCHER FARM MONITORING
REPORT FOR SECOND 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 APRIL, MAY, AND JUNE 2026

Date	Sump	NH ₃ -N	TSS ¹	BOD ₅
			-----mg L ⁻¹ -----	
04/07/26	East	1.4	4	6
04/07/26	West	<0.30	8	<2
04/21/26	East	89	32	61
04/21/26	West	7.0	4	9
05/05/26	East	13	9	NRR ²
05/05/26	West	0.75	2	NRR
05/12/26	East	431	174	246
05/12/26	West	39	11	22
06/02/26	East	48	3	5
06/02/26	West	26	9	18
06/16/26	East	10	2	7
06/16/26	West	<0.30	<2	<2

¹Total suspended solids.

²No reportable results. Laboratory quality assurance/quality control failed, and samples could not be reanalyzed due to holding time requirement.

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

