

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 26-12

HANOVER PARK WATER RECLAMATION PLANT

FISCHER FARM MONITORING REPORT

FOR FIRST QUARTER 2026

SPECIAL CONDITION 2

April 2026

Protecting Our Water Environment



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 2 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 2. Analytical data for well water samples collected during the quarter are presented in Table 1. The data reported are as follows:

Table 1: Analysis of Water From Monitoring Wells W-5, W-6, W-7, and W-8 at the Hanover Park Fischer Farm Site Sampled on March 24, 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

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**HANOVER PARK WATER RECLAMATION
PLANT FISHER FARM MONITORING
REPORT FOR FIRST QUARTER 2026:
SPECIAL CONDITION 2**

By

**Benjamin Morgan
Environmental Soil Scientist**

**Albert Cox
Environmental Monitoring and Research Manager**

TABLE 1: ANALYSIS OF WATER FROM MONITORING WELLS W-5, W-6, W-7, AND W-8
AT THE HANOVER PARK FISCHER FARM SITE SAMPLED ON MARCH 24, 2026

Parameter	Unit	W-5	W-6	W-7	W-8
pH		7.3	7.9	8.1	8.5
EC	mS m ⁻¹	77	80	88	54
Cl ⁻	mg L ⁻¹	19	26	92	11
SO ₄ ²⁻	"	99	122	113	49
Alkalinity as CaCO ₃	"	305	290	145	240
TKN	"	<1.0	<1.0	1.77	<1.0
NH ₃ -N	"	<0.30	0.308	<0.30	0.395
NO ₂ ⁻ +NO ₃ ⁻ -N	"	<0.50	<0.50	14.8	<0.50
Total P	"	<0.150	<0.150	0.773	<0.15
Cd	"	<0.002	<0.002	<0.002	<0.002
Cr	"	<0.004	<0.004	<0.004	<0.004
Cu	"	0.031	0.057	0.017	0.008
Fe	"	4.32	13.4	19.8	0.954
Mn	"	0.041	0.097	0.374	0.012
Ni	"	<0.002	0.003	0.012	<0.002
Zn	"	0.013	0.016	0.122	<0.010

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

