

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 24-29

HANOVER PARK WATER RECLAMATION PLANT

FISCHER FARM MONITORING REPORT

FOR SECOND QUARTER 2024

SPECIAL CONDITION 6

July 2024

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July 30, 2024

Director of Monitoring and Research

Ms. Catherine Siders
Illinois Environmental Protection Agency
Bureau of Water
DWPC Compliance Section #19
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9274

Dear Ms. Siders:

Subject: Hanover Park Water Reclamation Plant – Illinois Environmental Protection Agency
Permit No. 2022-SC-66896, Special Condition 6 Monitoring Report for April, May, and
June 2024

This report contains the monitoring data for the Hanover Park Water Reclamation Plant (WRP) Fischer Farm site for April, May, and June 2024, as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2022-SC-66896, Special Condition 6. The volumes of lagoon supernatant applied to the Hanover Park WRP Fischer Farm site during April 2024, and the associated dry weights of biosolids applied, are shown in Table 1. The analytical data for lagoon supernatant applied to Fischer Farm fields in the second quarter are reported separately, under Special Condition 4, as required by the permit. The data reported are as follows:

Table 1: Volumes and Dry Weights of Lagoon Supernatant Applied to Fields During April 2024 at the Hanover Park Fischer Farm Site.

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
Mr. T. Bennett, IEPA
Mr. B. Fleming, IEPA
Mr. K. Middleton, USEPA, Region 5
Mr. J. Chavich/Mr. B. Kaunelis
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**HANOVER PARK WATER RECLAMATION PLANT
FISCHER FARM MONITORING REPORT
FOR SECOND QUARTER 2024
SPECIAL CONDITION 6**

By

**Benjamin Morgan
Environmental Soil Scientist**

**Albert Cox
Environmental Monitoring and Research Manager**

TABLE 1: VOLUMES AND DRY WEIGHTS OF LAGOON SUPERNATANT APPLIED TO FIELDS¹ DURING APRIL 2024 AT THE HANOVER PARK FISCHER FARM SITE

Field	Date	Biosolids Type	Volume (Gallons)	Dry Weight (Tons)
4	04/22/24	Supernatant	430,000	2.51
1	04/23/24	Supernatant	380,000	2.69
5	04/24/24	Supernatant	420,000	2.80
6	04/25/24	Supernatant	310,000	2.07
Total			1,540,000	10.07

¹All fields that received biosolids applications were used for cultivating corn (*Zea mays*).

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

