

*Protecting Our Water Environment*



*Metropolitan Water Reclamation District of Greater Chicago*

***MONITORING AND RESEARCH  
DEPARTMENT***

***REPORT NO. 25-11***

***HANOVER PARK WATER RECLAMATION PLANT***

***FISCHER FARM MONITORING REPORT***

***FOR FOURTH QUARTER 2024:***

***SPECIAL CONDITION 6***

***May 2025***

## Protecting Our Water Environment



### Metropolitan Water Reclamation District of Greater Chicago

CECIL LUE-HING RESEARCH AND DEVELOPMENT COMPLEX  
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Director of Monitoring and Research

January 28, 2025

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

Dear Sir or Madam:

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

This report contains the monitoring data for the Hanover Park Water Reclamation Plant (WRP) Fischer Farm site for October, November, and December 2024, as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2022-SC-66896, Special Condition 6. The volumes of liquid biosolids applied to the Hanover Park WRP Fischer Farm site during November 2024, and the associated dry weights of biosolids applied, are shown in Table 1. The analytical data for liquid biosolids applied to Fischer Farm fields in the fourth quarter are reported separately, as required by Permit No. 2022-SC-66896, Special Condition 4. For the next growing season (2025), corn (*Zea mays*) is expected to be grown in all biosolids application areas. The data reported are as follows:

Table 1 : Volumes and Dry Weights of Liquid Biosolids Applied to Fields During  
November 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

Attachment

cc: Mr. T. Bennett, IEPA  
Mr. B. Fleming, IEPA  
Mr. K. Middleton, USEPA, Region 5  
Mr. J. Chavich  
Mr. B. Kaunelis  
Mr. A. Desai  
Dr. H. Zhang

***Metropolitan Water Reclamation District of Greater Chicago***

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**HANOVER PARK WATER RECLAMATION PLANT  
FISCHER FARM MONITORING REPORT  
FOR FOURTH 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 LIQUID BIOSOLIDS APPLIED TO FIELDS<sup>1</sup> DURING NOVEMBER 2024 AT THE HANOVER PARK FISCHER FARM SITE

Field	Date	Biosolids Type	Volume (Gallons)	Dry Weight (Tons)
3	11/08/24	Biosolids	900,000	124.97
2	11/09/24	Biosolids	900,000	123.47
1	11/10/24	Biosolids	1,200,000	179.64
6	11/11/24	Biosolids	2,200,000	300.91
5	11/12/24	Biosolids	2,200,000	313.75
Total			7,400,000	1,042.74

<sup>1</sup>All 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

