

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 24-05

HANOVER PARK WATER RECLAMATION PLANT

FISCHER FARM MONITORING REPORT FOR

FOURTH QUARTER 2023:

SPECIAL CONDITION 6

January 2024

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

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January 12, 2024

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 October,
November, and December 2023

This report contains the monitoring data for the Hanover Park Water Reclamation Plant (WRP) Fischer Farm site for October, November, and December 2023, 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 October 2023, 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 (2024), 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 October 2023 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
Mr. J. Patel, Manager, IEPA – Des Plaines
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

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**HANOVER PARK WATER RECLAMATION PLANT
FISCHER FARM MONITORING REPORT FOR
FOURTH QUARTER 2023:
SPECIAL CONDITION 6**

By

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TABLE 1: VOLUMES AND DRY WEIGHTS OF LIQUID BIOSOLIDS APPLIED TO FIELDS¹ DURING OCTOBER 2023 AT THE HANOVER PARK FISCHER FARM SITE

Field	Date	Biosolids Type	Volume (Gallons)	Dry Weight (Tons)
6	10/07/23	Biosolids	2,700,000	607.99
5	10/09/23	Biosolids	2,700,000	592.22
1	10/10/23	Biosolids	1,200,000	307.25
2	10/10/23	Biosolids	800,000	204.83
3	10/11/23	Biosolids	800,000	128.44
4	10/11/23	Biosolids	800,000	128.44
Total			9,000,000	1,969.17

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

