

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 21-07

HARLEM AVENUE SOLIDS MANAGEMENT AREA

MONITORING REPORT FOR

FOURTH QUARTER 2020

February 2021

Kari K. Steele
President
Barbara J. McGowan
Vice President
Marcelino Garcia
Chairman of Finance
Cameron Davis
Kimberly Du Buclet
Josina Morita
Eira L. Corral Sepúlveda
Debra Shore
Maryana T. Spyropoulos

Metropolitan Water Reclamation District of Greater Chicago

CECIL LUE-HING RESEARCH AND DEVELOPMENT COMPLEX
6001 WEST PERSHING ROAD CICERO, ILLINOIS 60804-4112

Edward W. Podczewski, P.E.

Director of Monitoring and Research

February 10, 2021

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: Harlem Avenue Solids Management Area - Stickney Water Reclamation Plant, Illinois Environmental Protection Agency Permit No. 2019-AO-63958, Monitoring Report for October, November, and December 2020

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for October, November, and December 2020 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2019-AO-63958. Biosolids were not placed in the solids drying area during October, November, or December 2020.

Table 1 Analysis of Water from Lysimeters L-1N1 Through L-3N at the Harlem Avenue Solids Management Area Sampled on November 17, 2020.

Very truly yours,



Albert E. Cox
Environmental Monitoring and Research Manager
Monitoring and Research Department

AC:BM:cm
Attachment
cc/att: Mr. J. Patel, IEPA/Records Unit, IEPA
Dr. H. Zhang

Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street Chicago, Illinois 60611-2803 312-751-5600

**HARLEM AVENUE SOLIDS MANAGEMENT AREA
MONITORING REPORT FOR
FOURTH QUARTER 2020**

Monitoring and Research Department
Edward W. Podczewinski, Director

February 2021

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1N1 THROUGH L-3N
 AT THE HARLEM AVENUE SOLIDS MANAGEMENT AREA SAMPLED
 ON NOVEMBER 17, 2020

Parameter	Lysimeter No.		
	L-1N1	L-2N	L-3N
pH	7.4	6.6	7.2
	----- mg L ⁻¹ -----		
Cl ⁻	79	24	129
SO ₄ ²⁻	129	1,654	348
NO ₂ ⁻ +NO ₃ ⁻ -N	3.7	9.3	<0.25