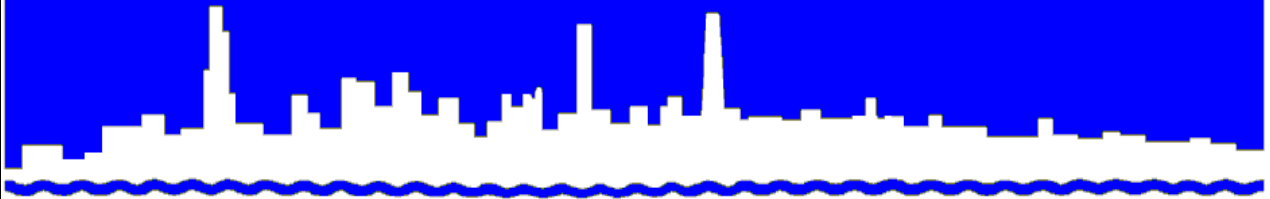


*Protecting Our Water Environment*



*Metropolitan Water Reclamation District of Greater Chicago*

***MONITORING AND RESEARCH  
DEPARTMENT***

*REPORT NO. 21-15*

*HARLEM AVENUE SOLIDS MANAGEMENT AREA*

*MONITORING REPORT FOR*

*FIRST QUARTER 2021*

*May 2021*

**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

May 13, 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 January, February, and March 2021

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for January, February, and March 2021, as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2019-AO-63958. Biosolids were not placed in the solids drying area during the first quarter of 2021.

Table 1 Analysis of Water From Lysimeters L-1N1 Through L-3N at the Harlem Avenue Solids Management Area Sampled in March 2021.

Very truly yours,



Albert E. Cox, Ph.D.  
Environmental Monitoring and Research Manager  
Monitoring and Research Department

AC:BM:cm  
Attachment

cc/att: Mr. J. Patel, IEPA  
Mr. T. Bennett, IEPA  
Mr. B. Fleming, 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  
FIRST QUARTER 2021**

**Monitoring and Research Department**  
**Edward W. Podczewinski, Director**

**May 2021**

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1N1 THROUGH L-3N  
 AT THE HARLEM AVENUE SOLIDS MANAGEMENT AREA SAMPLED  
 IN MARCH 2021<sup>1</sup>

Parameter	Lysimeter No.		
	L-1N1	L-2N	L-3N
pH	7.5	7.3	7.2
	----- mg L <sup>-1</sup> -----		
Cl <sup>-</sup>	43	27	136
SO <sub>4</sub> <sup>2-</sup>	72	1,805	364
NO <sub>2</sub> <sup>-</sup> +NO <sub>3</sub> <sup>-</sup> -N	1.01	3.03	<0.25

<sup>1</sup>Sampled on March 4, 2021.