

*Protecting Our Water Environment*



*Metropolitan Water Reclamation District of Greater Chicago*

***MONITORING AND RESEARCH  
DEPARTMENT***

*REPORT NO. 20-09*

*HARLEM AVENUE SOLIDS MANAGEMENT AREA*

*MONITORING REPORT FOR*

*FIRST QUARTER 2020*

*May 2020*

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**Edward W. Podczerwinski, P.E.**

Director of Monitoring and Research

May 20, 2020

Mr. Roger Callaway  
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 Mr. Callaway:

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 2020

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for January, February, and March 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 the first quarter of 2020.

Table 1 Analysis of Water from Lysimeters L-1N1 Through L-3N at the Harlem Avenue Solids Management Area Sampled in February, 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**  
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**HARLEM AVENUE SOLIDS MANAGEMENT AREA  
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FIRST QUARTER 2020**

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

**May 2020**

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1N1 THROUGH L-3N  
AT THE HARLEM AVENUE SOLIDS MANAGEMENT AREA SAMPLED  
IN FEBRUARY 2020

Parameter	Lysimeter No.		
	L-1N1	L-2N	L-3N <sup>1</sup>
pH	7.6	7.1	6.8
	----- mg L <sup>-1</sup> -----		
Cl <sup>-</sup>	86	27	141
SO <sub>4</sub> <sup>2-</sup>	79	1,704	365
NO <sub>2</sub> <sup>-</sup> +NO <sub>3</sub> <sup>-</sup> -N	1.20	20.19	<0.25

<sup>1</sup>Lysimeter L-3N was sampled on February 27. The others were sampled on February 19.