

*Protecting Our Water Environment*



*Metropolitan Water Reclamation District of Greater Chicago*

***MONITORING AND RESEARCH  
DEPARTMENT***

*REPORT NO. 20-05*

*HARLEM AVENUE SOLIDS MANAGEMENT AREA*

*MONITORING REPORT FOR*

*FOURTH QUARTER 2019*

*May 2020*

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**Edward W. Podczewski, P.E.**

Director of Monitoring and Research

May 21, 2020

Mr. Roger Callaway  
Illinois Environmental Protection Agency  
Bureau of Water  
DWPC Compliance Section #19  
1021 North Grand Avenue East  
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Dear Mr. Patel:

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 2019

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for October, November, and December 2019, 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 2019.

Table 1 Analysis of Water from Lysimeters L-1N1 Through L-3N at the Harlem Avenue Solids Management Area Sampled in November 2019.

Very truly yours,

*Albert Cox*

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

AC:BM:cm  
Attachments  
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  
MONITORING REPORT FOR  
FOURTH QUARTER 2019**

**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 NOVEMBER 2019

Parameter	Lysimeter No.		
	L-1N1	L-2N	L-3N <sup>1</sup>
pH	7.5	7.2	7.4
	----- mg L <sup>-1</sup> -----		
Cl <sup>-</sup>	79	24	139
SO <sub>4</sub> <sup>2-</sup>	124	1,686	369
NO <sub>2</sub> <sup>-</sup> +NO <sub>3</sub> <sup>-</sup> -N	3.60	22.1	<0.25

<sup>1</sup>Lysimeter L-3N was sampled on November 27. The others were sampled on November 14.