

*Protecting Our Water Environment*



*Metropolitan Water Reclamation District of Greater Chicago*

***MONITORING AND RESEARCH  
DEPARTMENT***

*REPORT NO. 18-12*

*HARLEM AVENUE SOLIDS MANAGEMENT AREA*

*MONITORING REPORT FOR*

*FIRST QUARTER 2018*

*May 2018*

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**Edward W. Podczewinski, P.E.**

Director of Monitoring and Research

May 18, 2018

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. 2014-AO-58836, Monitoring Report for January, February, and March 2018

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for January, February, and March 2018 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2014-AO-58836. No biosolids were placed in the solids drying area during January, February, or March.

Table 1 Analysis of Water from Lysimeters L-1N1 Through L-3N at the Harlem Solids Management Area Sampled on March 6, 2018.

Very truly yours,

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

AC:DB:cm

Attachments

cc/att: Mr. J. Patel, IEPA

Records Unit, IEPA

Dr. H. Zhang

Dr. G. Tian

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**HARLEM AVENUE SOLIDS MANAGEMENT AREA  
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FIRST QUARTER 2018**

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

**May 2018**

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1N1 THROUGH L-3N  
 AT THE HARLEM AVENUE SOLIDS MANAGEMENT AREA SAMPLED  
 ON MARCH 6, 2018

Parameter	Lysimeter No.		
	L-1N1	L-2N	L-3N
pH <sup>1</sup>	7.2	7.1	7.1
	----- mg L <sup>-1</sup> -----		
Cl <sup>-</sup>	91	31	138
SO <sub>4</sub> <sup>2-</sup>	38	1,735	368
NO <sub>2</sub> +NO <sub>3</sub> -N	<0.150	22	<0.150

<sup>1</sup>pH analyzed beyond recommended holding time of 15 minutes.