

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 19-31

HARLEM AVENUE SOLIDS MANAGEMENT AREA

MONITORING REPORT FOR

THIRD QUARTER 2019

November 2019

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Edward W. Podczerwinski, P.E.
Director of Monitoring and Research

November 8, 2019

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

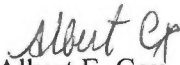
Dear Mr. Callaway:

Subject: Harlem Avenue Solids Management Area - Stickney Water Reclamation Plant, Illinois Environmental Protection Agency Permit No. 2019-AO-63958, Monitoring Report for July, August, and September 2019

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for July, August, and September 2019 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2019-AO-63958.

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

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

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**HARLEM AVENUE SOLIDS MANAGEMENT AREA
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THIRD QUARTER 2019**

Monitoring and Research Department
Edward W. Podczewinski, Director

November 2019

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1N1 THROUGH L-3N
 AT THE HARLEM AVENUE SOLIDS MANAGEMENT AREA SAMPLED
 IN AUGUST, 2019

Parameter	Lysimeter No.		
	L-1N1	L-2N ¹	L-3N
pH	7.1	7.1	7.2
	----- mg L ⁻¹ -----		
Cl ⁻	91	22	140
SO ₄ ²⁻	38	1,567	365
NO ₂ ⁻ +NO ₃ ⁻ -N	0.98	30.0	<0.25

¹Lysimeter L-2N was sampled on August 7. The others were sampled on August 14.