

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 20-23

HARLEM AVENUE SOLIDS MANAGEMENT AREA

MONITORING REPORT FOR

SECOND QUARTER 2020

July 2020

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Edward W. Podczerwinski, P.E.

Director of Monitoring and Research

July 30, 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 April, May, and June 2020

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for April, May, and June 2020, as required by Illinois Environmental Protection Agency Operating Permit No. 2019-AO-63958. Biosolids were placed in the solids drying area in May and June, and analytical results for pH, total solids, and volatile solids have been retained to be accessible for inspection.

Table 1 Analysis of Water from Lysimeters L-1N1 Through L-3N at the Harlem Avenue Solids Management Area Sampled on May 13, 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

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**HARLEM AVENUE SOLIDS MANAGEMENT AREA
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SECOND QUARTER 2020**

Monitoring and Research Department
Edward W. Podczewinski, Director

July 2020

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1N1 THROUGH L-3N
 AT THE HARLEM AVENUE SOLIDS MANAGEMENT AREA SAMPLED
 ON MAY 13, 2020

Parameter	Lysimeter No.		
	L-1N1	L-2N	L-3N
pH	7.1	7.2	7.3
	----- mg L ⁻¹ -----		
Cl ⁻	98	29	160
SO ₄ ²⁻	94	1,927	384
NO ₂ ⁻ +NO ₃ ⁻ -N	3.7	18	<0.25