

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***MONITORING AND RESEARCH
DEPARTMENT***

REPORT NO. 19-09

HARLEM AVENUE SOLIDS MANAGEMENT AREA

MONITORING REPORT FOR

FIRST QUARTER 2019

June 2019

Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street Chicago, Illinois 60611-2803 312-751-5600

**HARLEM AVENUE SOLIDS MANAGEMENT AREA
MONITORING REPORT FOR
FIRST QUARTER 2019**

Monitoring and Research Department
Edward W. Podczewinski, Director

June 2019

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Cameron Davis
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Marcelino Garcia
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Metropolitan Water Reclamation District of Greater Chicago

CECIL LUE-HING RESEARCH AND DEVELOPMENT COMPLEX
6001 WEST PERSHING ROAD CICERO, ILLINOIS 60804-4112

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

June 3, 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, IL 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 2019

The attached table contains the monitoring data for the Harlem Avenue Solids Management Area for January, February, and March 2019 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2019-AO-63958. 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 February 4, 2019.

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

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1N1 THROUGH L-3N
 AT THE HARLEM AVENUE SOLIDS MANAGEMENT AREA SAMPLED
 ON FEBRUARY 4, 2019

Parameter	Lysimeter No.		
	L-1N1	L-2N	L-3N
pH	8.0	7.0	7.5
	----- mg L ⁻¹ -----		
Cl ⁻	92	31	140
SO ₄ ²⁻	38	1,727	385
NO ₂ +NO ₃ -N	<0.250	13	0.35