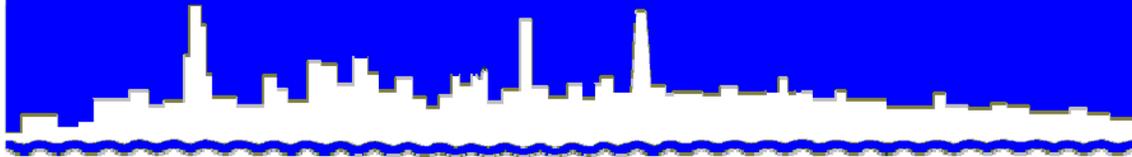


Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

*MONITORING AND RESEARCH
DEPARTMENT*

REPORT NO. 16-09

122nd AND STONY ISLAND AVENUE SOLIDS MANAGEMENT

AREA MONITORING REPORT FOR

FOURTH QUARTER 2015

February 2016

Protecting Our Water Environment

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THOMAS C. GRANATO, Ph.D., BCES

Director of Monitoring and Research

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February 23, 2016

Mr. S. Alan Keller, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794 - 9276

Dear Mr. Keller:

Subject: 122nd and Stony Island Avenue Solids Management Area - Stickney Water Reclamation Plant, Illinois Environmental Protection Agency Permit No. 2015-AO-59623, Monitoring Report for October, November, and December 2015

The attached table contains the monitoring data for the 122nd and Stony Island Avenue Solids Management Area for October, November, and December 2015 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2015-AO-59623.

No biosolids were placed in the solids drying area during October, November, and December 2015. The data reported are as follows:

Table 1 Analysis of Water from Lysimeters L-1 through L-4 at the 122nd and Stony Island Avenue Solids Management Area Sampled on December 2, 2015.

Very truly yours,

Thomas C. Granato, Ph.D., BCES
Director
Monitoring and Research

TCG:HZ:DB:cm

Attachment

cc/att: Mr. J. Patel, IEPA
Records Unit, IEPA
Dr. H. Zhang
Dr. A. Cox
Dr. L. Hundal
Dr. D. Brose

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1 THROUGH L-4 AT THE
 122nd AND STONY ISLAND AVENUE SOLIDS MANAGEMENT
 AREA SAMPLED ON DECEMBER 2, 2015

Parameter	Lysimeter No.			
	L-1	L-2	L-3	L-4
pH ¹	7.2	8.1	7.4	7.4
	----- mg L ⁻¹ -----			
Cl ⁻	184	425	102	226
SO ₄ ²⁻	371	57	55	12
NO ₂ +NO ₃ -N	<0.15	<0.15	<0.15	<0.15

¹pH analyzed beyond recommended holding time of 15 minutes.