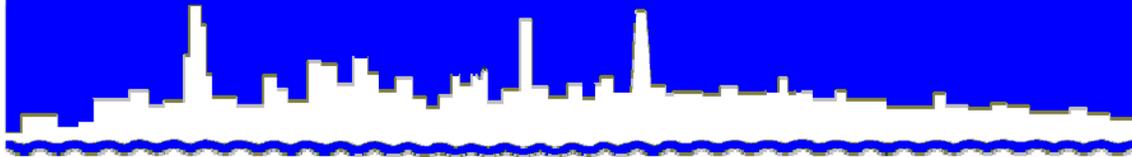


Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

*MONITORING AND RESEARCH
DEPARTMENT*

REPORT NO. 15-38

122nd AND STONY ISLAND AVENUE SOLIDS MANAGEMENT

AREA MONITORING REPORT FOR

THIRD QUARTER 2015

December 2015

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THOMAS C. GRANATO, Ph.D., BCES

Director of Monitoring and Research

November 23, 2015

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 July, August, and September 2015

The attached table contains the monitoring data for the 122nd and Stony Island Avenue Solids Management Area for July, August, and September 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 July, August, and September 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 September 9, 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 SEPTEMBER 9, 2015

Parameter	Lysimeter No.			
	L-1	L-2	L-3	L-4
pH ¹	7.1	7.6	7.0	7.3
	----- mg L ⁻¹ -----			
Cl ⁻	177	333	99	220
SO ₄ ²⁻	377	120	105	15
NO ₂ +NO ₃ -N	<0.15	0.40	<0.15	<0.15

¹pH analyzed beyond recommended holding time of 15 minutes.