

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

*MONITORING AND RESEARCH
DEPARTMENT*

REPORT NO. 15-4

122ND AND STONY ISLAND AVENUE SOLIDS MANAGEMENT

AREA MONITORING REPORT FOR

FOURTH QUARTER 2014

February 2015

Protecting Our Water Environment

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February 5, 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. 2010-AO-0267-1, Monitoring Report for October, November, and December 2014

The attached table contains the monitoring data for the 122nd and Stony Island Avenue Solids Management Area for October, November, and December 2014 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2010-AO-0267-1.

No biosolids were placed in the solids drying area during October, November, and December 2014. 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 October 22, 2014.

Very truly yours,

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

TCG:DB:cm

Attachment

cc w/att: Mr. J. Patel, IEPA
Records Unit, IEPA

TABLE 1: ANALYSIS OF WATER FROM LYSIMETERS L-1 THROUGH L-4 AT THE
122nd AND STONY ISLAND AVENUE SOLIDS MANAGEMENT
AREA SAMPLED ON OCTOBER 22, 2014

Parameter	Lysimeter No.			
	L-1	L-2	L-3	L-4
pH ¹	7.3	7.6	7.5	7.7
	----- mg L ⁻¹ -----			
Cl ⁻	201	395	102	229
SO ₄ ²⁻	399	594	220	41
NO ₂ +NO ₃ -N	0.26	< 0.15	< 0.15	0.21

¹pH analyzed beyond recommended holding time of 15 minutes.