

*Protecting Our Water Environment*



***Metropolitan Water Reclamation District of Greater Chicago***

*MONITORING AND RESEARCH  
DEPARTMENT*

***REPORT NO. 14-25***

***122<sup>ND</sup> AND STONY ISLAND AVENUE SOLIDS MANAGEMENT***

***AREA MONITORING REPORT FOR***

***SECOND QUARTER 2014***

***AUGUST 2014***

**Protecting Our Water Environment**

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August 13, 2014

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: 122<sup>nd</sup> and Stony Island Avenue Solids Management Area - Stickney Water Reclamation Plant, Illinois Environmental Protection Agency Permit No. 2010-AO-0267-1, Monitoring Report for April, May, and June 2014

The attached table contains the monitoring data for the 122<sup>nd</sup> and Stony Island Avenue Solids Management Area for April, May, and June 2014 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit No. 2010-AO-0267-1.

The data reported are as follows:

Table 1, Analysis of Water from Lysimeters L-1 through L-4 at the 122<sup>nd</sup> and Stony Island Avenue Solids Management Area Sampled on May 7, 2014.

No biosolids were placed in the solids drying area during April, May, and June 2014. Based on the requirements of the revised IEPA permit issued on January 27, 2014, and effective immediately, analysis of biosolids removed from this site will no longer be reported under this permit. The list of parameters for lysimeter samples has also been modified to include only pH, Cl<sup>-</sup>, SO<sub>4</sub><sup>2-</sup>, and NO<sub>2</sub>+NO<sub>3</sub>-N.

Very truly yours,

Thomas C. Granato, Ph.D.  
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  
 122<sup>ND</sup> AND STONY ISLAND AVENUE SOLIDS MANAGEMENT  
 AREA SAMPLED ON MAY 7, 2014

Parameter	Lysimeter No.			
	L-1	L-2	L-3	L-4
pH <sup>1</sup>	7.2	6.9	7.1	7.6
	----- mg L <sup>-1</sup> -----			
Cl <sup>-</sup>	210	466	86	243
SO <sub>4</sub> <sup>2-</sup>	258	1,090	440	8
NO <sub>2</sub> +NO <sub>3</sub> -N	< 0.15	< 0.15	< 0.15	< 0.15

<sup>1</sup>pH analyzed beyond recommended holding time of 15 minutes.