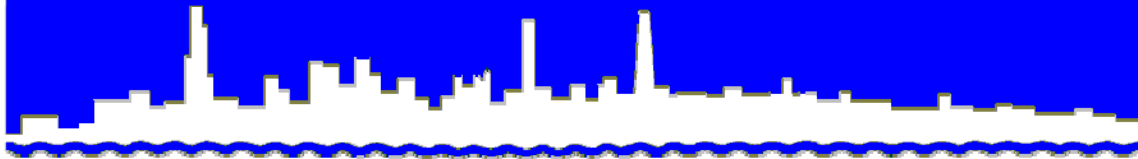


Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

*MONITORING AND RESEARCH
DEPARTMENT*

REPORT NO. 15-26

122nd AND STONY ISLAND AVENUE SOLIDS MANAGEMENT

AREA MONITORING REPORT FOR

SECOND QUARTER 2015

August 2015

Protecting Our Water Environment

BOARD OF COMMISSIONERS

Mariyana T. Spyropoulos
President
Barbara J. McGowan
Vice President
Frank Avila
Chairman of Finance
Michael A. Alvarez
Timothy Bradford
Cynthia M. Santos
Debra Shore
Kari K. Steele
Patrick D. Thompson

Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street Chicago, Illinois 60611-3154 f: 312.751.5194 312.751.5190

THOMAS C. GRANATO, Ph.D., BCES

Director of Monitoring and Research

August 24, 2015

thomas.granato@mwrdd.org

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 Nos. 2010-AO-0267-1 and 2015-AO-59623, Monitoring Report for April, May, and June 2015

The attached table contains the monitoring data for the 122nd and Stony Island Avenue Solids Management Area for April, May, and June 2015 as required by Illinois Environmental Protection Agency (IEPA) Operating Permit Nos. 2010-AO-0267-1 and 2015-AO-59623.

No biosolids were placed in the solids drying area during April, May, and June 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 June 3, 2015.

Very truly yours,

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

TCG:DB:cm

Attachment

cc/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 JUNE 3, 2015

Parameter	Lysimeter No.			
	L-1	L-2	L-3	L-4
pH ¹	7.0	7.2	7.2	7.4
	----- mg L ⁻¹ -----			
Cl ⁻	179	379	91	240
SO ₄ ²⁻	454	184	401	19
NO ₂ +NO ₃ -N	<0.15	<0.15	<0.15	<0.15

¹pH analyzed beyond recommended holding time of 15 minutes.