

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

***RESEARCH AND DEVELOPMENT
DEPARTMENT***

REPORT NO. 07-36

MONTHLY REPORT OF THE FULTON COUNTY

ENVIRONMENTAL PROTECTION SYSTEM

FEBRUARY 2007

MAY 2007

Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312-751-5600

Louis Kollias, P.E., BCEE
Director of Research and Development

May 31, 2007

312-751-5190

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: Metropolitan Water Reclamation District of Greater Chicago –
February 2007 Monthly Report of the Fulton County Environ-
mental Protection System**

This letter transmits information and data for the February 2007 monthly report of the Fulton County Environmental Protection System. No biosolids data are reported because supernatant and biosolids application was terminated in 1995 and 2004, respectively. Termination of monitoring of soil, crops, and surface water and groundwater sites was approved by the IEPA in September 2006.

During this month, no discharge was released from the runoff retention basin (3-1).

Lysimeters and drainage tiles at the reclaimed St. David coal refuse pile site, and lysimeters at Morgan Mine (Big Ten) and the United Electric coal refuse pile sites were not sampled during the month.

Subject: Metropolitan Water Reclamation District of Greater Chicago – February 2007 Monthly Report of the Fulton County Environmental Protection System

The daily climatological observations for February 2007 are summarized in Table 1. Total precipitation for the month was 2.66 inches.

Very truly yours,

Louis Kollias
Director
Research and Development

LK:GT:spy
Attachment
cc w/enc.:

Mr. Valdis Aistars, USEPA Region V
Mr. Ash Sajjad, USEPA Region V
Mr. Matthew Williams, USEPA Region V
IEPA Permit Section, Springfield
IEPA Surveillance Section, Peoria
Chairman of the Fulton County Board
Fulton County Board of Health
Fulton County Zoning Office
Mr. Sobanski
Drs.: Granato
O'Connor
Cox

Library
cc wo/enc.: Messrs.: Jamjun
Quintanilla
Ryzak

TABLE 1: RECORD OF CLIMATOLOGICAL OBSERVATIONS FOR FEBRUARY 2007,
 FULTON COUNTY, ILLINOIS, STATION SEQ, SEC.10, R3E, T6N

Date	Temperature °C			Precipitation		Wind		
	Max	Min	Avg	rain, melted snow	snow, sleet, hail	m/S	m/S	Dir
				(inches & hundredths)	(inches & tenths)	Avg	Max	
1	-0.6	-13.3	-6.1	0.03	0.3	2.8	8.0	SSW
2	-8.0	-16.9	-12.2	0.00		5.3	14.8	S
3	-9.4	-19.1	-13.5	0.00		5.9	16.5	WSW
4	-9.2	-21.0	-16.2	0.00		3.6	13.4	W
5	-9.7	-22.3	-16.9	0.00		1.3	6.7	W
6	-8.6	-15.9	-13.1	0.30	4.0	3.0	8.5	NE
7	-8.0	-18.1	-13.1	0.00		2.6	8.0	W
8	-7.3	-17.9	-12.5	0.00		3.5	8.5	W
9	-5.2	-14.2	-10.4	0.00		3.1	9.4	W
10	-6.3	-17.4	-12.1	0.00		2.4	9.8	W
11	4.7	-10.9	-3.8	0.03		1.7	6.3	SSE
12	3.4	-2.8	-0.4	0.00		2.7	10.7	NE
13	-0.9	-10.2	-4.7	0.75	7.0	5.9	15.6	N
14	-3.5	-15.8	-10.6	0.00		2.9	8.9	NW
15	-6.6	-20.5	-14.4	0.00		2.4	9.4	W
16	-5.2	-22.6	-12.7	0.00		3.4	11.6	SE
17	-0.4	-8.6	-5.0	0.20	2.0	4.4	13.4	W
18	6.5	-11.1	-5.8	0.04		2.9	8.5	WSW
19	11.1	-8.4	2.4	0.03		4.4	17.4	S
20	11.3	-3.2	2.5	0.00		1.0	4.9	WNW
21	11.7	-4.2	3.6	0.00		1.9	10.7	SSE
22	7.9	-2.0	3.1	0.00		4.5	13.4	W
23	3.1	-2.9	0.0	0.00		4.7	13.0	NE
24	3.8	-1.7	-0.1	0.77		5.6	15.6	NE
25	4.3	-0.9	1.5	0.43		6.0	16.5	SSW
26	2.6	-3.9	-0.9	0.00		4.6	13.9	WSW
27	4.1	-4.4	-1.5	0.00		1.1	6.3	W
28	3.0	-2.3	0.0	0.08		4.4	12.1	NE
Sum				2.66	13.3	Observer: Josh DeWees Station: R&D Lab		
Avg	-0.4	-11.2	-6.2					
Extreme	11.7	-22.6		0.77	7.0			

*N/A=Not available.