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VIA ELECTRONIC CORRESPONDENCE

April 24, 2014

CCN: 58322
File No: 8DC.20.32

Chief, Clean Water Enforcement Branch
Water Protection Division
ATTN: Brad Ammons
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
ammons.brad@epa.gov

Florida Department of Environmental Protection
Southeast District – Suite 200
400 N. Congress Ave.
West Palm Beach, FL 33401
Attn: Compliance/Enforcement Section
Sed.wastewater@dep.state.fl.us

**RE: Consent Decree (Case: No. 1:12-cv-24400-FAM), Reference DOJ Case No. 90-5-1-1-4022/1
Section IX – Reporting Requirements, Paragraph 32 – Quarterly Reports**

Dear Mr. Ammons:

In accordance with the provisions of Paragraph 32 of the above referenced Consent Decree, on behalf of Miami-Dade County, the Miami-Dade Water and Sewer Department (MDWASD) submits to both the United States Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) the first Quarterly Report, covering the period of time from January 1, 2014, through March 31, 2014.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions regarding this matter, please call me at (786) 552-8571.

Sincerely,

Juan Carlos Arteaga, AIA, NCARB, CBO, APA
Deputy Director

Attachment: Quarterly Report



Mr. Brad Ammons
Paragraph 32, Quarterly Reports
April 24, 2014
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ec: Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044-7611
Re: DOJ No. 90-5-1-1-4022/1
walter.benjamin.fisherow@usdoj.gov

Rachael Amy Kamons
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Director, Miami-Dade Regulatory and
Economic Resources
HeftyL@miamidade.gov



Quarterly Report No. 1

January 1, 2014 through March 31, 2014

Prepared for

**United States Environmental Protection Agency and
Florida Department of Environmental Protection**

Consent Decree
Case: No. 1:12-cv-24400-FAM

Prepared by

Miami-Dade Water and Sewer Department

Quarterly Report of Sanitary Sewer Overflows (SSOs)

Purpose

On April 9, 2014, Miami-Dade County entered into a Consent Decree (CD) with the United States of America, the State of Florida Department of Environmental Protection, and the State of Florida. The Date of Lodging is June 6, 2013, and the Effective Date is December 6, 2013 for this CD. This document satisfies the Consent Decree Section IX, Paragraph 32 requirement for submittal of the first Quarterly Report, required by May 1, 2014.

Requirements

Section IX, Paragraph 32 of the CD states: "Beginning one (1) month after the first Calendar Quarter following the Effective Date of this Consent Decree, and one (1) month after each Calendar Quarter thereafter until termination of the Consent Decree, Miami-Dade shall submit to EPA and FDEP for review and comment a Quarterly Report. Such Quarterly Report shall include the date, time, location, source, estimated duration, estimated volume, receiving water (if any) and cause of all SSOs occurring in the previous Calendar Quarter." Section IV, Paragraph 8(ii) of the CD defines an SSO as any discharge of wastewater to waters of the United States or the State from Miami-Dade's Wastewater Collection and Transmission System (WCTS) through a point source not permitted in any NPDES permit, as well as any overflow, spill, or release of wastewater to public or private property from the WCTS that may not have reached waters of the United States or the State, including all Building Backups – wastewater backups or releases caused by blockages, flow conditions or other malfunctions of a Private Lateral are not considered as Building Backups.

SSO Events

The table on the next page documents all SSO events for the first calendar quarter of 2014. There were a total of 25 SSO events. Nine (9) events involved force mains, nine (9) events involved gravity mains, two (2) events involved pump stations, four (4) events involved automatic air release valves, and there was one building backup. Only one (1) of the SSOs went to waters of the United States. The following addresses acronyms and abbreviations used in the table.

FM	Force Main	PS	Pump Station
GM	Gravity Main	ARV	Manual Air Release Valve
LAT	Lateral	AARV	Automatic Air Release Valve

Miami-Dade owns and operates one of the largest public utilities in the United States, providing water and wastewater to a population of over 2 million with 336,000 retail sewer accounts as well as fifteen (15) Volume Sewer Customers and numerous private collection systems. Its sewer service area is divided into North, Central, and South Districts, each served by separate wastewater treatment facilities. The three regional treatment plants have a total permitted capacity of 375.5 million gallons per day (MGD), annual average daily flow. The WCTS consists of approximately 1,035 Pump Stations, roughly 910 miles of Force Mains and approximately 3,071 miles of Gravity Sewer interceptors, Gravity Sewers and siphons; additionally, Miami-Dade is responsible for an estimated 2,241 miles of public laterals, for a total collection and transmission system of more than 6,200 miles.

QUARTERLY REPORT OF SANITARY SEWER OVERFLOW EVENTS for the First Calendar Quarter of 2014

Date	Time	Location	Source	Est. Duration hr:min:sec	Est. Volume gallons	Destination	Waters of the U.S.	Cause
1/4/2014	7:49 PM	SW 156th St & Old Dixie Hwy	FM	3:41:00	650,000	Canal 100	Yes	10" AC FM broken due to corrosion. 840' from canal
1/4/2014	12:41 PM	Saint Lo Blvd & Rabual Rd	FM	1:49:00	468	Land	No	8" AC FM broken by contractor (Roland Enterprise) while removing shrubbery - no location provided - limited asbuilts for HAFB acquired system
1/8/2014	10:20 AM	1 Saint Lo Blvd - 1200' S of SW 288 St, E side	FM	0:50:00	55	Land	No	Leaking coupling (installed for repair 4 days ago) on 8" AC force main.
1/16/2014	10:00 AM	4300 NW 203rd Ter - Miami Gardens	FM	0:50:00	20	Land	No	Leaking AC force main from small crack - differential loading
1/18/2014	12:05 PM	6245 SW Kendale Lakes Circle	GM	1:25:00	60	Storm Drain	No	Gravity main blockage due to grease
1/20/2014	8:47 PM	SW 151st Lane & SW 139th Ave	GM	2:03:00	25	Storm Drain	No	Gravity main blockage
1/26/2014	12:15 PM	10389 SW 88th St	GM	3:00:00	60	Storm Drain	No	Gravity main blockage due to grease and debris
1/28/2014	2:42 PM	19031 NW 45th Ave - Miami Gardens	AARV	0:38:00	5	Land	No	Leaking/clogged automatic air release valve
1/30/2014	11:10 AM	NW 169th St & NW 87th Ave	FM	5:05:00	625,500	Land	No	12" dip force main broken by Contractor (Acosta Tractors)
2/4/2014	6:05 PM	SW 62nd St & SW 102nd Ave	FM	1:55:00	300	Land	No	Contractor installing oak trees broke 4" AC force main and used 4" rubber couplings to repair
2/18/2014	7:01 PM	4740 NW 7th Ave	LAT	3:27:00	400	Land	No	Building Backup caused by gravity main grease blockage
2/19/2014	12:00 PM	7301 NW 186th St	PS	0:42:00	200	Land	No	Pump Station 461 malfunction
3/2/2014	1:08 PM	7994 NW 114th Pl - Doral	AARV	2:37:00	100	Storm Drain	No	Clogged automatic air release valve
3/4/2014	8:10 AM	11341 SW 124th St	GM	1:10:00	10	Storm Drain	No	Gravity main blockage due to rags
3/4/2014	11:28 AM	6499 NW 110th Ave	PS	0:12:00	50	Land	No	Leaking 6" check valve at PS 94
3/7/2014	3:40 PM	NW 17th St & NW 7th Ave	GM	0:30:00	15	Storm Drain	No	Gravity main blockage due to debris
3/10/2014	11:20 AM	14041 Lake Saranac	AARV	1:40:00	10	Land	No	Leaking/Clogged automatic air release valve
3/11/2014	5:00 PM	NW 70th St & NW 72nd Ave	FM	24:30:00	3,000	Land	No	48" PCCP Force main broken by contractor - probably 2 years ago
3/17/2014	1:45 PM	18917 SW 360th St	FM	2:15:00	17,940	Land	No	8" ac force main broken by WASD Water Distribution while installing a fire hydrant
3/18/2014	6:57 AM	SW 104th Pl & SW 16th St	FM	3:48:00	130,000	Storm Drain	No	Broken/Split 8" PVC C-900 force main
3/19/2014	11:00 AM	NE 207 St & NE 31st Ct	AARV	0:35:00	90	Storm Drain	No	Broken automatic air release valve - ball valve on riser
3/20/2014	11:00 AM	9500 NW 12th St	GM	9:00:00	50	Storm Drain	No	Gravity main blockage due to grease
3/22/2014	2:30 PM	10469 SW 216th St	GM	1:15:00	2	Storm Drain	No	Gravity main blockage due to grease
3/25/2014	6:04 PM	16850 Collins Ave	GM	2:26:00	10	Land	No	Gravity main blockage due to grease
3/29/2014	9:40 AM	7905 SW 104th St	GM	1:35:00	10	Land	No	Gravity main blockage due to grease