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VIA ELECTRONIC CORRESPONDENCE

October 28, 2015

CCN: 59826
File No: 8.DC.20.32

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

Chief, Clean Water Enforcement Branch
Water Protection Division
Attn: Brad Ammons
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Florida Department of Environmental Protection
Southeast District – Suite 200
400 N. Congress Ave.
West Palm Beach, FL 33401
Attn: Compliance/Enforcement Section
Diane.Pupa@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 – 2015
Quarterly Report No. 3**

Dear Sir/Madam:

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 (WASD) submits to both the United States Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) the 2015 Quarterly Report No. 3. The 2015 Quarterly Report No. 3 covers the period of time from July 1, 2015 through September 30, 2015.

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) 552-8120.

Sincerely,



Bertha M. Goldenberg, P.E., LEED® Green Associate
Assistant Director, Regulatory Compliance and Planning

Attachment: 2015 Quarterly Report No. 3

ec: Jonathan A. Glogau
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2015 Quarterly Report No. 3

July 1, 2015 through September 30, 2015

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 County, Miami-Dade Water and Sewer Department and
the
Consent Decree Program Management Construction Management
Team**

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2015 Quarterly Report No. 3

1.0 Purpose

On April 9, 2014, Miami-Dade County entered into a Consent Decree (CD) with the United States of America (United States), the State of Florida Department of Environmental Protection, and the State of Florida. The Consent Decree was lodged on June 6, 2013, and became effective on December 6, 2013. This document satisfies the requirements of Section IX, Paragraph 32 for submittal of the 2015 Quarterly Report No. 3 on or before October 30, 2015.

2.0 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."

3.0 Sanitary Sewer Overflow Events

This quarterly report contains additional information on how the Sanitary Sewer Overflow (SSO) was resolved, including the immediate fix and any proposed long term solution. While not specifically required by the Consent Decree, EPA has requested that the County provide this additional information to aid them in preparing the United States' Semi-Annual Status Report to the United States District Court, Southern District of Florida, Miami Division.

3.1 SSOs (Excluding Building Backups)

Table 1 documents all SSO events (excluding Building Backups) for the third calendar quarter of 2015. There were a total of eighteen (18) SSO events:

- Eleven (11) events involved gravity mains
- Four (4) events involved force mains
- Two (2) events involved automatic or manual air release valves
- One (1) event involved a pump station

Only three (3) of the SSO events discharged to waters of the United States.

3.2 Building Backups

The County follows standard procedures to resolve and minimize the occurrence of Building Backups. These procedures have been re-evaluated in the development of the new CMOM Program Sewer Overflow Response Plan (SORP) required by the current Consent Decree. The SORP was submitted by the County to EPA/FDEP on July 6, 2015. Once the proposed SORP

procedures have been reviewed and approved by the EPA and FDEP, WASD will implement these procedures.

Presently, the Department's procedures for the response to, and the reporting and documenting of Building Backups are different from those of SSOs within the Department's Wastewater Collection and Transmission System (WCTS). Additionally, the "Time" and "Duration" parameters are seldom characteristically the same between the two types of SSO events. For these reasons, Building Backups have been included in a separate table and the "N/A" designation has been used for some "Time" and "Duration" entries. Building Backup information is shown in Table 2.

4.0 Abbreviations/Acronyms

The following acronyms and abbreviations are used in the tables.

FM	Force Main	ARV	Manual Air Release Valve
GM	Gravity Main	AARV	Automatic Air Release Valve
LAT	Lateral	DIP	Ductile Iron Pipe
PS	Pump Station	CIP	Cast Iron Pipe
		AC	Asbestos Cement

5.0 Amendment to Last Quarterly Report

No amendments are required at this time.

Table 1 - Sanitary Sewer Overflows (Excluding Building Backups)

Date	Time	Location	Source	Est. Duration hr:min	Est. Volume gallons	Destination	Waters of the U.S.	Cause	Immediate Fix	Long Term Fix	
										Req'd (Yes/No)	Solution
03-Jul-15	8:04 PM	13170 SW 17 Terrace	GM	0:41	10	Storm drain	No	Gravity main blockage due to grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	Yes	Shorten the frequency of existing accelerated cleaning cycle
10-Jul-15	12:03 PM	3320 NW 11 Place	GM	0:42	4	Storm drain	No	Gravity main blockage due to grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	Yes	Placed on an accelerated cleaning cycle
11-Jul-15	4:16 PM	200 SW 8 Street	GM	1:51	6	Storm drain	No	Gravity main blocked due to debris (plumber's test ball in main line)	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	No	No further action required
12-Jul-15	12:06 PM	NE 77 Street & NE 5 Avenue	PS	2:35	468	Canal	Yes	12" CIP broken due to corrosion	Repaired discharge pipe broken due to corrosion	Yes	Remaining discharge pipes at PS are recommended for replacement
20-Jul-15	9:30 AM	15203 SW 142 Avenue	ARV	1:30	2610	Storm drain	No	Broken ARV due to improper fill material	Replaced ARV	No	No further action required
23-Jul-15	8:29 AM	SW 268 Street & SW 107 Avenue	AARV	0:16	30	Princeton Canal	Yes	AARV clogged with grease	Replaced AARV	Yes	Adequate/safe equipment to access aerial crossings will be provided
24-Jul-15	11:30 AM	14901 SW 80 Street	GM	0:25	20	Storm drain	No	Gravity main blockage due to grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	No	No further action required
24-Jul-15	2:40 PM	12085 W Dixie Highway	FM	3:50	50	Canal	Yes	Force main broken due to corrosion (sludge line)	Repaired force main broken due to corrosion	Yes	Flow diverted until replacement is completed. Construction is ongoing
06-Aug-15	10:30 AM	SW 146 Avenue & SW 110 Street	GM	0:45	30	Land	No	Gravity main blocked due to debris and grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	Yes	Placed on an accelerated cleaning cycle
09-Aug-15	1:30 PM	3122 NW 32 Street	FM	1:55	7800	Storm drain	No	Force main broken due to point loading	Repaired force main broken due to point loading	No	No further action required

Table 1 - Sanitary Sewer Overflows (Excluding Building Backups)

Date	Time	Location	Source	Est. Duration hr:min	Est. Volume gallons	Destination	Waters of the U.S.	Cause	Immediate Fix	Long Term Fix	
										Req'd (Yes/No)	Solution
16-Aug-15	5:15 PM	8888 SW 136 Street	GM	1:45	30	Storm drain	No	Gravity main blockage due to grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	Yes	Expanded scope of existing accelerated cleaning cycle
22-Aug-15	4:55 PM	8888 SW 136 Street	GM	1:25	100	Storm drain	No	Gravity main blockage due to grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	Yes	Expanded scope of existing accelerated cleaning cycle
23-Aug-15	3:28 PM	8800 SW 136 Street	GM	2:22	30	Storm drain	No	Gravity main blockage due to grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	Yes	Expanded scope of existing accelerated cleaning cycle
25-Aug-15	9:25 AM	11200 NW 74 Street	FM	0:35	7810	Land	No	Force main broken by contractor (CGC)	Repaired force main broken by contractor	No	No further action required
15-Sep-15	12:14 PM	2900 NW 10 Avenue	GM	0:46	5	Land	No	Gravity main blockage due to grease	Cleared gravity main blockage due to grease and notified local regulatory agency (RER-DERM)	Yes	Placed on an accelerated cleaning cycle
22-Sep-15	9:30 AM	SW 8 Street & SW 2 Avenue	GM	1:15	100	Storm drain	No	Contractor's failure to monitor installed plug in manhole	Cleared gravity main blockage due to plug in the manhole and notified local regulatory agency (RER-DERM)	No	No further action required
29-Sep-15	11:04 AM	2800 SW 37 Avenue	FM	1:41	923	Storm drain	No	36" DIP force main broken due to longitudinal stress crack due to unknown stress causes	Temporarily repaired force main	Yes	Pending permanent repair when a shut down can be coordinated with University of Miami and City of Coral Gables
30-Sep-15	2:40 PM	11355 SW 84 Street	GM	0:30	8	Land	No	Gravity main blockage due a combination of wipes, gloves and pump station surcharge conditions	Cleared gravity main blockage and notified local regulatory agency (RER-DERM)	No	No further action required

Table 2 - Building Backups

Date	Time	Location	Source	Est. Duration hr:min	Est. Volume gallons	Destination	Waters of the U.S.	Cause	Immediate Fix	Long Term Fix	
										Req'd (Yes/No)	Solution
15-Jul-15	N/A	1367 NW 17th Street	LAT	N/A	5	Bldg. Backup	No	Building backup in resident's bathroom caused by WASH maintenance crew cleaning nearby sewer main	WASH vendor cleaned and sanitized affected bathrooms	No	No further action required
15-Aug-15	N/A	960 Westward Drive	LAT	N/A	10	Bldg. Backup	No	Building backup caused by WASH rerouting nearby sewer main	WASH vendor cleaned and sanitized affected bathrooms	No	No further action required
23-Aug-15	N/A	13858 SW 22nd Street	LAT	N/A	1	Bldg. Backup	No	WASH lateral damaged by contractor	WASH repaired broken lateral	No	No further action required
10-Sep-15	N/A	9340 SW 106th Court	LAT	N/A	2	Bldg. Backup	No	Turbulent splash from resident's bathroom caused by WASH maintenance crew cleaning nearby sewer main	WASH vendor cleaned and sanitized affected bathrooms	No	No further action required
11-Sep-15	N/A	237 Golden Beach Drive	LAT	N/A	1	Bldg. Backup	No	Turbulent splash from resident's bathroom caused by WASH maintenance crew cleaning nearby sewer main	WASH vendor cleaned and sanitized affected bathrooms	No	No further action required