



TENNESSEE

JIM STRICKLAND
MAYOR

DIVISION OF PUBLIC WORKS
ENVIRONMENTAL ENGINEERING

July 28, 2017

Mr. Brad Ammons email: ammons.brad.epamail.epa.gov
USEPA
Chief, Clean Water Enforcement Branch
Water Protection Division
61 Forsyth Street, N.W.
Atlanta, Georgia 30303

Ms. Tisha Calabrese-Benton email: Tisha.calabrese@tn.gov
TDEC
Director, Division of Water Resources
Division of Water Resources
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

RE: Consent Decree for City of Memphis WCTS
Civil Action No. 2:10-cv-02083-SHM-dvk
Second Quarter 2017 Report

Mr. Ammons and Ms. Calabrese-Benton:

Enclosed please find a copy of the Quarterly Report for the time period of April 1 through June 30, 2017 for the referenced project. Also, a disc copy and paper copy will be forwarded to both of you via Federal Express. A copy of the report will be submitted to the PDR by next Friday (August 4).

If you have any questions, please do not hesitate to contact me.

Sincerely,

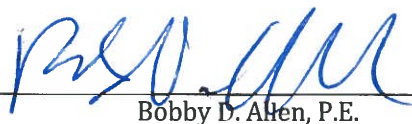
Bobby D. Allen, P.E.
Administrator, Environmental Construction
Public Works
City of Memphis

cc: Paul Patterson
Gary Cohen
Scott McAmis

City of Memphis

Quarterly Report April 1 through June 30, 2017

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.


Bobby D. Allen, P.E.


Date

Quarterly Report

Second Quarter 2017

On September 20, 2012, the United States District Court for the Western District of Tennessee entered a Consent Decree between the City of Memphis and the United States, the State of Tennessee, and the Tennessee Clean Water Network.

To fulfill the reporting requirements defined in Section VIII.24 of the Consent Decree, the City of Memphis has prepared this Quarterly Report, which summarizes all SSO events occurring from April 1, 2017, through June 30, 2017. The table included in this report provides the date, time, location, source, estimated duration, estimated volume, receiving water (if any), and cause of the SSO event. An "SSO event" means the total time period SSOs occur at the same location and due to the same cause(s).

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
9037 FREEMAN OAKS COVE	4/11/17 6:49:00 AM 4/11/17 8:36:00 PM	GREASE/ROOTS	3420 3420 Total: 6840	ML	5.4 3.6		*
3910 STUART	4/4/17 7:09 AM	GREASE	5700	ML	0.8		**
864 WOODLAND AVE	4/6/17 12:21 PM	GREASE	3600	ML	1.5		**
5014 APPLE WHITE LN	4/7/17 8:13 PM	GREASE/RAGS	3000	ML	1.6		*
4340 ELYSIAN	4/13/17 12:16 PM	GREASE	7500	ML	1.8		*
8672 RIVER HOLLOW DR	4/14/17 5:20 PM	GREASE/SAND/DEBRIS	10200	ML	3.3		*
9295 MILLERS GLEN LN	4/15/17 11:10 AM	GREASE/RAGS	4820	ML	2.8		*
2560 KIRBY WHITTEN RD	4/22/17 9:42:00 AM 4/22/17 4:27:00 PM 4/23/2017 7:35:00 AM	GREASE/RAGS	1740 1920 1500 Total: 5160	ML	2.4 2.3 1.9		
35 CHICKASAW CV †	4/22/17 5:00 PM	FLOODED	1620	ML	2		**
2404 E END ROW	4/23/17 12:14 PM	GREASE/PAPER	420	ML	1		*
6719 GARDEN OAKS DR	4/23/17 9:46 PM	GREASE/RAGS	2910	ML	7		*
7011 MILLICENT CT	4/24/17 12:58 PM	GREASE/RAGS	5700	ML	1.5		*
6314 E SHADY GROVE RD	4/26/17 7:34 AM	GREASE/RAGS	660	ML	1.5		*
1298 SEMMES ST	4/26/17 10:42 AM	GREASE/RAGS	660	ML	1.1	Unnamed Tributary to Nonconnah Creek	Yes
35 CHICKASAW CV †	4/27/17 10:15 PM	FLOODED	810	ML	3		**
1560 MAPLEWOOD ST	4/30/17 6:33 PM	GREASE	7680	ML	6.7		*
JACKSON & MANASSAS	4/30/17 10:08 PM	GREASE	5680	ML	6.8		*
35 CHICKASAW CV †	4/30/17 10:25 AM	FLOODED	4040	ML	5		**
640 VANCE AVE	5/3/17 9:54 AM	GREASE	500	ML	1.7		*
CHELSEA & WATKINS**	5/9/17 10:13:00 AM 5/9/17 10:13:00 AM	FLOODED	15300 15300 Total: 30600	M/H	1.5 1.5		**
265 UNION AVE	5/11/17 8:10 AM	GREASE	480	ML	1.6		*
SUMMER & WHITE STATION	5/15/17 11:35 AM	GRAVEL/SAND	1530	ML	1.2	White Station Creek	Yes
101 N MCLEAN BLVD	5/16/17 2:08 PM	GREASE	840	ML	1.5		*
357 S PARKWAY E	5/17/17 7:13 AM	GREASE/ROOTS	1080	ML	1.3		*
HOLMES & LAMAR	5/19/17 7:25 AM	STOPPAGE	6000	ML	4.1		*
CHELSEA & WATKINS**	5/24/17 1:30:00 PM 5/24/17 2:33:00 PM	FLOODED	15900 15900 Total: 31800	M/H	26.5 26.5		**
1500 LEVEE***	5/24/17 2:40 PM	FLOODED	13650	M/H	22.8		**
35 CHICKASAW CV †	5/29/17 7:05 AM	FLOODED	1620	ML	3		**
1254 BIG ORANGE	5/29/17 10:30 PM	BROKE DOWN	72000	ML	12.5	Unnamed Tributary to Cypress Creek	Yes
3114 BAYVIEW DR	5/30/17 9:17 AM	BROKE DOWN	2850	ML	4.7	Unnamed Tributary to Sky Lake	Yes
4854 BERTA RD	5/30/17 10:37 AM	GREASE/RAGS	1800	ML	2.8		**
WO010162	5/31/17 12:45 PM	FLOODED	840000	M/H	139.8		**
2080 WOODFIELD PARK RD	6/3/17 11:06 AM	GREASE/RAGS	1740	ML	1.5		*
4933 YALE RD	6/3/17 2:07 PM	GREASE	1230	ML	2.7		*
5955 SOUTHAMPTON DR	6/5/17 12:44 PM	GREASE	4680	ML	4.3		**
770 CHILLIGAN DR	6/13/17 8:35 AM	GREASE	630	ML	1.5		*
2309 E WARREN COVE	6/13/17 12:26 PM	GREASE/PAPER	660	ML	2.1		*
1051 DORA COVE	6/15/17 9:51 AM	GREASE/SAND/DEBRIS	3680	ML	3.8		*
1532 E SHELBY DR	6/17/17 7:15 AM	GREASE	3000	ML	1.1		*
611 MCWHIRTER	6/22/17 12:12 PM	GREASE/RAGS	1020	ML	0.9		*
35 CHICKASAW CV †	6/23/17 7:30 AM	FLOODED	41000	ML	4		**
888 S WHITE STATION RD	6/28/17 2:29 PM	GREASE/PAPER	1050	4 AND 6	0.9		*

* These overflows are believed to have reached a storm sewer inlet. If the overflow, in fact, reached a storm sewer inlet, it is not believed that the overflow may have reached a Waters of the U.S. or the State. We are, however, unable to determine that any of these overflows actually reached the Waters of the U.S. or the State.

** These overflows are believed to have reached a storm sewer inlet. If the overflow, in fact, reached a storm sewer inlet, it is further believed that the overflow may have reached a Waters of the U.S. or the State. We are, however, unable to determine that any of these overflows actually reached the Waters of the U.S. or the State.

*** A manhole overflowed due to the high river stage. During the events at Chelsea and Watkins, two adjacent manholes overflowed at the same time. A letter was sent to TDEC on 5/12/2017. In addition, based on recorded flow metering data, we believe that discharges occurred at this location on 10/14/16, 1/28/16, 12/17/16, 1/27/17, and 3/7/17 due to the same underlying cause (i.e., a historical constructed overflow to relieve surcharging and avoid basement backups). Also, a flow meter installed on N Claybrook St. recorded overflows on 5/25/16, 7/4/16, 7/28/16, and 7/29/16 at that location - similarly due to the historical constructed overflow to relieve surcharging and avoid basement backups. In addition to these overflows identified through flow metering at these two locations, it is suspected that there potentially could have been other overflows in the past. We have no data to verify whether these potential overflows occurred.