

City of Memphis

Quarterly Report July 1 through September 30, 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.



Bobby D. Allen, P.E.



Date

Quarterly Report

Third Quarter 2014

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 July 1 through September 30, 2014. 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).

Also included in this report is an update on the Color Study of the Stiles Wastewater Treatment Plant effluent.

1. Color Study

The University of Memphis, through their contract with the City, has continued implementing the TDEC-approved color study during this reporting period. The data from the third Mechanical Turk survey were analyzed to determine an appropriate statistical method to link decisions on color change to Platinum-Cobalt color units measured from water samples. The Initial Study Results report was submitted to TDEC on August 29, 2014. Additionally, a meeting with TDEC was held during the reporting period to discuss the preliminary results of the Color Study.

City of Memphis - Sanitary Sewer Overflow Report
 July 1 through September 30, 2014

* Source Definitions: C/O - Cleanout, M/H - Manhole, M/L - Main Line

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)
1867 FOSTER AVE	7/1/2014 9:31	FLOODED	200	M/L	2.1	
335 RIVER VIEW RD	7/2/2014 15:50	GREASE/RAGS	960	M/L	1.6	Unnamed Trib to Wolf River
1006 WEAVER COVE	7/6/2014 13:07	GREASE	960	M/L	1.6	Unnamed Trib to Cypress Creek to Nonconnah
173 N WILLETT ST	7/6/2014 17:44	GREASE	15,700	M/L	2.2	
6296 LAKE VIEW TRAIL	7/7/2014 11:30	GREASE	900	M/L	1.6	Unnamed Trib to Nonconnah
4258 CARY HILL DR	7/7/2014 21:38	GREASE/RAGS	3,540	M/L	11.8	Unnamed Trib to Johns Creek to Nonconnah
2850 ARLINGTON AVE	7/9/2014 9:15	BROKE DOWN	1,500	M/L	2.5	Unnamed Trib to Nonconnah
7132 BLUE GROUSE CV	7/9/2014 9:59	GREASE/RAGS	900	M/L	1.6	Unnamed Trib to Nonconnah
536 HEWLETT RD	7/9/2014 14:08	GREASE	840	M/L	1.4	Unnamed Trib to Hornlake to Mississippi River
703 N EVERGREEN ST	7/11/2014 0:00	FLOODED	200	M/L	1.9	
705 N EVERGREEN ST	7/11/2014 0:00	FLOODED	200	M/L	2	
256 CAMILLA	7/14/2014 9:21	GREASE/RAGS	1,200	M/L	2	
2021 LATHAM ST	7/14/2014 17:57	GREASE	1,260	M/L	2.1	Unnamed Trib to Mallory Bayou to Nonconnah
8375 KING WILLIAM ST	7/19/2014 16:55	GREASE	5,550	M/L	3.7	Unnamed Trib to Fletcher Creek to Wolf River
3209 KENLAND DR	7/21/2014 9:44	UNDEFINED STOPPAGE	510	M/L	1.7	Unnamed Trib to Hurricane Creek to Nonconnah
845 ALIDA AVE	7/21/2014 16:56	GREASE/RAGS	450	M/L	1.5	Unnamed Trib to Marjorie Bayou to Nonconnah
80EINGSHIRE RAINES	7/22/2014 13:58	GREASE/RAGS	780	M/L	1.3	Unnamed Trib to Days Creek to Nonconnah
2256 AIRWAYS BLVD	7/23/2014 12:34	GREASE/RAGS	780	M/L	1.3	Unnamed Trib to Nonconnah
956 E RAINES RD	7/28/2014 7:39	GREASE/SAND/DEBRIS	1,380	M/L	2.3	Unnamed Trib to Nonconnah
MCCAIN RAINES	7/30/2014 8:38	DEBRIS	5,400	M/L	2	Unnamed Trib to Nonconnah
6036 MACINNESS DR	8/3/2014 12:16	GREASE/RAGS	510	M/L	1.7	Unnamed Trib to Nonconnah
2200 SYCAMORE VIEW DR	8/3/2014 15:41	GREASE	4,050	M/L	2.7	Unnamed Trib to Harrington Creek to Wolf River
2541 WARFORD ST	8/5/2014 14:31	GREASE	3,120	M/L	5.2	Unnamed Trib to Wolf River
3907 LONGSNECK COVE	8/10/2014 16:14	GREASE	510	M/L	1.7	
1056 LINDEN AVE	8/11/2014 13:27	GREASE	1,950	M/L	1.3	Unnamed Trib to Gayoso Bayou to Wolf River Harbor
7739 E HOLMES RD	8/12/2014 10:24	GREASE	1,440	M/L	1.9	Unnamed Trib to Nonconnah
3296 CLEARBROOK ST	8/13/2014 10:00	GREASE	900	M/L	1.5	Unnamed Trib to Johns Creek to Nonconnah
8668 WOOD MILLS DR	8/14/2014 7:36	GREASE	1,320	M/L	2.2	Unnamed Trib to Fletcher Creek to Wolf River
4111 HALIBURTON ST	8/19/2014 10:25	DRIED OUT/GREASE/ROOTS	2,580	M/L	4.3	Unnamed Trib to Loosahatchie
LECONTE SIGNAL	8/19/2014 13:48	GREASE/RAGS	1,620	M/L	2.7	Unnamed Trib to Wolf River
4318 MICKEY DR	8/21/2014 11:57	GREASE/RAGS	960	M/L	1.6	Unnamed Trib to Days Creek to Nonconnah
9109 US HIGHWAY 64	8/21/2014 12:49	DRIED OUT/GREASE/ROOTS	1,000	M/L	2.7	Unnamed Trib to Grays Creek to Wolf River
1811 GALLOWAY AVE	8/25/2014 21:05	GREASE	660	M/L	1.1	
498 W RAINES RD	8/26/2014 10:21	GREASE	1,500	M/L	2.5	Unnamed Trib to Cypress Creek to Nonconnah
1229 TIMBERBROOK LN	8/26/2014 13:32	GREASE/RAGS	780	M/L	1.3	Unnamed Trib to Fletcher Creek to Wolf River

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)
477 W RAINES RD	8/27/2014 7:57	GREASE	1,740	M/L	2.9	Unnamed Trib to Cypress Creek to Nonconnah
5468 RIVERDALE RD	8/28/2014 14:00	GREASE/RAGS	1,470	M/L	4.9	Unnamed Trib to Nonconnah
4093 KNOB DR	9/1/2014 18:48	GREASE	600	M/L	2	
3000 GETWELL RD	9/2/2014 8:37	GREASE	1,920	M/L	3.2	Unnamed Trib to Nonconnah
99 HAAS AVE	9/2/2014 12:14	GREASE/SAND/DEBRIS	1,380	M/L	2.3	
250 WESLEY OAKS DR	9/3/2014 14:37	GREASE	4,200	M/L	2.8	
1188 BROWN AVE	9/4/2014 10:24	GREASE	900	M/L	1.5	
2461 DEMOCRAT RD	9/5/2014 12:41	GREASE/SAND/DEBRIS	480	M/L	0.8	
581 E MALLORY AVE	9/6/2014 21:25	GREASE	500	M/L	12.2	
498 W RAINES RD	9/8/2014 12:31	GREASE	750	M/L	2.5	
1702 KENDALE AVE	9/9/2014 8:59	GREASE/ROOTS	900	M/L	1.5	
5154 AUTUMN MORNING COVE	9/9/2014 13:39	GREASE/RAGS	1,060	M/L	3.1	Unnamed Trib to Nonconnah
760 N BELVEDERE BLVD	9/11/2014 7:24	GREASE/RAGS	460	M/L	1.8	
2030 HALLWOOD DR	9/11/2014 7:58	FLOODED	250	M/L	1	
4028 SOCORRO DR	9/11/2014 8:05	GREASE	660	M/L	2.2	
3164 CANYON RD	9/11/2014 9:33	FLOODED	249	M/L	1	
3712 JOSLYN ST	9/11/2014 9:42	FLOODED	460	M/L	3.9	
3720 JOSLYN ST	9/11/2014 9:42	FLOODED	500	M/L	3.9	
119 DEVON WAY	9/11/2014 9:45	FLOODED	600	M/L	12	
3156 CANYON RD	9/11/2014 13:03	FLOODED	249	M/L	0.9	
759 N BELVEDERE BLVD	9/11/2014 14:36	FLOODED	450	M/L	4.1	
477 N FIFTH ST	9/11/2014 16:57	FLOODED	4,675	M/L	0.5	
6386 GREEN GROVE DR	9/11/2014 21:15	FLOODED	105	M/L	0.6	
3255 AUSTIN PEAY HIGHWAY	9/12/2014 12:39	GREASE	3,180	M/L	2.1	
4343 CRESCENT PARK DR	9/13/2014 15:20	GREASE	630	M/L	2.1	
MALLORY RIVERPORT	9/17/2014 9:14	GREASE/RAGS	540	M/L	0.9	
1979 TULSA AVE	9/17/2014 22:16	GREASE/RAGS	660	M/L	2.2	
1381 W MASSEY RD	9/19/2014 12:47	GREASE/ROOTS	570	M/L	1.9	
3812 MASONWOOD LN	9/19/2014 14:49	SPECIAL	2,500	M/L	6.5	
5621 MAPLE TREE DR	9/20/2014 12:20	GREASE/RAGS	780	M/L	1.3	
3746 HORN LAKE RD	9/22/2014 10:37	GREASE	720	M/L	1.2	
D/E OF CLIFFDALE	9/22/2014 13:18	GREASE/RAGS	3,800	M/L	4.8	Unnamed Trib to Loosahatchie
5748 HEARTWOOD	9/22/2014 16:05	GREASE	900	M/L	1.5	
1127 HARPETH DR	9/23/2014 7:46	GREASE	3,420	M/L	5.7	
1588 RAGAN ST	9/26/2014 10:12	GREASE	870	M/L	2.9	
RANGELINE & ST ELMO ST	9/26/2014 17:05	GREASE	1,020	M/L	1.7	
6189 AFTERNOON LN	9/26/2014 20:25	GREASE/RAGS	5,130	M/L	17.1	
3369 JOSLYN ST	9/28/2014 19:25	ROOTS/RAGS	1,500	M/L	2.5	
4901 SOUTHRIDGE BV	9/29/2014 11:07	GREASE/RAGS	3,650	M/L	1.8	