

City of Memphis

Quarterly Report January 1 through March 31, 2016

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

First Quarter 2016

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 January 1 through March 31, 2016. 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).

In accordance with Appendix J of the Consent Decree, the City of Memphis submitted the finalized Color Study report entitled, *Perception studies to determine receiving-stream color objectionability due to effluent discharge*, to TDEC on October 29, 2014 following its review of the initial study results with TDEC personnel during a meeting held at TDEC's office in Nashville, Tennessee, on July 10, 2014. On January 27, 2016, the City received TDEC's approval of the color study. Therefore, in accordance with Appendix J, Section I.F of the Consent Decree, the color study will no longer be addressed in forthcoming quarterly reports. In addition, the City submitted the State Project Completion Report to TDEC on March 17, 2016.

City of Memphis - Sanitary Sewer Overflow Report
 January 1 through March 31, 2016

* 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)	Unpermitted Discharge
CLEARBROOK & FERNBROOK	1/2/2016 8:07	GREASE/RAGS	450	M/L	1.5		
4785 ROYAL RIDGE DR	1/2/2016 13:15	GREASE	1890	M/L	6.3		
924 GALLOWAY AVE	1/3/2016 14:58	GREASE	1020	M/L	3.4		
545 HARWOOD COVE	1/4/2016 12:14	GREASE/RAGS	1380	M/L	5		
3394 ADRICK RD	1/4/2016 15:05	GREASE/RAGS	1320	M/L	4.4		
1557 JACKSON AVE	1/4/2016 15:23	GREASE/RAGS	240	M/L	1.6		
1555 JACKSON AVE	1/4/2016 18:59	GREASE/RAGS	100	M/L	0.1		
4746 HODGE RD	1/5/2016 9:47	GREASE	3200	M/L	25.9		
4332 BARREN BROOK DR	1/6/2016 11:47	GREASE	900	M/L	3		
N. BELLEVUE & PRESIDENT ALY	1/6/2016 12:35	FLOODED	1.2 M	M/L	23.5	CYPRESS CREEK TO WOLF RIVER	YES
CLEARBROOK & FERNBROOK	1/6/2016 17:53	GREASE	480	M/L	1.6		
3378 LONE ROCK DR	1/10/2016 11:48	DRIED OUT/ GREASE/ROOTS	450	M/L	1.5		
967 E HOLMES RD	1/11/2016 9:29	GREASE	1120	M/L	3.7		
4083 KNOB DR	1/16/2016 12:48	GREASE	600	M/L	2		
477 ORCHARD AVE	1/19/2016 9:13	UNKNOWN PROBLEM	9830	M/L	33.1	UNNAMED TRIB TO LOOSAHATCHIE	YES
4677 CHRISTYSHIRE DR	1/19/2016 14:22	GREASE	11800	M/L	19.5	UNNAMED TRIB TO LOOSAHATCHIE	YES
7011 MILLICENT CT	1/22/2016 13:54	GREASE	810	M/L	2.7		
3368 FAIRBANKS ST	1/25/2016 7:37	GREASE/RAGS	510	M/L	1.7		
4677 CHRISTYSHIRE DR	1/25/2016 8:22	GREASE/RAGS	510	M/L	1.7		
4907 AIRWAYS BLVD	1/25/2016 8:30	GREASE/PAPER	300	M/L	1.1		
OAK BARK & VANDERGREEN	1/25/2016 9:39	GREASE/RAGS	590	M/L	2		
6820 ROCKBROOK DR	1/25/2016 10:08	GREASE/RAGS	420	M/L	1.4		
DEVEL & GOODLETT	1/25/2016 10:28	GREASE/RAGS	390	M/L	1.3		

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
4093 KNOB DR	1/26/2016 20:49	GREASE/RAGS	5200	M/L	12.8		
TUTWILER AVE & STONEWALL ST.	1/26/2016 22:45	BROKE DOWN	6000	BYPASS	1	CYPRESS CREEK TO WOLF RIVER	YES
BUSBY & WHITNEY	1/29/2016 15:16	GREASE/ROOTS	12900	M/L	2.8	UNNAMED TRIB TO WOLF RIVER	YES
536 SHELBY GROVE DR	1/29/2016 18:48	GREASE/RAGS	2250	M/L	14.9		
935 RAYNER ST	2/1/2016 9:21	GREASE/RAGS	820	M/L	2.8		
2946 N STRATHMORE CIR	2/2/2016 16:48	GREASE	300	M/L	2		
2374 N STRATHMORE CIR	2/2/2016 18:33	ROOTS/PAPER	495	M/L	0.3		
575 N WHITE STATION RD	2/2/2016 16:48	FLOODED	165	M/L	1		
N. CENTURY ST & HIGHLAND PARK PL	2/2/2016 17:00	GREASE	18000	M/L	3	GALLOWAY BRANCH TO CYPRESS CREEK TO WOLF RIVER	YES
1776 S GOODLETT ST	2/2/2016 18:13	GREASE	420	M/L	1.4		
5303 NEELY RD	2/4/2016 13:22	GREASE/RAGS	420	M/L	1.4		
1400 WINCHESTER RD	2/5/2016 10:16	GREASE/RAGS	480	M/L	1.6		
HEALEY & STUART	2/6/2016 16:12	GREASE/RAGS	510	M/L	1.7		
8000 TANKARD DR	2/7/2016 16:30	GREASE/RAGS	1050	M/L	3.5		
1312 MARLIN RD	2/9/2016 8:48	GREASE	510	M/L	1.7		
1300 WESLEY	2/9/2016 9:16	GREASE/RAGS	360	M/L	1.2		
5000 POPLAR AVE	2/10/2016 17:33	GREASE	870	M/L	2.9		
3651 CHERRY RD	2/11/2016 8:48	GREASE	360	M/L	1.2		
3927 N. THOMAS ST	2/11/2016 9:00	BROKE DOWN	240000	BYPASS	2	TODD CREEK TO LOOSAHATCHIE RIVER	YES
2496 NORTHUMBERLAND LN	2/11/2016 10:49	GREASE/RAGS	780	M/L	2.6		
1902 WALKER AVE	2/11/2016 22:31	GREASE	680	M/L	11.4		
3573 NORRISWOOD	2/12/2016 8:14	DRIED OUT	570	M/L	1.9		
5459 HUDGINS RD	2/12/2016 11:48	GREASE	880	M/L	2.9		
8545 WOODCOCK COVE	2/13/2016 10:33	DRIED OUT /GREASE/RAGS	540	M/L	1.8		

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
538 PRINCETON OAKS COVE	2/15/2016 11:53	GREASE	840	M/L	2.8		
3600 HACKS CROSS RD	2/16/2016 8:50	GREASE	540	M/L	1.8		
1448 SNOWDEN AVE	2/16/2016 16:46 2/16/2016 21:00	GREASE/RAGS	450 16650	M/L	1.5 12.5	UNNAMED TRIB TO LICK CREEK TO WOLF RIVER	YES
1329 BARBOUR ST	2/17/2016 9:41	GREASE/RAGS	450	M/L	1.5		
5048 BRECKENWOOD	2/17/2016 10:54	GREASE/RAGS	840	M/L	2.8		
DIE OF ROYAL WOOD	2/18/2016 10:52	GREASE/ROOTS	630	M/L	2.1		
2650 FAXON AVE	2/19/2016 8:38	GREASE	810	M/L	2.7		
8374 KINGS TRAIL COVE	2/19/2016 17:47	GREASE	750	M/L	2.5		
5242 ROLLING RIDGE	2/20/2016 12:01	GREASE/SAND/DEBRIS	480	M/L	1.6		
CAMILLA & LINDEN	2/20/2016 12:53	BROKE DOWN	660	M/L	2.2		
5379 ZODIAC RD	2/24/2016 7:08	GREASE/RAGS	2910	M/L	9.7		
197 N ROSE RD	2/26/2016 18:37	GREASE/RAGS	480	M/L	1.6		
JUDY LYNN & PERKINS	2/27/2016 11:51	GREASE	510	M/L	1.7		
3000 GETWELL RD	2/29/2016 7:42	GREASE	480	M/L	1.6		
7784 OCTOBER ROSE COVE	2/29/2016 22:02	GREASE/ROOTS	3120	M/L	13.5		
868 N MANASSAS ST	3/1/2016 7:21	GREASE	930	M/L	3.1		
1979 S PARKWAY E	3/2/2016 7:57	DRIED OUT /GREASE/PAPER	240	M/L	0.8		
5374 ZODIAC RD	3/2/2016 8:03	GREASE/ROCKS/SAND	810	M/L	2.7		
RALEIGH MILLINGTON & ST ELMO	3/3/2016 7:36	GREASE	840	M/L	2.8		
3980 ST ELMO AVE	3/3/2016 17:50	MUD	990	M/L	3.3		
865 N DUNLAP ST	3/4/2016 15:10	GREASE/RAGS	390	M/L	1.3		
2514 JOHANNA DR	3/6/2016 12:37	GREASE/SAND/DEBRIS	360	M/L	1.2		
131 E FRANK AVE	3/8/2016 9:49	GREASE/ROOTS	390	M/L	1.3		
575 N WHITE STATION RD	3/9/2016 7:16	FLOODED	720	M/L	2.6		

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
913 MEAGHER ST	3/9/2016 8:00	FLOODED	560	SIPHON	2.1		
673 CYPRESS DR	3/9/2016 11:38	FLOODED	12600	M/L	2		
KAREN MANOR LN & MANOR LN	3/9/2016 12:00	FLOODED	2.9 M	M/L	24	TODD CREEK TO LOOSAHATCHIE RIVER	YES
1778 TUTWILER AVE	3/9/2016 17:52	FLOODED	600	M/L	1.1		
730 WILLIAMS AVE	3/9/2016 18:12	FLOODED	360	M/L	1.2		
THIRD & A.W. WILLIS	3/9/2016 18:20	FLOODED	2.2 M	M/L	42.2	UNNAMED TRIB TO WOLF RIVER HARBOR	YES
1867 FOSTER AVE	3/9/2016 19:28	FLOODED	540	M/L	2.6		
476 PICKETT DR	3/9/2016 19:49	FLOODED	15250	M/L	13.4	UNNAMED TRIB TO CYPRESS CREEK	YES
575 N WHITE STATION RD	3/9/2016 21:18	FLOODED	720	M/L	11.5		
SHADYAC & THIRD	3/9/2016 22:26	FLOODED	2.9 M	M/L	43.1	UNNAMED TRIB TO WOLF RIVER HARBOR	YES
751 CENTER DR	3/10/2016 7:13	FLOODED	660	M/L	2.2		
488 BOSTON ST	3/10/2016 10:11	FLOODED	17250	M/L	11.5	UNNAMED TRIB TO CYPRESS CREEK	YES
PERSHING & SCOTT	3/10/2016 10:38	FLOODED	5250	M/L	3.4	UNNAMED TRIB TO CYPRESS CREEK	YES
LAUDERDALE & EXCHANGE AVE	3/10/2016 11:30	FLOODED	18000	M/L	1.5	BRANCH TO GAYOSO BAYOU TO WOLF RIVER HARBOR	YES
245 GRACEWOOD ST	3/10/2016 11:54	FLOODED	2500	M/L	1.7	UNNAMED TRIB TO CYPRESS CREEK	YES
784 CYPRESS DR	3/10/2016 13:23	FLOODED	6750	M/L	4.3	UNNAMED TRIB TO CYPRESS CREEK	YES
2030 TANT RD	3/10/2016 13:25	FLOODED	4850	M/L	3.2	UNNAMED TRIB TO WOLF RIVER	YES
N. HIGHLAND & GIVEN AVE	3/10/2016 14:00	FLOODED	64800	M/L	3	WORKHOUSE BAYOU TO WOLF RIVER	YES
GROVEHAVEN & JANIS	3/10/2016 14:11	FLOODED	3000	M/L	2	UNNAMED TRIB TO DAYS CREEK	YES
1557 JACKSON AVE	3/10/2016 15:09	FLOODED	900	M/L	2.9		
913 MEAGHER ST	3/10/2016 15:36	FLOODED	540	M/L	1.8		
5280 E SHELBY DR	3/10/2016 16:29	FLOODED	1750	M/L	1.1	UNNAMED TRIB TO JOHN'S CREEK	YES
3636 FAXON AVE	3/10/2016 17:57	FLOODED	5950	M/L	4	UNNAMED TRIB TO WORKHOUSE BAYOU	YES
N. BELLEVUE & PRESIDENT ALY	3/11/2016 9:00	FLOODED	1.2 M	M/L	24	CYPRESS CREEK TO WOLF RIVER	YES
5072 GULL RD	3/11/2016 10:59	GREASE/RAGS	1060	M/L	3.7		
730 WILLIAMS AVE	3/11/2016 14:29	DEBRIS	240	M/L	0.8		

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
1867 FOSTER AVE	3/13/2016 18:00	FLOODED	540	M/L	1		
3800 KNIGHT ARNOLD RD	3/14/2016 7:45	GREASE/RAGS	1140	M/L	3.5		
1778 TUTWILER AVE	3/14/2016 8:11	FLOODED	245	M/L	2.8		
4435 MILLINGTON RD	3/14/2016 9:00	FLOODED	2.9 M	M/L	24	TODD CREEK TO LOOSAHATCHIE RIVER	YES
1055 AZALIA ST	3/14/2016 11:24	GREASE	3230	M/L	3.5		
1250 S HIGHLAND ST	3/14/2016 13:31	GREASE/RAGS	360	M/L	1.2		
3079 CARNES AVE	3/14/2016 14:23	FLOODED	3800	M/L	1.6		
3090 CARNES AVE	3/14/2016 14:23	FLOODED	1200	M/L	1.6		
3501 HICKY ST	3/15/2016 11:47	GREASE/RAGS	480	M/L	1.6		
AUTUMN & MONTGOMERY	3/15/2016 13:43	GREASE	360	M/L	1.2		
453 N AVALON ST	3/16/2016 0:00	FLOODED	1800	M/L	0		
3828 AUDIE DR	3/16/2016 10:05	GREASE/PAPER	930	M/L	3.1		
2080 WOODFIELD PARK RD	3/16/2016 12:32	GREASE/RAGS	360	M/L	1.2		
4583 PERCY RD	3/16/2016 21:54	GREASE	2860	M/L	13.7		
6161 MONTRIDGE DR	3/19/2016 17:36	GREASE	1140	M/L	3.5		
3900 INNSBROOK DR	3/20/2016 9:24	GREASE/RAGS	330	M/L	1.7		
3998 N BORDEAUX RIDGE COVE	3/20/2016 11:48	GREASE/RAGS	780	M/L	1.1		
4009 STEPHANIE LN APT 8	3/21/2016 14:48	GREASE	480	M/L	2.6		
4100 CLIFFDALE ST	3/21/2016 22:21	MUD	150	M/L	1.6		
924 AYERS ST	3/22/2016 13:30	GREASE/RAGS	4490	M/L	0.5		
3650 HACKS CROSS RD	3/23/2016 9:56	DRIED OUT /GREASE/PAPER	510	M/L	1.4		
3040 WOODHILLS DR	3/24/2016 13:08	GREASE/RAGS	3000	M/L	1.7		
1500 E SHELBY DR	3/28/2016 10:00	GREASE	870	SIPHON	2	BRANCH TO GRAYS CREEK TO WOLF RIVER	YES
AUSTIN PEAY & COVINGTON	3/28/2016 16:46	GREASE/RAGS	450	M/L	5.4		
WEST OF 3927 THOMAS	3/30/2016 11:49	GREASE/PAPER	3.0 M	M/L	1.5		
	3/31/2016 8:39	FLOODED		M/L	22.4	UNNAMED TRIB TO WOLF RIVER	YES

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
CHELSEA CYPRESS CREEK	3/31/2016 8:40	FLOODED	1.2 M	M/L	24.8	UNNAMED TRIB TO CYPRESS CREEK	YES
WEST OF N THOMAS & WOLF RIVER	3/31/2016 9:36	FLOODED	2.3 M	M/L	26.1	UNNAMED TRIB TO WOLF RIVER	YES

Please note: Memphis reportedly experienced the wettest March on record this quarter. Information from the NOAA website (http://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=t) indicates that 7.14" of total rain fell in Memphis between 3/9/16 – 3/11/16 and 9.08" fell between 3/9/16 – 3/14/16. Both of these totals exceed the total 10-year average recurrence interval for 3-day and 7-day precipitation totals, respectively.