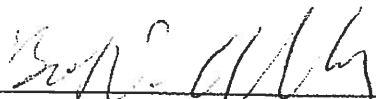


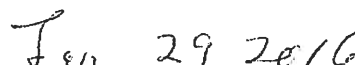
City of Memphis

Quarterly Report October 1 through December 31, 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.



Bobby D. Allen, P.E.



Date

Quarterly Report

Fourth Quarter 2015

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 October 1 through December 31, 2015. 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. In light of TDEC's May 19, 2015, letter to the City regarding the Color Study, further discussion with TDEC was necessary during the reporting period or such later time as TDEC responded regarding the finality of the study and the trigger for submission of the State Project Completion Report. On January 27, 2016, the City received TDEC's approval of the color study. As such, the City intends to submit the State Project Completion Report during the next reporting period.

City of Memphis - Sanitary Sewer Overflow Report

October 1 through December 31, 2015

* 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
3039 BROAD AVE	10/11/2015 7:27	GREASE/RAGS	1200	M/L	4.0		
2104 STEEPLEBROOK DR	10/3/2015 15:24	GREASE/RAGS	730	M/L	2.6		
2404 EASTEND ROW DR	10/6/2015 10:03	GREASE/RAGS	980	M/L	4.9		
4667 FAIRLANE DR	10/12/2015 11:22	GREASE	740	M/L	2.4		
435 W RAINES RD	10/15/2015 13:53	GREASE	800	M/L	5.2	UNNAMED TRIBUTARY TO NONCONNAH CREEK	YES
2464 RUBY OAKS DR	10/16/2015 10:05	GREASE/RAGS	450	M/L	1.5		
2800 NEW BRUNSWICK RD	10/18/2015 14:42	GREASE	930	M/L	3.3		
3007 DUMBARTON DR	10/23/2015 9:43	GREASE/ROOTS	900	M/L	4.0		
5721 S LAKE OAKS DR	10/23/2015 10:47	GREASE/ROOTS	940	M/L	4.0		
1395 VANCE AVE 1396 VANCE AVE	10/26/2015 17:10 10/27/2015 17:02	GREASE MUD	540 540	BASEMENT	1.8 1.9		
8258 CRIMSON CREEK DR	10/28/2015 9:08	GREASE	390	M/L	1.3		
259 GLENCOE RD	10/28/2015 17:30	GREASE	1380	M/L	4.6		
1963 LYDGATE COVE	10/29/2015 9:29	GREASE/ROOTS	1290	M/L	4.3		
ARNOLD & TCHULAHOMA	10/30/2015 10:27	GREASE	390	M/L	1.3		
4933 TEAL AVE	11/2/2015 9:34	GREASE/RAGS	1428	M/L	11.9		
8278 CRIMSON CREEK DR	11/2/2015 13:04	GREASE/RAGS	300	M/L	1.0		
8952 VORLICH COVE	11/4/2015 7:03	BROKE DOWN	870	M/L	5.8		
4550 CEDARGREEN CC	11/4/2015 14:50	GREASE	490	M/L	2.3		
2661 COUNTRYWOOD PKY	11/4/2015 18:15	GREASE	580	M/L	2.9		
1381 W MASSEY RD	11/4/2015 18:29	GREASE	630	M/L	3.0		

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
256 CAMILLA	11/5/2015 13:27	GREASE/PAPER	960	M/L	1.6		
671 FLORIDA ST	11/7/2015 22:39	GREASE/RAGS	390	M/L	1.3		
5136 BLACKSMITH	11/9/2015 9:12	GREASE/RAGS	570	M/L	1.9		
1497 GOWAN DR	11/11/2015 14:33	GREASE	260	M/L	0.8		
8945 KEIGHLEY COVE	11/12/2015 19:00	UNKNOWN PROBLEM	200	M/L	0		
7930 WINCHESTER HILLS DR	11/13/2015 10:55	UNKNOWN PROBLEM	780	M/L	2.6		
1798 VIA ROMA DR ¹	11/16/2015 9:00	BROKE DOWN	2.0M	PUMP	8.5	TODD CREEK TO LOOSAHATCHIE RIVER	YES
3389 STEVE RD	11/16/2015 12:12	GREASE/RAGS	780	M/L	2.6		
N. THOMAS @ WOLF RIVER BRIDGE ²	11/17/2015 8:30 11/17/2015 21:15	BROKE DOWN	4.8M 17.8M	M/L	4.7 24.2	TO OXBOW OF WOLF RIVER TO WOLF RIVER	YES
3479 TREZEVANT	11/17/2015 15:34	GREASE	1350	M/L	4.5		
SHADYAC & THIRD	11/17/2015 21:05	UNKNOWN PROBLEM	10000	M/L	19.8	TRIBUTARY OF GAYOSO BAYOU TO WOLF RIVER HARBO	YES
3987 THOMAS ST ¹	11/18/2015 7:30	BROKE DOWN	240000	PUMP	1	TODD CREEK TO LOOSAHATCHIE RIVER	YES
6386 GREEN GROVE DR	11/18/2015 7:34	FLOODED	480	M/L	1.6		
621 N MERTON ST	11/18/2015 9:45	FLOODED	600	M/L	1.5		
1867 FOSTER AVE	11/18/2015 13:39	FLOODED	310	BASEMENT	4.6		
4387 US HWY 51 N ¹	11/18/2015 14:30	BROKE DOWN	2.2M	PUMP	9.3	TODD CREEK TO LOOSAHATCHIE RIVER	YES
4287 MERLCREST COVE	11/24/2015 16:30	GREASE	880	M/L	3.0		
1987 TULSA AVE	11/27/2015 13:14	GREASE/SAND/DEBRIS	1100	M/L	4.8		
324 W MALLORY AVE	11/30/2015 10:49	MUD	2424	M/L	2.7		
2442 KIMBARK WOODS COVE	12/1/2015 15:38	GREASE	420	M/L	1.5		
AMBERLY WAY & HAZEL CREST	12/2/2015 7:11	GREASE	630	M/L	2.1		

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
3898 PHILSDALE AVE	12/2/2015 10:07	GREASE/PAPER	540	M/L	1.8		
1573 DENA DR ¹	12/2/2015 11:00	BROKE DOWN	1.8M	PUMP	7.5	TODD CREEK TO LOOSAHATCHIE RIVER	YES
4980 FRENCH BEND DR	12/2/2015 16:21	GREASE/SAND/DEBRIS	3330	M/L	13.0		
433 DIXIE RD	12/3/2015 18:10	GREASE/RAGS	600	M/L	2.0		
7284 AMBERLY WAY	12/3/2015 21:25	GREASE	760	M/L	2.6		
230 W GOODWYN	12/4/2015 17:38	GREASE	990	BASEMENT	3.3		
3371 KIRBY MEADOWS DR	12/7/2015 12:20	GREASE/RAGS	390	M/L	1.3		
4577 WINTER PARK DR	12/7/2015 13:59	GREASE	930	M/L	3.1		
3906 PHILSDALE AVE	12/8/2015 20:17	GREASE/RAGS	210	M/L	0.7		
2577 DAKAR DR	12/10/2015 12:38	GREASE	630	M/L	2.1		
4172 NEW WILLOW AVE	12/13/2015 14:01	GREASE/ROOTS	1200	M/L	4.6		
168 E SHELBY DR	12/14/2015 12:37	GREASE	4960	M/L	23.1		
7166 CHEVY CHASE DR	12/14/2015 17:37	GREASE/RAGS	750	M/L	2.5		
1403 GOODBAR AVE	12/15/2015 9:30	GREASE	200	BASEMENT	1.0		
S. 3 RD ST & MCKELLAR AVE	12/18/2015 10:30	GREASE	1760	M/L	1.8	MALLORY BAYOU TO NONCONNAH CREEK	YES
5301 ZODIAC RD	12/19/2015 21:38	MUD	5560	M/L	18.6		
230 W GOODWYN	12/20/2015 12:42	GREASE	240	BASEMENT	2.6		
2404 E END ROW	12/23/2015 12:17	GREASE/SAND/DEBRIS	440	M/L	1.6		
1984 BONNIE DR	12/23/2015 16:06	GREASE	1340	M/L	3.8		
ALCY & SPARKS	12/24/2015 11:08	GREASE	450	M/L	1.6		
4307 WYNTLUCK PL	12/25/2015 9:12	GREASE/RAGS	180	M/L	0.6		
CLEARBROOK & FERNBROOK	12/25/2015 16:24	GREASE	750	M/L	2.5		

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source*	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
337 S REESE ST 335 S REESE ST	12/28/2015 10:40 12/28/2015 14:20	GREASE	8600 7500	M/L	29.5 25.3	GALLOWAY CREEK TO CYPRESS CREEK	YES
HILLBROOK & IVAN	12/28/2015 11:17	GREASE/RAGS	1080	M/L	3.6		
2600 ELVIS PRESLEY BV	12/28/2015 12:23	GREASE/RAGS	840	M/L	2.4		
135 N PAULINE ST	12/28/2015 14:53	GREASE	990	BASEMENT	3.3		
4675 NEW ALLEN RD	12/29/2015 9:59	GREASE	1170	M/L	3.9		
3746 HORN LAKE RD	12/30/2015 9:01	GREASE/RAGS	510	M/L	1.7		
DUNN & TITUS	12/30/2015 17:00	GREASE	840	M/L	2.4		
3648 E SHELBY DR	12/31/2015 10:33	GREASE/ROOTS	13200	M/L	10.2	UNNAMED TRIBUTARY TO HURRICANE CREEK	YES

- 1- These SSOs are related to a mile long sewer relay project of the 42" Loosahatchie Interceptor. The by-pass lines were damaged and the pumps had to be shut down to repair them. After these incidents the contractor has instituted a new protocol to monitor and respond to these breaks in order to reduce future occurrences.
- 2- This SSO event is related to a by-pass project at the Stiles Treatment Plant. The pumps at Stiles were clogged with rags and caused the line to be surcharged and ultimately caused an SSO at this location. In order to remediate any future problems a new maintenance protocol has been set up at the pumps and they have also added an additional four diesel above ground pumps.