


City of Memphis

Quarterly Report January 1 through March 31, 2018

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 2018

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, 2018, through March 31, 2018. 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
HAWKINS MILL & SUNCREST	1/1/18 1:36 PM	GREASE	840	M/L	1.3		*
4499 SUMNERS WELLS RD	1/2/2018 13:49	GREASE	1320	M/L	0.8		*
1979 S PARKWAY E	1/3/2018 11:52	GREASE	1890	M/L	1.1	CANE CREEK	YES
308 GRANVILLE AVE	1/4/2018 10:01	GREASE/RAGS	15810	M/L	1.3	UNNAMED TRIBUTARY OF CYPRESS CREEK	YES
6604 CROSS OAK CV	1/4/2018 11:54	GREASE	630	M/L	1.3		
GLEN LAKES & HOUSTON LEVEE	1/5/18 11:47 AM	GREASE/SAND/DEBRIS	9300	M/L	2.2	GRAYS CREEK CANAL	YES
3634 CHERRY RD	1/5/2018 18:42	GREASE	1380	M/L	2.3		**
533 READ ST	1/6/18 8:31 AM	GREASE/SAND/DEBRIS	750	M/L	1.2		*
7200 E SHELBY DR	1/8/2018 14:19	GREASE	4350	M/L	1.80	UNNAMED TRIBUTARY OF NONCONNAH CREEK	YES
8429 KING WILLIAM ST	1/9/18 10:01 AM	GREASE/RAGS	2190	M/L	1.8	FLETCHER CREEK	YES
6296 LAKE VIEW TRAIL	1/9/2018 16:15	GREASE	1350	M/L	1.3		**
1980 GETWELL RD	1/10/2018 12:00	DEBRIS	5000	M/L	0.0	NONCONNAH CREEK	YES
7629 DEXTER RUN CIR	1/10/18 12:52 PM	GREASE	2370	4 AND 6	2.5		**
1250 TUTWILER AVE	1/14/18 6:12 PM	GREASE/RAGS	100	M/L	1.6		*
4296 E KINGS VALLEY CV	1/15/18 11:00 AM	GREASE	4770	M/L	1		*
291 PONTOTOC	1/17/18 11:26 AM	GREASE	960	M/L	1.9		**
159 N BELVEDERE BLVD APT 1	1/18/18 7:51 AM	GREASE/RAGS	100	M/L	0.8		*
GLEN LAKES & HOUSTON LEVEE	1/19/18 8:22 AM	GREASE	16200	M/L	4.1	GRAYS CREEK CANAL	YES
2697 WILLOW REST DR	1/21/18 2:33 PM	GREASE	6600	M/L	4.4		**
3255 BARRON AVE	1/22/2018 12:54	GREASE	7920	M/L	2.2	UNNAMED TRIBUTARY OF NONCONNAH CREEK	YES
CHELSEA & MANASSAS	1/22/18 4:53 PM	GREASE	1800	M/L	1.2		**
6821 RALEIGH LAGRANGE	1/26/18 9:54 AM	GREASE	972	M/L	1.8		
6125 E SHELBY DR	1/26/2018 11:11	GREASE	1080	M/L	2.1		**
2031 LAMAR AVE	1/26/2018 15:10	GREASE/RAGS	200	M/L	3.2		*
35 CHICKASAW CV	1/27/18 12:20 PM	FLOODED	10	M/L	0.6		†
3643 EARLY ST	1/28/18 12:48 PM	GREASE	1290	M/L	1.6	LOOSAHATCHIE RIVER	YES
4405 S MENDENHALL RD SUITE 104	1/31/2018 9:45	DEBRIS	1200	M/L	1.4		**
4585 POPLAR AVE	1/31/2018 14:13	GREASE	1200	M/L	2.7		**
1161 E PARKWAY S	2/2/18 8:12 PM	FLOODED	50	M/L	0.6		*
COOPER & MADISON	2/3/18 10:28 PM	GREASE/ROCKS/SAND	810	M/L	1.1		**
1980 GETWELL RD	2/5/18 12:00 PM	FORCEMAIN FAILURE	2250	F/M	1.5	NONCONNAH CREEK	YES
35 CHICKASAW CV	2/7/18 12:50 AM	FLOODED	1000	M/L	3.6		†
4531 BEACON HILL DR	2/7/18 5:01 PM	GREASE/RAGS	1500	M/L	0.9		*
222 SYLBEN DR	2/8/18 9:52 AM	RAGS	660	M/L	1.4		*
7890 HUNTERS CROSSING DR	2/8/18 6:50 PM	GREASE	1080	M/L	1.9		**
3667 BARBERRY ST	2/9/18 9:40 AM	GREASE/SAND/DEBRIS	330	M/L	0.7		*
4888 SCOTSDALE AVE	2/10/18 10:45 AM	GREASE	252	M/L	1.5		*
35 CHICKASAW CV	2/10/18 4:50 AM	FLOODED	26000	M/L	12.9		†
605 N CLAYBROOK ST	2/10/18 4:55 AM	FLOODED	53000	M/L	3		†
5359 FONTANA AVE	2/11/18 3:50 PM	GREASE/RAGS	2880	M/L	4		**
200 S SECOND ST	2/12/18 10:12 AM	UNDEFINED STOPPAGE	1140	M/L	1.9		**
605 N CLAYBROOK ST	2/14/18 12:00 AM	FLOODED	N/A	M/L	N/A		††
35 CHICKASAW CV	2/14/18 12:30 PM	FLOODED	8000	M/L	4.3		†
8245 UNKWOOD LN	2/16/18 1:43 PM	DRIED OUT/GREASE/RAGS	510	M/L	1.7		*
1790 KENDALE AVE	2/16/18 3:02 PM	GREASE/PAPER	100	4 AND 6	1.9		
1792 FORREST AVE	2/16/18 4:20 PM	GREASE/RAGS	100	M/L	1.8		
994 TREADWELL ST	2/17/18 2:58 PM	GREASE/RAGS	510	M/L	1		
1414 AGNES PL	2/19/18 1:17 PM	GREASE/PAPER	25	M/L	1.4		
605 N CLAYBROOK ST	2/21/18 12:00 AM	FLOODED	N/A	M/L	N/A		††
35 CHICKASAW CV	2/21/18 7:40 AM	FLOODED	41000	M/L	14.9		†
3087 RAINIER ST	2/21/18 11:56 AM	GREASE/RAGS	1350	M/L	0.8		**

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
CHILDS & WILSON	2/21/18 12:09 PM	GREASE/RAGS	4800	M/L	1.1	DAYS CREEK	YES
1852 SNOWDEN AVE APT R	2/22/18 7:14 AM	FLOODED	50	M/L	0.8		
SHADYAC & THIRD	2/22/18 7:36 AM	SPECIAL	13800	M/L	1.5		**
1497 KERR AVE	2/22/18 7:44 PM	GREASE/RAGS	630	M/L	1.3		**
605 N CLAYBROOK ST	2/24/18 12:00 AM	FLOODED	N/A	M/L	N/A		††
35 CHICKASAW CV	2/24/18 8:40 PM	FLOODED	5400	M/L	5.6		†
1902 WALKER AVE	2/25/18 12:15 PM	UNKNOWN PROBLEM	50	M/L	1.1		
199 W VIKING DR	2/26/18 6:58 PM	ROOTS/GREASE	1050	M/L	2		**
1276 FAXON AVE APT R	2/27/18 9:38 PM	GREASE/PAPER	2000	M/L	0.9		
1223 N PARKWAY	2/27/18 9:49 PM	GREASE/PAPER	50	M/L	0.9		
605 N CLAYBROOK ST	2/28/18 12:00 AM	FLOODED	N/A	M/L	N/A		††
35 CHICKASAW CV	2/28/18 12:45 AM	FLOODED	140000	M/L	42.4		†
1072 W REX RD	2/28/18 7:01 AM	GREASE	7650	M/L	4		*
1902 WALKER AVE	2/28/18 7:13 AM	GREASE	174	M/L	1.6		
HARBERT & E PARKWAY	2/28/18 8:14 AM	GREASE	50	M/L	2		*
784 CYPRESS DR	2/28/18 2:54 PM	FLOODED	7800	M/L	1.5		*
3245 CENTRAL AVE	2/28/18 3:37 PM	UNDEFINED STOPPAGE	9600	M/L	0.9		**
605 N CLAYBROOK ST	3/1/18 12:00 AM	FLOODED	100	M/L	1.1		
784 CYPRESS DR	3/1/18 7:37 AM	FLOODED	N/A	M/L	N/A		††
1500 SILVER ST	3/2/18 3:44 PM	FLOODED	33000	M/L	0	UNNAMED TRIBUTARY OF CYPRESS CREEK	YES
6510 N OAK SHADOWS CIR	3/3/18 6:52 PM	GREASE/RAGS	780	M/L	2.4		**
795 E MALLORY AVE	3/5/18 12:52 PM	GREASE/SAND/DEBRIS	1980	M/L	1.3		*
WOOD10146	3/6/18 12:00 PM	FLOODED	3000	M/L	1.8	NONCONNAH CREEK	YES
WOOD10147	3/6/18 12:00 PM	FLOODED	936000	M/H	312		
WOOD10153	3/6/18 12:00 PM	FLOODED	3.7M	M/H	312		
WOOD10145	3/6/18 12:00 PM	FLOODED	1.4M	M/H	312		
WSO10181	3/6/18 12:00 PM	FLOODED	1.9M	M/H	312		
WSO10114	3/7/18 12:00 PM	FLOODED	1.9M	M/H	288		
WSO101094	3/7/18 12:00 PM	FLOODED	1.9M	M/H	288		
WSO10115	3/7/18 12:00 PM	FLOODED	1.9M	M/H	288		
WSO10118	3/7/18 12:00 PM	FLOODED	1.9M	M/H	288		
WSO10119	3/7/18 12:00 PM	FLOODED	2.0M	M/H	288		
WSO10120	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10121	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WOOD20113	3/7/18 12:00 PM	FLOODED	2.0M	M/H	336		
WSO10111	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO101022	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10113	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO101020	3/7/18 12:00 PM	FLOODED	1.7M	M/H	312		
WSO10177	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10117	3/7/18 12:00 PM	FLOODED	1.9M	M/H	312		
WSO10921	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10176	3/7/18 12:00 PM	FLOODED	1.9M	M/H	288		
WSO10175	3/7/18 12:00 PM	FLOODED	1.9M	M/H	288		
WSO10318	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10172	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10105	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10104	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
WSO10117	3/7/18 12:00 PM	FLOODED	1.7M	M/H	288		
9128 OAKVALE DR	3/7/18 12:51 PM	GREASE/RAGS	540	M/L	1.7	WOLF RIVER	**

Location - Address	Date and Time	Cause	Estimated Volume (gallons)	Source	Estimated Duration (hours)	Receiving stream (if any)	Unpermitted Discharge
1072 W REX RD	3/8/18 11:24 AM	GREASE	3300	M/L	1.2		*
Maynard C. Stiles STP	3/8/18 4:00 PM	FLOODED	100000	M/L	1.5		a
Maynard C. Stiles STP	3/9/18 12:00 AM	FLOODED	703M	M/L	216	MISSISSIPPI RIVER	YES ^a
2345 BENA COVE	3/9/18 2:10 PM	GREASE/RAGS	6300	M/L	2.8	FLETCHER CREEK	YES
1558 CHARLES BRYAN	3/10/18 4:51 PM	GREASE/RAGS	1020	M/L	1.3		
3501 HICKY ST	3/12/18 10:24 AM	GREASE/RAGS	6750	M/L	4.3		
4907 AIRWAYS BLVD	3/15/18 9:22 AM	GREASE/PAPER	1380	M/L	0.7		*
COTTONWOOD & GOODLETT	3/15/18 9:36 AM	GREASE/RAGS	720	M/L	1.1		*
2600 COLONIAL TOWERS DR	3/15/18 9:55 AM	GREASE/SAND/DEBRIS	1350	M/L	0.8		
4440 COLEMAN	3/16/18 1:43 PM	GREASE	1170	M/L	1.1	WOLF RIVER	YES
571 E MCKELLAR AVE	3/18/18 8:19 AM	GREASE	50	M/L	1.5		
W0020102	3/19/18 12:00 PM	FLOODED	144000	M/H	24	WOLF RIVER	YES
325 S MAIN	3/19/18 3:42 PM	GREASE	50	M/L	1.3		
CLEABORN & ST PAUL	3/21/18 7:31 AM	GREASE	810	M/L	2.1		*
10027 CAMERON RIDGE TRAIL	3/21/18 8:10 AM	GRAVEL	1080	M/L	1.8		*
JOLSON & LONG	3/23/18 10:51 AM	GREASE/SAND/DEBRIS	1680	M/L	1.2		*
4324 N PROCTOR DR	3/24/18 2:49 PM	GREASE	4350	M/L	2.1		
605 N CLAYBROOK ST	3/28/18 12:00 AM	FLOODED	N/A	M/L	N/A		††
35 CHICKASAW CV	3/28/18 4:15 AM	FLOODED	1500	M/L	4.2		†
3036 WATSON RD	3/28/18 1:19 PM	GREASE	450	M/H	1.1		*
4332 BARREN BROOK DR	3/29/18 8:45 AM	GREASE/RAGS	1020	M/L	1.3		
1072 W REX RD	3/30/18 6:57 AM	UNKNOWN PROBLEM	3900	M/L	1.6		*
924 RUBY CREEK PL	3/31/18 9:05 AM	Grease	480	M/L	1.5		*

* 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 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.

† Based on recorded depth measuring data, we believe that discharges occurred at these locations because of the same underlying cause (i.e. a historical constructed overflow to relieve surcharging and avoid basement backups). The volume of the overflow should be determinative as to whether or not the overflow reaches the Waters of the U.S. or the State. We do not know at what volume the overflow reaches these waters.

†† Based on historical rain and depth measuring data, we believe that discharges occurred at these locations on this date because of the same underlying cause (i.e. a historical constructed overflow to relieve surcharging and avoid basement backups). The volume of the overflow should be determinative as to whether or not the overflow reaches the Waters of the U.S. or the State. We do not know at what volume the overflow reaches these waters.

^ A portion of the overflow dissipated into the ground and the remaining portion flowed back to the WWTP and was included with the calculation of 703M gallons during the March 9, 2017 event.

^^ It is estimated that 685 gallons reached Waters of the U.S. or the State. The remaining gallons were returned to the WWTP system.