



City of Chattanooga

Mayor Andy Berke

April 25, 2018

VIA CERTIFIED MAIL

Ms. Sara Janovitz
Environmental Engineer
Clean Water Enforcement Branch
US EPA-Region 4
61 Forsyth Street, SW
Atlanta, GA 30303

**Re: *United States of America et. al. v. City of Chattanooga, No. 1:12-cv-00245*
Quarterly Report No. 19 – January 2018 to March 2018**

Dear Ms. Janovitz:

On behalf of the City of Chattanooga, Tennessee ("City"), and in accordance with the consent decree entered by the United States District Court for the Eastern District of Tennessee (Southern Division), on April 24, 2013, in the case styled the United States of America et. al. v. City of Chattanooga, No. 1:12-cv-00245 ("Consent Decree"), we are submitting to both the Environmental Protection Agency ("EPA") and the Tennessee Department of Environment and Conservation ("TDEC") the nineteenth quarterly report required pursuant to paragraph 38 of the Consent Decree. This report is also being submitted in accordance with the letter from Denise Diaz, dated September 16, 2013, establishing the dates for reporting under the Consent Decree.

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.

Ms. Sara Janovitz
April 25, 2018
Page Two

Please let me know if you have any questions regarding our submittal.

Sincerely,



Jeffrey A. Rose, P.E.
Interim Director, Waste Resources Division

Enclosure

cc: Karl Fingerhood, Esq., US DOJ
Chief, Environmental Enforcement Section, US DOJ
Chief, Clean Water Enforcement Branch, US EPA Region 4
Bill Bush, Esq., US EPA
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Quarterly Report No. 19

January 1, 2018 – March 31, 2018

Prepared for

**United States Environmental Protection Agency
and Tennessee Department of Environment and
Conservation**

City of Chattanooga
Waste Resources Division
Consent Decree Program
Case No. 1:12-cv-00245

Prepared by

City of Chattanooga
Waste Resources Division

Submitted by

JACOBS®

Jacobs Engineering Group Inc.
Consent Decree Program Manager

Chattanooga, Tennessee

April 25, 2018

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Acronyms and Abbreviations

Ave	Avenue
CD	Consent Decree
CFR	Code of Federal Regulations
CSO	Combined Sewer Overflow
CSS	Combined Sewer System
Dr	Drive
EPA	Environmental Protection Agency
Gal	Gallons
Hrs	Hours
Hwy	Highway
Ln	Lane
MBWWTP	Moccasin Bend Waste Water Treatment Plant
MG	Million Gallons
MH	Manhole
N/A	Not Applicable
No.	Number
NPDES	National Pollutant Discharge Elimination System
PS	Pump Station
Rd	Road
SSO	Sanitary Sewer Overflow
St	Street
TDEC	Tennessee Department of Environment and Conservation
Trl	Trail
UNK	Unknown
WCTS	Wastewater Collection and Transmission System
WWTP	Wastewater Treatment Plant

1.0 Introduction

1.1 Purpose

The City of Chattanooga entered into a consent decree with the United States and the State of Tennessee in the case styled *United States of America et. al. v. City of Chattanooga, No. 1:12-cv-00245* (“CD”), which became effective on April 24, 2013. Pursuant to Section IX, paragraph 38 of the CD, Chattanooga is required to submit reports on a quarterly basis to the Environmental Protection Agency (“EPA”) and Tennessee Department of Environment and Conservation (“TDEC”). Chattanooga has prepared Quarterly Report No.19 to satisfy the reporting requirements of the CD. This report is also being submitted in accordance with the letter from Denise Diaz, dated September 16, 2013, establishing the dates for reporting under the CD.

1.2 Requirements

As detailed in Section IX, paragraph 38 of the CD, Chattanooga is required to report the date, time, location, source, estimated duration and volume, and receiving water of the following events:

1. Sanitary sewer overflow (“SSO”) events occurring during the reporting period;
2. Combined sewer overflow (“CSO”) outfall discharges occurring during the reporting period;
and
3. Bypasses at the Moccasin Bend Wastewater Treatment Plant (“MBWWTP”) occurring during the reporting period.

This information is provided in tabular form in Sections 2.0 – 4.0 of this report.

2.0 SSO Events

For the reporting period of January 1, 2018 through March 31, 2018, Chattanooga experienced the SSOs listed in Table 2-1. An SSO event is defined in paragraph 8.(nn) of the CD as “any discharge of wastewater to waters of the United States or State from Chattanooga’s Sewer System through a point source not permitted in any National Pollutant Discharge Elimination System (“NPDES”) permit, as well as any overflow, spill, or release of wastewater to public or private property from the Sewer System that may not have reached waters of the United States or the State, including all building backups.”

**Table 2-1
Quarterly SSO Report**

SSO ID	Start Date	Start Time	Location	Source	MH ID#	Estimated Duration (hrs)	Estimated Volume (gal)	SSO Destination	Cause
1	22-Jan-18	11:00 AM	1111 Valentine Cr	Manhole	Unknown	1.92	575	Land*	Blockage - General
2	02-Feb-18	10:45 AM	721 Glenwood Dr	Manhole	S146E035	1.75	1,050	Storm Drain	Blockage - General
3	05-Feb-18	4:30 PM	625 Signal Mtn Rd	Manhole	S117O028	1.50	8	Storm Drain	Blockage - Grease
4	07-Feb-18	8:00 AM	2013 S Kelley St	Manhole	S156G022	6.50	1,875	Dobbs Branch	Wet Weather
5 ¹	07-Feb-18	8:15 AM	2109 Lynbrook Ave	Manhole	S156G048	6.25	6,000	Dobbs Branch	Wet Weather
6	07-Feb-18	8:45 AM	1033 Lupton Dr	Manhole	S118K036	23.47	246,400	Tennessee River	Wet Weather
7	07-Feb-18	8:45 AM	1 Frawley Rd	Manhole	Unassigned	0.50	3,750	South Chickamauga Creek	Wet Weather
8 ¹	07-Feb-18	9:00 AM	Terrace Ave & Young Ave	Manhole	S136A130	0.50	3,750	Tennessee River	Wet Weather
9	07-Feb-18	10:54 AM	1307 Stratton Place Dr (in rear)	Manhole	S138M009	21.10	2,532	Mackey Branch	Wet Weather
10	07-Feb-18	1:25 PM	1115 Riverview Rd	Manhole	S136B046	0.42	2,500	Tennessee River	Wet Weather
11	08-Feb-18	10:25 AM	212 Island Ave	Service Line	N/A	0.50	180	Land*	Blockage - Trash/Debris
12	08-Feb-18	12:00 PM	84 N Crest Rd	Manhole	Unknown	4.78	861	Land*	Blockage - Roots
13	10-Feb-18	7:10 AM	122 Rowland Gap Rd (West Bank)	Manhole	S135O217	40.83	14,833,000	Tennessee River	Wet Weather

**Table 2-1
Quarterly SSO Report**

SSO ID	Start Date	Start Time	Location	Source	MH ID#	Estimated Duration (hrs)	Estimated Volume (gal)	SSO Destination	Cause
14	10-Feb-18	8:40 AM	End of MLK BLVD (East Bank)	Manhole	S135O547	19.00	124,000	Tennessee River	Wet Weather
15	10-Feb-18	10:32 PM	1610 Elm St (DuPont PS)	Manhole	S118E055	1.47	30,000	Tennessee River	Wet Weather
16 ¹	11-Feb-18	1:30 AM	3857 Birmingham Dr	Manhole	S118D128	32.25	159,250	Tennessee River	Wet Weather
17 ¹	11-Feb-18	1:55 AM	1100 Lupton Dr	Manhole	S118K036	55.08	325,000	Tennessee River	Wet Weather
18 ¹	11-Feb-18	2:35 AM	634 Lupton Dr	Manhole	S118G087	31.92	57,500	Storm Drain	Wet Weather
19 ¹	11-Feb-18	3:00 AM	1820 E 23rd St	Manhole	S156G049	30.50	62,500	Dobbs Branch	Wet Weather
20 ¹	11-Feb-18	3:00 AM	2001 S Kelley St	Manhole	S156G030	30.50	220,000	Dobbs Branch	Wet Weather
21	11-Feb-18	3:45 AM	1022 Shallowford Rd	Manhole	S147G104	29.25	175,000	South Chickamauga Creek	Wet Weather
22 ¹	11-Feb-18	4:11 AM	6695 Hickory Brook Rd	Manhole	S138M082	29.07	3,000	Storm Drain	Wet Weather
23	11-Feb-18	5:30 AM	Terrace Ave & Young Ave	Manhole	S136A130	28.50	185,000	Tennessee River	Wet Weather
24	11-Feb-18	10:19 AM	3910 Juandale Trail (F Branch PS)	Manhole	S137N004	46.68	15,000	South Chickamauga Creek	Wet Weather
25	11-Feb-18	2:30 PM	5466 Longview Dr	Manhole	S100K027	20.00	7,500	North Chickamauga Creek	Wet Weather
26 ¹	11-Feb-18	2:50 PM	2032 Crescent Club Dr	Manhole	S110G009	19.67	75,000	North Chickamauga Creek	Wet Weather

**Table 2-1
Quarterly SSO Report**

SSO ID	Start Date	Start Time	Location	Source	MH ID#	Estimated Duration (hrs)	Estimated Volume (gal)	SSO Destination	Cause
27	12-Feb-18	9:00 AM	6785 Sandwitch Rd	Manhole	S091B064	0.75	1,500	North Chickamauga Creek	Wet Weather
28 ¹	12-Feb-18	10:00 AM	5010 Creekside Preserve Dr	Service Line	N/A	23.00	86,000	North Chickamauga Creek	Wet Weather
29	14-Feb-18	9:30 AM	1240 Carter Lake Rd	Manhole	S127B010	121.17	200,000	Tennessee River	Wet Weather
30	14-Feb-18	9:40 PM	1 Frawley Rd	Manhole	Unassigned	15.33	50,000	South Chickamauga Creek	Wet Weather
31	19-Feb-18	8:00 AM	5003 Creekside Preserve Dr	Manhole	S110F021	UNK ²	5,000	North Chickamauga Creek	Wet Weather
32	21-Feb-18	3:30 PM	1100 Lupton Dr	Manhole	S118L002	UNK ²	45,000	Tennessee River	Wet Weather
33	28-Feb-18	10:30 AM	915 Vine St	Main Line	N/A	0.50	23,938	Structure*	Blockage - Roots
34	28-Feb-18	11:10 AM	122 Rowland Gap Rd (West Bank)	West Bank	S135O217	67.50	55,633,000	Tennessee River	Wet Weather
35 ¹	28-Feb-18	11:14 AM	1820 E 23rd St	Manhole	S156G049	41.77	79,940	Dobbs Branch	Wet Weather
36	28-Feb-18	11:40 AM	End of MLK BLVD (East Bank)	East Bank	S135O547	19.83	3,531,000	Tennessee River	Wet Weather
37 ¹	28-Feb-18	11:50 AM	2001 S Kelley St	Manhole	S156G030	2.67	2,350	Dobbs Branch	Wet Weather
38 ¹	28-Feb-18	12:00 PM	1610 Elm St (DuPont PS)	Manhole	S118E998	2.00	87,100	Tennessee River	Wet Weather
39	28-Feb-18	12:58 PM	1033 Lupton Dr	Manhole	S118K036	77.78	1,283,425	Tennessee River	Wet Weather

**Table 2-1
Quarterly SSO Report**

SSO ID	Start Date	Start Time	Location	Source	MH ID#	Estimated Duration (hrs)	Estimated Volume (gal)	SSO Destination	Cause
40 ¹	28-Feb-18	1:49 PM	634 Lupton Dr	Manhole	S118G087	42.18	214,380	Storm Drain	Wet Weather
41	28-Feb-18	2:00 PM	1307 Stratton Place Dr (in rear)	Manhole	S158M009	47.50	14,250	Mackey Branch	Wet Weather
42	28-Feb-18	2:00 PM	1100 Lupton Dr	Manhole	S118L002	68.98	1,138,225	Tennessee River	Wet Weather
43	28-Feb-18	2:00 PM	3910 Juandale Trl	Manhole	S137N041	70.42	1,161,875	South Chickamauga Creek	Wet Weather
44 ¹	28-Feb-18	2:29 PM	Terrace Ave & Young Ave	Manhole	S136A130	41.77	1,281,140	Tennessee River	Wet Weather
45	28-Feb-18	2:30 PM	6695 Hickory Brook Dr	Manhole	S138M082	42.92	25,750	Storm Drain	Wet Weather
46	28-Feb-18	2:45 PM	1900 E 25th St Place	Manhole	S156J051	38.25	57,875	Storm Drain	Wet Weather
47	28-Feb-18	2:45 PM	1022 Shallowford Rd	Manhole	S147G104	42.25	165,165	South Chickamauga Creek	Wet Weather
48	28-Feb-18	3:30 PM	3726 Wilcox Blvd (rear)	Manhole	S147B301	41.70	62,550	Storm Drain	Wet Weather
49	28-Feb-18	5:00 PM	5506 Miller Dr	Manhole	S157N034	41.00	61,500	South Chickamauga Creek	Wet Weather
50 ¹	28-Feb-18	5:45 PM	25 Germantown Rd	Manhole	S157A056	35.25	740,250	Storm Drain	Wet Weather
51	28-Feb-18	6:18 PM	929 Riverside Dr (Citico PS)	Manhole	S126P604	34.70	139,800	Tennessee River	Wet Weather
52	28-Feb-18	7:20 PM	Wilcox Blvd & Shallowford Rd	Manhole	S147F015	61.17	275,250	South Chickamauga Creek	Wet Weather

**Table 2-1
Quarterly SSO Report**

SSO ID	Start Date	Start Time	Location	Source	MH ID#	Estimated Duration (hrs)	Estimated Volume (gal)	SSO Destination	Cause
53	28-Feb-18	7:56 PM	151 Browns Ferry Rd	Manhole	S154C022	9.57	3,515	Tennessee River	Wet Weather
54 ¹	28-Feb-18	8:55 PM	1610 Elm St (DuPont PS)	Manhole	S118E055	19.58	7,010	Tennessee River	Wet Weather
55	28-Feb-18	9:11 PM	5203 Old Mission Rd(Brainerd Golf Course)	Manhole	S157F039	7.55	95,000	South Chickamauga Creek	Wet Weather
56	28-Feb-18	9:20 PM	5302 Old Mission Rd	Manhole	S157K058	59.17	159,750	Storm Drain	Wet Weather
57 ¹	01-Mar-18	8:30 AM	665 Lupton Dr	Manhole	S118G115	23.50	77,025	Storm Drain	Wet Weather
58	01-Mar-18	9:00 AM	2305 Crutchfield St	Manhole	S136E012	23.75	44,625	Storm Drain	Wet Weather
59	01-Mar-18	9:15 AM	1900 E 34th St	Manhole	S156P073	24.25	7,275	Storm Drain	Wet Weather
60	01-Mar-18	9:15 AM	2001 S Kelley St	Manhole	S156G030	19.75	47,625	Dobbs Branch	Wet Weather
61	01-Mar-18	9:15 AM	3605 Monte Vista Dr	Manhole	S157H050	23.92	35,875	Storm Drain	Wet Weather
62	01-Mar-18	9:30 AM	2311 E Main St	Service Line	N/A	24.00	14,400	Storm Drain	Wet Weather
63	01-Mar-18	10:00 AM	2100 E 33rd St	Manhole	S156O009	23.20	20,880	Storm Drain	Wet Weather
64	01-Mar-18	10:00 AM	4610 Kemp Dr	Manhole	S157C065	46.50	96,250	Storm Drain	Wet Weather
65	01-Mar-18	10:00 AM	0 Aim Way	Manhole	S157H046	23.17	69,500	Storm Drain	Wet Weather

**Table 2-1
Quarterly SSO Report**

SSO ID	Start Date	Start Time	Location	Source	MH ID#	Estimated Duration (hrs)	Estimated Volume (gal)	SSO Destination	Cause
66	01-Mar-18	10:15 AM	406 Brown Rd	Manhole	S158O004	50.92	305,500	South Chickamauga Creek	Wet Weather
67	01-Mar-18	10:50 AM	1911 Garfield St	Manhole	S146F701	23.50	14,100	Storm Drain	Wet Weather
68	01-Mar-18	11:30 AM	4601 Shawhan Rd	Manhole	N/A	21.50	6,450	Structure*	Wet Weather
69 ¹	01-Mar-18	12:30 PM	2914 Hamill Rd	Manhole	S110F014	20.72	87,010	North Chickamauga Creek	Wet Weather
70	02-Mar-18	9:00 AM	2032 Crescent Club Dr	Manhole	S100G009	28.88	8,665	North Chickamauga Creek	Wet Weather
71	02-Mar-18	9:30 AM	5003 Creekside Preserve Dr	Manhole	S110F021	UNK ²	6,215	North Chickamauga Creek	Wet Weather
72 ¹	02-Mar-18	11:50 AM	2137 Storage St	Manhole	S138O013	20.17	401,000	Mackey Branch	Wet Weather
73	02-Mar-18	2:00 PM	1511 Riverview Rd	Manhole	S136B014	20.00	60,000	Tennessee River	Wet Weather
74	02-Mar-18	2:30 PM	406 Brown Rd	Manhole	S158I059	22.67	6,800	South Chickamauga Creek	Wet Weather
75	04-Mar-18	5:00 PM	3808 Memphis Dr	Manhole	S118E058	UNK ²	72	Tennessee River	Wet Weather
76	05-Mar-18	8:30 AM	5014 Creekside Preserve	Service Line	N/A	UNK ²	2,000	North Chickamauga Creek	Wet Weather
77 ¹	05-Mar-18	11:15 AM	406 Brown Rd	Manhole	UNK ²	UNK ²	350,000	South Chickamauga Creek	Wet Weather
78 ¹	05-Mar-18	2:00 PM	2137 Storage St	Manhole	S138B032	UNK ²	200,000	Friars Branch	Wet Weather

**Table 2-1
Quarterly SSO Report**

SSO ID	Start Date	Start Time	Location	Source	MH ID#	Estimated Duration (hrs)	Estimated Volume (gal)	SSO Destination	Cause
79	08-Mar-18	4:05 PM	520 Airport Rd	Manhole	S158A019	UNK ²	150,000	South Chickamauga Creek	Wet Weather
80	15-Mar-18	2:00 PM	900 Wauhatchie Pike	Force Main	N/A	21.00	200,000	Storm Drain	Break
81	22-Mar-18	5:00 PM	6748 Sandwitch Rd	Service Line	N/A	4.50	758	Land*	Blockage - Grease
82 ¹	26-Mar-18	11:50 AM	1207 Radmoor Ln (E.Brainerd Pump Station)	Manhole	S158K086	1.67	275	South Chickamauga Creek	Construction/ Maintenance Related
83	29-Mar-18	11:00 AM	1001 Airport Rd	Manhole	S157E016	UNK ²	82,000	South Chickamauga Creek	Wet Weather

¹ Common Cause, within 500 yards of separate event

² This information was not available at time of reporting.

* Did not reach waters of the United States.

3.0 Moccasin Bend WWTP Bypasses

The CD sets forth the same definition for bypass as the EPA's regulations at 40 C.F.R. § 122.41(m), which defines a bypass as the intentional diversion of waste streams from any portion of a treatment facility. The City's current NPDES permit defines a bypass as the intentional diversion of wastewater away from any portion of a treatment facility other than through peak excess flow treatment facilities or permitted outfalls in accordance with both the long-term control plan and the nine minimum technology-based effluent controls for combined sewer systems. The City reports bypasses and wet weather discharges separately on the monthly Discharge Monitoring Reports, as a discharge from the City's permitted wet weather discharge is not a bypass under the City's current NPDES permit. Based on the foregoing, the WWTP experienced no bypasses during the reporting period of January 1, 2018 through March 31, 2018.

4.0 CSO Outfall Discharges

For the reporting period of January 1, 2018 through March 31, 2018 Chattanooga experienced CSO discharges from CSO outfall treatment facilities as listed in Table 4-1. Paragraph 8.(h) of the CD defines a CSO as “any discharge from the CSS from any outfall currently identified, or identified in the future, as a permitted combined sewer overflow outfall in any Chattanooga NPDES permit from which CSOs are discharged to waters of the United States or the State.” The CSS is defined as the portion of Chattanooga’s wastewater collection and transmission system (“WCTS”) designed to convey municipal sewage (domestic, commercial and industrial wastewaters) and storm water runoff through a single-pipe system to Chattanooga’s WWTP or CSO outfalls. Chattanooga operates eight (8) permitted CSO outfall treatment facilities, eight (8) of which discharged during the reporting period.

**Table 4-1
Quarterly CSO Outfall Discharge Report**

January 1, 2018 – March 31, 2018						
Start Date	Start Time	Location/Nearest Stream	Duration (hrs)	Volume (MG)	Receiving Water	Cause
4-Feb-18	11:38 AM	ML King CSO (007)	0.32	0.003428	Tennessee River	Rain Event
7-Feb-18	6:15 AM	Central Ave. CSO (002)	17.52	6.696316	Tennessee River	Rain Event
7-Feb-18	6:21 AM	ML King CSO (007)	5.03	0.669220	Tennessee River	Rain Event
7-Feb-18	3:58 PM	19th St. CSO (008)	0.05	0.002192	Tennessee River	Rain Event
7-Feb-18	6:37 AM	Carter St. CSO (009)	2.75	1.574589	Tennessee River	Rain Event
10-Feb thru 11-Feb	7:11 PM	Central Ave. CSO (002)	19.72	11.517589	Tennessee River	Rain Event
10-Feb thru 12-Feb	8:18 PM	Citico CSO (004)	32.87	10.944846	Tennessee River	Rain Event
10-Feb thru 11-Feb	6:20 PM	Tremont CSO (005)	6.82	1.007620	Tennessee River	Rain Event
10-Feb thru 11-Feb	7:38 PM	Ross's Landing CSO (006)	0.65	1.040180	Tennessee River	Rain Event
10-Feb thru 11-Feb	5:48 PM	ML King CSO (007)	16.62	1.900956	Tennessee River	Rain Event
10-Feb thru 11-Feb	6:38 PM	19th St. CSO (008)	3.68	0.475858	Tennessee River	Rain Event
10-Feb thru 11-Feb	6:23 PM	Carter St. CSO (009)	7.98	3.460388	Tennessee River	Rain Event
10-Feb thru 12-Feb	4:58 AM	William's St. CSO (003)	30.45	11.581867	Tennessee River	Rain Event
14-Feb thru 15-Feb	8:59 PM	ML King CSO (007)	3.60	0.099519	Tennessee River	Rain Event
25-Feb-18	7:47 AM	Central Ave. CSO (002)	1.13	0.001747	Tennessee River	Rain Event
26-Feb-18	6:27 AM	Central Ave. CSO (002)	5.42	0.172780	Tennessee River	Rain Event
28-Feb-18	9:49 AM	Central Ave. CSO (002)	13.28	21.066423	Tennessee River	Rain Event
28-Feb-18	1:18 PM	William's St. CSO (003)	10.70	15.301815	Tennessee River	Rain Event
28-Feb-18	11:30 AM	Citico CSO (004)	12.50	12.582750	Tennessee River	Rain Event
28-Feb-18	10:03 AM	Tremont CSO (005)	12.93	3.276885	Tennessee River	Rain Event

**Table 4-1
Quarterly CSO Outfall Discharge Report**

January 1, 2018 – March 31, 2018						
Start Date	Start Time	Location/Nearest Stream	Duration (hrs)	Volume (MG)	Receiving Water	Cause
28-Feb-18	12:13 PM	Ross's Landing CSO (006)	11.77	11.936695	Tennessee River	Rain Event
28-Feb-18	8:20 AM	ML King CSO (007)	15.62	4.603627	Tennessee River	Rain Event
28-Feb-18	9:19 AM	19th St. CSO (008)	12.35	4.041210	Tennessee River	Rain Event
28-Feb-18	9:51 AM	Carter St. CSO (009)	14.10	12.502017	Tennessee River	Rain Event
1-Mar thru 3-Mar	12:00 AM	William's St. CSO (003)	64.60	63.636658	Tennessee River	Rain Event
1-Mar thru 3-Mar	12:00 AM	Citico CSO (004)	64.30	16.839112	Tennessee River	Rain Event
1-Mar-18	12:00 AM	Tremont CSO (005)	12.03	1.172342	Tennessee River	Rain Event
1-Mar-18	12:00 AM	Ross's Landing CSO (006)	11.60	1.501412	Tennessee River	Rain Event
1-Mar thru 2-Mar	12:00 AM	ML King CSO (007)	19.35	1.094279	Tennessee River	Rain Event
1-Mar-18	12:00 AM	19th St. CSO (008)	5.13	4.581014	Tennessee River	Rain Event
1-Mar thru 2-Mar	12:00 AM	Carter St. CSO (009)	35.27	39.339349	Tennessee River	Rain Event
3-Mar thru 5-Mar	8:30 PM	Central Ave. CSO (002)	35.13	0.279918	Tennessee River	Rain Event
19-Mar-18	11:05 PM	Central Ave. CSO (002)	18.62	0.785298	Tennessee River	Rain Event
19-Mar-18	6:14 PM	Tremont CSO (005)	0.40	0.190199	Tennessee River	Rain Event
19-Mar-18	10:09 PM	ML King CSO (007)	1.20	0.080224	Tennessee River	Rain Event
19-Mar-18	10:03 PM	Carter St. CSO (009)	1.65	0.643930	Tennessee River	Rain Event