

CSO 004

**Sanitary Sewer Overflow
DISCHARGE MONITORING REPORT (DMR)**

Outfall Number: CSO 004
 Overflow Location: 3rd St., CSO
 Flow Data Collected By: Dmarch Environmental, Inc.
 Rain Data Collected By: Dmarch Environmental, Inc.
 Rain Gauge Location: New Ken Plant

MONITORED PERIOD: June 1, 2016 through June 30, 2016

Date	Overflow Duration (min)	Overflow Duration (hrs)	Total Overflow (GPD)	Total (24 hr.) Precip. (in.)	Total Overflow (MGD)	Precip Duration (min.)	Precip. Duration (hrs.)	Precip. Intensity (inches/hr.)	Precip. Max Intensity (inches/hr.)
1-Jun-2016									
2-Jun-2016				0.36		150	2.5	0.14	0.09
3-Jun-2016	45	0.8	20402	0.24	0.020	105	1.8	0.14	0.16
4-Jun-2016									
5-Jun-2016				0.18		135	2.3	0.08	0.09
6-Jun-2016	55	0.9	44686	0.33	0.045	90	1.5	0.22	0.21
7-Jun-2016				0.18		60	1.0	0.18	0.10
8-Jun-2016				0.04		15	0.3	0.16	0.04
9-Jun-2016									
10-Jun-2016									
11-Jun-2016									
12-Jun-2016									
13-Jun-2016									
14-Jun-2016									
15-Jun-2016				0.24		45	0.8	0.32	0.23
16-Jun-2016	445	7.4	1690690	2.45	1.691	405	6.8	0.36	1.11
17-Jun-2016	75	1.3	13847	0.03	0.014	45	0.8	0.04	0.03
18-Jun-2016									
19-Jun-2016									
20-Jun-2016									
21-Jun-2016									
22-Jun-2016									
23-Jun-2016	45	0.8	32196	0.64	0.032	240	4.0	0.16	0.19
24-Jun-2016									
25-Jun-2016									
26-Jun-2016									
27-Jun-2016									
28-Jun-2016									
29-Jun-2016									
30-Jun-2016									
Total	665	11.1	1801820	4.69	1.802	1290	21.5		

CSO 005

**Sanitary Sewer Overflow
DISCHARGE MONITORING REPORT (DMR)**

Outfall Number: CSO 005
 Overflow Location: 4th Street
 Flow Data Collected By: Dmarch Environmental, Inc.
 Rain Data Collected By: Dmarch Environmental, Inc.
 Rain Gauge Location: New Ken Plant

MONITORED PERIOD: June 1, 2016 through June 30, 2016

Date	Overflow Duration (min)	Overflow Duration (hrs)	Total Overflow (GPD)	Total (24 hr.) Precip. (in.)	Total Overflow (MGD)	Precip. Duration (min.)	Precip. Duration (hrs.)	Precip. Intensity (inches/hr.)	Precip. Max Intensity (inches/hr.)
1-Jun-2016									
2-Jun-2016				0.36		150	2.5	0.14	0.09
3-Jun-2016				0.24		105	1.8	0.14	0.16
4-Jun-2016									
5-Jun-2016				0.18		135	2.3	0.08	0.09
6-Jun-2016	40	0.7	51010	0.33	0.051	90	1.5	0.22	0.21
7-Jun-2016				0.18		60	1.0	0.18	0.10
8-Jun-2016				0.04		15	0.3	0.16	0.04
9-Jun-2016									
10-Jun-2016									
11-Jun-2016									
12-Jun-2016									
13-Jun-2016									
14-Jun-2016									
15-Jun-2016				0.24		45	0.8	0.32	0.23
16-Jun-2016	240	4.0	888115	2.45	0.888	405	6.8	0.36	1.11
17-Jun-2016				0.03		45	0.8	0.04	0.03
18-Jun-2016									
19-Jun-2016									
20-Jun-2016									
21-Jun-2016									
22-Jun-2016									
23-Jun-2016				0.64		240	4.0	0.16	0.19
24-Jun-2016									
25-Jun-2016									
26-Jun-2016									
27-Jun-2016									
28-Jun-2016									
29-Jun-2016									
30-Jun-2016									
Total	280	4.7	939125	4.69	0.939	1290	21.5		

CSO 006

**Sanitary Sewer Overflow
DISCHARGE MONITORING REPORT (DMR)**

Outfall Number: CSO 006
 Overflow Location: 5th Street
 Flow Data Collected By: Dmach Environmental, Inc.
 Rain Data Collected By: Dmach Environmental, Inc.
 Rain Gauge Location: New Ken Plant

MONITORED PERIOD: June 1, 2016 through June 30, 2016

Date	Overflow Duration (min)	Overflow Duration (hrs)	Total Overflow (GPD)	Total (24 hr.) Precip. (in.)	Total Overflow (MGD)	Precip. Duration (min.)	Precip. Duration (hrs.)	Precip. Intensity (inches/hr.)	Precip. Max Intensity (inches/hr.)
1-Jun-2016									
2-Jun-2016				0.36		150	2.5	0.14	0.09
3-Jun-2016				0.24		105	1.8	0.14	0.16
4-Jun-2016									
5-Jun-2016				0.18		135	2.3	0.08	0.09
6-Jun-2016				0.33		90	1.5	0.22	0.21
7-Jun-2016				0.18		60	1.0	0.18	0.10
8-Jun-2016				0.04		15	0.3	0.16	0.04
9-Jun-2016									
10-Jun-2016									
11-Jun-2016									
12-Jun-2016									
13-Jun-2016									
14-Jun-2016									
15-Jun-2016				0.24		45	0.8	0.32	0.23
16-Jun-2016				2.45		405	6.8	0.36	1.11
17-Jun-2016				0.03		45	0.8	0.04	0.03
18-Jun-2016									
19-Jun-2016									
20-Jun-2016									
21-Jun-2016									
22-Jun-2016									
23-Jun-2016				0.64		240	4.0	0.16	0.19
24-Jun-2016									
25-Jun-2016									
26-Jun-2016									
27-Jun-2016									
28-Jun-2016									
29-Jun-2016									
30-Jun-2016									
Total	0	0.0	0	4.69	0.000	1290	21.5		

CSO 007

**Sanitary Sewer Overflow
DISCHARGE MONITORING REPORT (DMR)**

Outfall Number: CSO 007
 Overflow Location: 6th Street
 Flow Data Collected By: Dmach Environmental, Inc.
 Rain Data Collected By: Dmach Environmental, Inc.
 Rain Gauge Location: New Ken Plant

MONITORED PERIOD: June 1, 2016 through June 30, 2016

Date	Overflow Duration (min)	Overflow Duration (hrs)	Total Overflow (GPD)	Total (24 hr.) Precip. (in.)	Total Overflow (MGD)	Precip. Duration (min.)	Precip. Duration (hrs.)	Precip. Intensity (inches/hr.)	Precip. Max Intensity (inches/hr.)
1-Jun-2016									
2-Jun-2016				0.36		150	2.5	0.14	0.09
3-Jun-2016				0.24		105	1.8	0.14	0.16
4-Jun-2016									
5-Jun-2016				0.18		135	2.3	0.08	0.09
6-Jun-2016				0.33		90	1.5	0.22	0.21
7-Jun-2016				0.18		60	1.0	0.18	0.10
8-Jun-2016				0.04		15	0.3	0.16	0.04
9-Jun-2016									
10-Jun-2016									
11-Jun-2016									
12-Jun-2016									
13-Jun-2016									
14-Jun-2016									
15-Jun-2016				0.24		45	0.8	0.32	0.23
16-Jun-2016	35	0.6	89468	2.45	0.089	405	6.8	0.36	1.11
17-Jun-2016				0.03		45	0.8	0.04	0.03
18-Jun-2016									
19-Jun-2016									
20-Jun-2016									
21-Jun-2016									
22-Jun-2016									
23-Jun-2016				0.64		240	4.0	0.16	0.19
24-Jun-2016									
25-Jun-2016									
26-Jun-2016									
27-Jun-2016									
28-Jun-2016									
29-Jun-2016									
30-Jun-2016									
Total	35	0.6	89468	4.69	0.089	1290	21.5		

CSO 008

**Sanitary Sewer Overflow
DISCHARGE MONITORING REPORT (DMR)**

Outfall Number: CSO 008
 Overflow Location: 7th Street
 Flow Data Collected By: Dmach Environmental, Inc.
 Rain Data Collected By: Dmach Environmental, Inc.
 Rain Gauge Location: New Ken Plant

MONITORED PERIOD: June 1, 2016 through June 30, 2016

Date	Overflow Duration (min)	Overflow Duration (hrs)	Total Overflow (GPD)	Total (24 hr.) Precip. (in.)	Total Overflow (MGD)	Precip. Duration (min.)	Precip. Duration (hrs.)	Precip. Intensity (inches/hr.)	Precip. Max Intensity (inches/hr.)
1-Jun-2016									
2-Jun-2016				0.36		150	2.5	0.14	0.09
3-Jun-2016				0.24		105	1.8	0.14	0.16
4-Jun-2016									
5-Jun-2016				0.18		135	2.3	0.08	0.09
6-Jun-2016	10	0.2	101	0.33	0.000	90	1.5	0.22	0.21
7-Jun-2016				0.18		60	1.0	0.18	0.10
8-Jun-2016				0.04		15	0.3	0.16	0.04
9-Jun-2016									
10-Jun-2016									
11-Jun-2016									
12-Jun-2016									
13-Jun-2016									
14-Jun-2016									
15-Jun-2016				0.24		45	0.8	0.32	0.23
16-Jun-2016	95	1.6	187710	2.45	0.188	405	6.8	0.36	1.11
17-Jun-2016				0.03		45	0.8	0.04	0.03
18-Jun-2016									
19-Jun-2016									
20-Jun-2016									
21-Jun-2016									
22-Jun-2016									
23-Jun-2016				0.64		240	4.0	0.16	0.19
24-Jun-2016									
25-Jun-2016									
26-Jun-2016									
27-Jun-2016									
28-Jun-2016									
29-Jun-2016									
30-Jun-2016									
Total	105	1.8	187811	4.69	0.188	1290	21.5		

CSO 009

**Sanitary Sewer Overflow
DISCHARGE MONITORING REPORT (DMR)**

Outfall Number: CSO 009
 Overflow Location: 9th Street
 Flow Data Collected By: Dmarch Environmental, Inc.
 Rain Data Collected By: Dmarch Environmental, Inc.
 Rain Gauge Location: New Ken Plant

MONITORED PERIOD: June 1, 2016 through June 30, 2016

Date	Overflow Duration (min)	Overflow Duration (hrs)	Total Overflow (GPD)	Total (24-hr.) Precip. (in.)	Total Overflow (MGD)	Precip. Duration (min.)	Precip. Duration (hrs.)	Precip. Intensity (inches/hr.)	Precip. Max Intensity (inches/hr.)
1-Jun-2016									
2-Jun-2016				0.36		150	2.5	0.14	0.09
3-Jun-2016				0.24		105	1.8	0.14	0.16
4-Jun-2016									
5-Jun-2016				0.18		135	2.3	0.08	0.09
6-Jun-2016	30	0.5	5587	0.33	0.006	90	1.5	0.22	0.21
7-Jun-2016				0.18		60	1.0	0.18	0.10
8-Jun-2016				0.04		15	0.3	0.16	0.04
9-Jun-2016									
10-Jun-2016									
11-Jun-2016									
12-Jun-2016									
13-Jun-2016									
14-Jun-2016									
15-Jun-2016				0.24		45	0.8	0.32	0.23
16-Jun-2016	70	1.2	18649	2.45	0.019	405	6.8	0.36	1.11
17-Jun-2016				0.03		45	0.8	0.04	0.03
18-Jun-2016									
19-Jun-2016									
20-Jun-2016									
21-Jun-2016									
22-Jun-2016									
23-Jun-2016				0.64		240	4.0	0.16	0.19
24-Jun-2016									
25-Jun-2016									
26-Jun-2016									
27-Jun-2016									
28-Jun-2016									
29-Jun-2016									
30-Jun-2016									
Total	100	1.7	24236	4.69	0.024	1290	21.5		