

CSO 004

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

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

MONITORED PERIOD: July 1, 2016 through July 31, 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-Jul-2016									
2-Jul-2016									
3-Jul-2016									
4-Jul-2016				0.15		150	2.5	0.06	0.08
5-Jul-2016									
6-Jul-2016				0.51		135	2.3	0.23	0.19
7-Jul-2016									
8-Jul-2016									
9-Jul-2016									
10-Jul-2016									
11-Jul-2016									
12-Jul-2016									
13-Jul-2016									
14-Jul-2016	15	0.3	2586	0.50	0.003	90	1.5	0.33	0.37
15-Jul-2016									
16-Jul-2016				0.08		30	0.5	0.16	0.08
17-Jul-2016				0.01		15	0.3	0.04	0.01
18-Jul-2016				0.03		45	0.8	0.04	0.03
19-Jul-2016									
20-Jul-2016									
21-Jul-2016									
22-Jul-2016	70	1.2	37444	0.36	0.037	60	1.0	0.36	0.36
23-Jul-2016									
24-Jul-2016				0.31		75	1.3	0.25	0.27
25-Jul-2016									
26-Jul-2016									
27-Jul-2016									
28-Jul-2016				0.20		180	3.0	0.07	0.12
29-Jul-2016									
30-Jul-2016	125	2.1	348499	0.63	0.348	255	4.3	0.15	0.26
31-Jul-2016				0.26		45	0.8	0.35	0.25
Total	210	3.5	388528	3.04	0.389	1080	18.0		

CSO 005

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

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

MONITORED PERIOD: July 1, 2016 through July 31, 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-Jul-2016									
2-Jul-2016									
3-Jul-2016									
4-Jul-2016				0.15		150	2.5	0.06	0.08
5-Jul-2016									
6-Jul-2016				0.51		135	2.3	0.23	0.19
7-Jul-2016									
8-Jul-2016									
9-Jul-2016									
10-Jul-2016									
11-Jul-2016									
12-Jul-2016									
13-Jul-2016									
14-Jul-2016	20	0.3	76762	0.50	0.077	90	1.5	0.33	0.37
15-Jul-2016									
16-Jul-2016				0.08		30	0.5	0.16	0.08
17-Jul-2016				0.01		15	0.3	0.04	0.01
18-Jul-2016				0.03		45	0.8	0.04	0.03
19-Jul-2016									
20-Jul-2016									
21-Jul-2016									
22-Jul-2016	50	0.8	93061	0.36	0.093	60	1.0	0.36	0.36
23-Jul-2016									
24-Jul-2016				0.31		75	1.3	0.25	0.27
25-Jul-2016									
26-Jul-2016									
27-Jul-2016									
28-Jul-2016				0.20		180	3.0	0.07	0.12
29-Jul-2016									
30-Jul-2016	100	1.7	186849	0.63	0.187	255	4.3	0.15	0.26
31-Jul-2016	10	0.2	19670	0.26	0.020	45	0.8	0.35	0.25
Total	180	3.0	376343	3.04	0.376	1080	18.0		

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: July 1, 2016 through July 31, 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-Jul-2016									
2-Jul-2016									
3-Jul-2016									
4-Jul-2016				0.15		150	2.5	0.06	0.08
5-Jul-2016									
6-Jul-2016				0.51		135	2.3	0.23	0.19
7-Jul-2016									
8-Jul-2016									
9-Jul-2016									
10-Jul-2016									
11-Jul-2016									
12-Jul-2016									
13-Jul-2016									
14-Jul-2016				0.50		90	1.5	0.33	0.37
15-Jul-2016									
16-Jul-2016				0.08		30	0.5	0.16	0.08
17-Jul-2016				0.01		15	0.3	0.04	0.01
18-Jul-2016				0.03		45	0.8	0.04	0.03
19-Jul-2016									
20-Jul-2016									
21-Jul-2016									
22-Jul-2016				0.36		60	1.0	0.36	0.36
23-Jul-2016									
24-Jul-2016				0.31		75	1.3	0.25	0.27
25-Jul-2016									
26-Jul-2016									
27-Jul-2016									
28-Jul-2016				0.20		180	3.0	0.07	0.12
29-Jul-2016									
30-Jul-2016				0.63		255	4.3	0.15	0.26
31-Jul-2016				0.26		45	0.8	0.35	0.25
Total	0	0.0	0	3.04	0.000	1080	18.0		

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: July 1, 2016 through July 31, 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-Jul-2016									
2-Jul-2016									
3-Jul-2016									
4-Jul-2016				0.15		150	2.5	0.06	0.08
5-Jul-2016									
6-Jul-2016				0.51		135	2.3	0.23	0.19
7-Jul-2016									
8-Jul-2016									
9-Jul-2016									
10-Jul-2016									
11-Jul-2016									
12-Jul-2016									
13-Jul-2016									
14-Jul-2016				0.50		90	1.5	0.33	0.37
15-Jul-2016									
16-Jul-2016				0.08		30	0.5	0.16	0.08
17-Jul-2016				0.01		15	0.3	0.04	0.01
18-Jul-2016				0.03		45	0.8	0.04	0.03
19-Jul-2016									
20-Jul-2016									
21-Jul-2016									
22-Jul-2016				0.36		60	1.0	0.36	0.36
23-Jul-2016									
24-Jul-2016				0.31		75	1.3	0.25	0.27
25-Jul-2016									
26-Jul-2016									
27-Jul-2016									
28-Jul-2016				0.20		180	3.0	0.07	0.12
29-Jul-2016									
30-Jul-2016				0.63		255	4.3	0.15	0.26
31-Jul-2016				0.26		45	0.8	0.35	0.25
Total	0	0.0	0	3.04	0.000	1080	18.0		

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: July 1, 2016 through July 31, 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-Jul-2016									
2-Jul-2016									
3-Jul-2016									
4-Jul-2016				0.15		150	2.5	0.06	0.08
5-Jul-2016									
6-Jul-2016				0.51		135	2.3	0.23	0.19
7-Jul-2016									
8-Jul-2016									
9-Jul-2016									
10-Jul-2016									
11-Jul-2016									
12-Jul-2016									
13-Jul-2016									
14-Jul-2016				0.50		90	1.5	0.33	0.37
15-Jul-2016									
16-Jul-2016				0.08		30	0.5	0.16	0.08
17-Jul-2016				0.01		15	0.3	0.04	0.01
18-Jul-2016				0.03		45	0.8	0.04	0.03
19-Jul-2016									
20-Jul-2016									
21-Jul-2016									
22-Jul-2016	15	0.3	1280	0.36	0.001	60	1.0	0.36	0.36
23-Jul-2016									
24-Jul-2016				0.31		75	1.3	0.25	0.27
25-Jul-2016									
26-Jul-2016									
27-Jul-2016									
28-Jul-2016				0.20		180	3.0	0.07	0.12
29-Jul-2016									
30-Jul-2016	10	0.2	3242	0.63	0.003	255	4.3	0.15	0.26
31-Jul-2016				0.26		45	0.8	0.35	0.25
Total	25	0.4	4522	3.04	0.005	1080	18.0		

CSO 009

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

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

MONITORED PERIOD: July 1, 2016 through July 31, 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-Jul-2016									
2-Jul-2016									
3-Jul-2016									
4-Jul-2016				0.15		150	2.5	0.06	0.08
5-Jul-2016									
6-Jul-2016				0.51		135	2.3	0.23	0.19
7-Jul-2016									
8-Jul-2016									
9-Jul-2016									
10-Jul-2016									
11-Jul-2016									
12-Jul-2016									
13-Jul-2016									
14-Jul-2016	10	0.2	2389	0.50	0.002	90	1.5	0.33	0.37
15-Jul-2016									
16-Jul-2016				0.08		30	0.5	0.16	0.08
17-Jul-2016				0.01		15	0.3	0.04	0.01
18-Jul-2016				0.03		45	0.8	0.04	0.03
19-Jul-2016									
20-Jul-2016									
21-Jul-2016									
22-Jul-2016	25	0.4	6424	0.36	0.006	60	1.0	0.36	0.36
23-Jul-2016									
24-Jul-2016				0.31		75	1.3	0.25	0.27
25-Jul-2016									
26-Jul-2016									
27-Jul-2016									
28-Jul-2016				0.20		180	3.0	0.07	0.12
29-Jul-2016									
30-Jul-2016	25	0.4	5212	0.63	0.005	255	4.3	0.15	0.26
31-Jul-2016				0.26		45	0.8	0.35	0.25
Total	60	1.0	14024	3.04	0.014	1080	18.0		