

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: April 1, 2016 through April 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-Apr-2016				0.04		45	0.8	0.05	0.02
2-Apr-2016				0.21		105	1.8	0.12	0.10
3-Apr-2016				0.01		15	0.3	0.04	0.01
4-Apr-2016				0.17		150	2.5	0.07	0.08
5-Apr-2016									
6-Apr-2016									
7-Apr-2016				0.23		270	4.5	0.05	0.06
8-Apr-2016				0.06		90	1.5	0.04	0.02
9-Apr-2016				0.23		180	3.0	0.08	0.06
10-Apr-2016									
11-Apr-2016	65	1.1	78988	0.52	0.079	480	8.0	0.07	0.11
12-Apr-2016	100	1.7	117643	0.11	0.118	90	1.5	0.07	0.09
13-Apr-2016									
14-Apr-2016									
15-Apr-2016									
16-Apr-2016									
17-Apr-2016									
18-Apr-2016									
19-Apr-2016									
20-Apr-2016									
21-Apr-2016									
22-Apr-2016				0.28		180	3.0	0.09	0.12
23-Apr-2016				0.02		30	0.5	0.04	0.01
24-Apr-2016									
25-Apr-2016				0.01		15	0.3	0.04	0.01
26-Apr-2016				0.07		45	0.8	0.09	0.07
27-Apr-2016									
28-Apr-2016				0.23		165	2.8	0.08	0.12
29-Apr-2016									
30-Apr-2016				0.08		45	0.8	0.11	0.08
Total	165	2.8	196631	2.27	0.197	1905	31.8		

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: April 1, 2016 through April 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-Apr-2016				0.04		45	0.8	0.05	0.02
2-Apr-2016				0.21		105	1.8	0.12	0.10
3-Apr-2016				0.01		15	0.3	0.04	0.01
4-Apr-2016				0.17		150	2.5	0.07	0.08
5-Apr-2016									
6-Apr-2016									
7-Apr-2016				0.23		270	4.5	0.05	0.06
8-Apr-2016				0.06		90	1.5	0.04	0.02
9-Apr-2016				0.23		180	3.0	0.08	0.06
10-Apr-2016									
11-Apr-2016				0.52		480	8.0	0.07	0.11
12-Apr-2016				0.11		90	1.5	0.07	0.09
13-Apr-2016									
14-Apr-2016									
15-Apr-2016									
16-Apr-2016									
17-Apr-2016									
18-Apr-2016									
19-Apr-2016									
20-Apr-2016									
21-Apr-2016									
22-Apr-2016				0.28		180	3.0	0.09	0.12
23-Apr-2016				0.02		30	0.5	0.04	0.01
24-Apr-2016									
25-Apr-2016				0.01		15	0.3	0.04	0.01
26-Apr-2016				0.07		45	0.8	0.09	0.07
27-Apr-2016									
28-Apr-2016				0.23		165	2.8	0.08	0.12
29-Apr-2016									
30-Apr-2016				0.08		45	0.8	0.11	0.08
Total	0	0.0	0	2.27	0.000	1905	31.8		

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: April 1, 2016 through April 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-Apr-2016				0.04		45	0.8	0.05	0.02
2-Apr-2016				0.21		105	1.8	0.12	0.10
3-Apr-2016				0.01		15	0.3	0.04	0.01
4-Apr-2016				0.17		150	2.5	0.07	0.08
5-Apr-2016									
6-Apr-2016									
7-Apr-2016				0.23		270	4.5	0.05	0.06
8-Apr-2016				0.06		90	1.5	0.04	0.02
9-Apr-2016				0.23		180	3.0	0.08	0.06
10-Apr-2016									
11-Apr-2016				0.52		480	8.0	0.07	0.11
12-Apr-2016				0.11		90	1.5	0.07	0.09
13-Apr-2016									
14-Apr-2016									
15-Apr-2016									
16-Apr-2016									
17-Apr-2016									
18-Apr-2016									
19-Apr-2016									
20-Apr-2016									
21-Apr-2016									
22-Apr-2016				0.28		180	3.0	0.09	0.12
23-Apr-2016				0.02		30	0.5	0.04	0.01
24-Apr-2016									
25-Apr-2016				0.01		15	0.3	0.04	0.01
26-Apr-2016				0.07		45	0.8	0.09	0.07
27-Apr-2016									
28-Apr-2016				0.23		165	2.8	0.08	0.12
29-Apr-2016									
30-Apr-2016				0.08		45	0.8	0.11	0.08
Total	0	0.0	0	2.27	0.000	1905	31.8		

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: April 1, 2016 through April 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-Apr-2016				0.04		45	0.8	0.05	0.02
2-Apr-2016				0.21		105	1.8	0.12	0.10
3-Apr-2016				0.01		15	0.3	0.04	0.01
4-Apr-2016				0.17		150	2.5	0.07	0.08
5-Apr-2016									
6-Apr-2016									
7-Apr-2016				0.23		270	4.5	0.05	0.06
8-Apr-2016				0.06		90	1.5	0.04	0.02
9-Apr-2016				0.23		180	3.0	0.08	0.06
10-Apr-2016									
11-Apr-2016				0.52		480	8.0	0.07	0.11
12-Apr-2016				0.11		90	1.5	0.07	0.09
13-Apr-2016									
14-Apr-2016									
15-Apr-2016									
16-Apr-2016									
17-Apr-2016									
18-Apr-2016									
19-Apr-2016									
20-Apr-2016									
21-Apr-2016									
22-Apr-2016				0.28		180	3.0	0.09	0.12
23-Apr-2016				0.02		30	0.5	0.04	0.01
24-Apr-2016									
25-Apr-2016				0.01		15	0.3	0.04	0.01
26-Apr-2016				0.07		45	0.8	0.09	0.07
27-Apr-2016									
28-Apr-2016				0.23		165	2.8	0.08	0.12
29-Apr-2016									
30-Apr-2016				0.08		45	0.8	0.11	0.08
Total	0	0.0	0	2.27	0.000	1905	31.8		

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: April 1, 2016 through April 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-Apr-2016				0.04		45	0.8	0.05	0.02
2-Apr-2016				0.21		105	1.8	0.12	0.10
3-Apr-2016				0.01		15	0.3	0.04	0.01
4-Apr-2016				0.17		150	2.5	0.07	0.08
5-Apr-2016									
6-Apr-2016									
7-Apr-2016				0.23		270	4.5	0.05	0.06
8-Apr-2016				0.06		90	1.5	0.04	0.02
9-Apr-2016				0.23		180	3.0	0.08	0.06
10-Apr-2016									
11-Apr-2016				0.52		480	8.0	0.07	0.11
12-Apr-2016				0.11		90	1.5	0.07	0.09
13-Apr-2016									
14-Apr-2016									
15-Apr-2016									
16-Apr-2016									
17-Apr-2016									
18-Apr-2016									
19-Apr-2016									
20-Apr-2016									
21-Apr-2016									
22-Apr-2016				0.28		180	3.0	0.09	0.12
23-Apr-2016				0.02		30	0.5	0.04	0.01
24-Apr-2016									
25-Apr-2016				0.01		15	0.3	0.04	0.01
26-Apr-2016				0.07		45	0.8	0.09	0.07
27-Apr-2016									
28-Apr-2016				0.23		165	2.8	0.08	0.12
29-Apr-2016									
30-Apr-2016				0.08		45	0.8	0.11	0.08
Total	0	0.0	0	2.27	0.000	1905	31.8		

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: April 1, 2016 through April 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-Apr-2016				0.04		45	0.8	0.05	0.02
2-Apr-2016				0.21		105	1.8	0.12	0.10
3-Apr-2016				0.01		15	0.3	0.04	0.01
4-Apr-2016				0.17		150	2.5	0.07	0.08
5-Apr-2016									
6-Apr-2016									
7-Apr-2016				0.23		270	4.5	0.05	0.06
8-Apr-2016				0.06		90	1.5	0.04	0.02
9-Apr-2016				0.23		180	3.0	0.08	0.06
10-Apr-2016									
11-Apr-2016				0.52		480	8.0	0.07	0.11
12-Apr-2016				0.11		90	1.5	0.07	0.09
13-Apr-2016									
14-Apr-2016									
15-Apr-2016									
16-Apr-2016									
17-Apr-2016									
18-Apr-2016									
19-Apr-2016									
20-Apr-2016									
21-Apr-2016									
22-Apr-2016				0.28		180	3.0	0.09	0.12
23-Apr-2016				0.02		30	0.5	0.04	0.01
24-Apr-2016									
25-Apr-2016				0.01		15	0.3	0.04	0.01
26-Apr-2016				0.07		45	0.8	0.09	0.07
27-Apr-2016									
28-Apr-2016				0.23		165	2.8	0.08	0.12
29-Apr-2016									
30-Apr-2016				0.08		45	0.8	0.11	0.08
Total	0	0.0	0	2.27	0.000	1905	31.8		