

**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: March 1, 2016 through March 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-Mar-2016				0.25		165	2.8	0.09	0.11
2-Mar-2016				0.03		45	0.8	0.04	0.02
3-Mar-2016									
4-Mar-2016				0.10		90	1.5	0.07	0.08
5-Mar-2016									
6-Mar-2016									
7-Mar-2016									
8-Mar-2016									
9-Mar-2016									
10-Mar-2016				0.54		555	9.3	0.06	0.08
11-Mar-2016				0.08		90	1.5	0.05	0.05
12-Mar-2016									
13-Mar-2016				0.19		255	4.3	0.04	0.04
14-Mar-2016				0.10		120	2.0	0.05	0.04
15-Mar-2016									
16-Mar-2016									
17-Mar-2016									
18-Mar-2016									
19-Mar-2016									
20-Mar-2016				0.01		15	0.3	0.04	0.01
21-Mar-2016				0.01		15	0.3	0.04	0.01
22-Mar-2016									
23-Mar-2016									
24-Mar-2016				0.03		30	0.5	0.06	0.02
25-Mar-2016				0.14		120	2.0	0.07	0.06
26-Mar-2016									
27-Mar-2016									
28-Mar-2016	25	0.4	5924	0.31	0.006	120	2.0	0.16	0.25
29-Mar-2016				0.02		30	0.5	0.04	0.01
30-Mar-2016									
31-Mar-2016									
<b>Total</b>	<b>25</b>	<b>0.4</b>	<b>5924</b>	<b>1.81</b>	<b>0.006</b>	<b>1650</b>	<b>27.5</b>		

**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: March 1, 2016 through March 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-Mar-2016				0.25		165	2.8	0.09	0.11
2-Mar-2016				0.03		45	0.8	0.04	0.02
3-Mar-2016									
4-Mar-2016				0.10		90	1.5	0.07	0.08
5-Mar-2016									
6-Mar-2016									
7-Mar-2016									
8-Mar-2016									
9-Mar-2016									
10-Mar-2016				0.54		555	9.3	0.06	0.08
11-Mar-2016				0.08		90	1.5	0.05	0.05
12-Mar-2016									
13-Mar-2016				0.23		285	4.8	0.05	0.04
14-Mar-2016				0.06		90	1.5	0.04	0.02
15-Mar-2016									
16-Mar-2016									
17-Mar-2016									
18-Mar-2016									
19-Mar-2016									
20-Mar-2016				0.02		30	0.5	0.04	0.01
21-Mar-2016									
22-Mar-2016									
23-Mar-2016									
24-Mar-2016				0.05		60	1.0	0.05	0.02
25-Mar-2016				0.12		90	1.5	0.08	0.06
26-Mar-2016									
27-Mar-2016									
28-Mar-2016	15	0.3	14684	0.31	0.015	120	2.0	0.16	0.25
29-Mar-2016				0.02		30	0.5	0.04	0.01
30-Mar-2016									
31-Mar-2016									
<b>Total</b>	<b>15</b>	<b>0.3</b>	<b>14684</b>	<b>1.81</b>	<b>0.015</b>	<b>1650</b>	<b>27.5</b>		

**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: March 1, 2016 through March 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-Mar-2016				0.25		165	2.8	0.09	0.11
2-Mar-2016				0.03		45	0.8	0.04	0.02
3-Mar-2016									
4-Mar-2016				0.10		90	1.5	0.07	0.08
5-Mar-2016									
6-Mar-2016									
7-Mar-2016									
8-Mar-2016									
9-Mar-2016									
10-Mar-2016				0.54		555	9.3	0.06	0.08
11-Mar-2016				0.08		90	1.5	0.05	0.05
12-Mar-2016									
13-Mar-2016				0.19		255	4.3	0.04	0.04
14-Mar-2016				0.10		120	2.0	0.05	0.04
15-Mar-2016									
16-Mar-2016									
17-Mar-2016									
18-Mar-2016									
19-Mar-2016									
20-Mar-2016				0.01		15	0.3	0.04	0.01
21-Mar-2016				0.01		15	0.3	0.04	0.01
22-Mar-2016									
23-Mar-2016									
24-Mar-2016				0.03		30	0.5	0.06	0.02
25-Mar-2016				0.14		120	2.0	0.07	0.06
26-Mar-2016									
27-Mar-2016									
28-Mar-2016				0.31		120	2.0	0.16	0.25
29-Mar-2016				0.02		30	0.5	0.04	0.01
30-Mar-2016									
31-Mar-2016									
<b>Total</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>1.81</b>	<b>0.000</b>	<b>1650</b>	<b>27.5</b>		

**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: March 1, 2016 through March 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-Mar-2016				0.25		165	2.8	0.09	0.11
2-Mar-2016				0.03		45	0.8	0.04	0.02
3-Mar-2016									
4-Mar-2016				0.10		90	1.5	0.07	0.08
5-Mar-2016									
6-Mar-2016									
7-Mar-2016									
8-Mar-2016									
9-Mar-2016									
10-Mar-2016				0.54		555	9.3	0.06	0.08
11-Mar-2016				0.08		90	1.5	0.05	0.05
12-Mar-2016									
13-Mar-2016				0.19		255	4.3	0.04	0.04
14-Mar-2016				0.10		120	2.0	0.05	0.04
15-Mar-2016									
16-Mar-2016									
17-Mar-2016									
18-Mar-2016									
19-Mar-2016									
20-Mar-2016				0.01		15	0.3	0.04	0.01
21-Mar-2016				0.01		15	0.3	0.04	0.01
22-Mar-2016									
23-Mar-2016									
24-Mar-2016				0.03		30	0.5	0.06	0.02
25-Mar-2016				0.14		120	2.0	0.07	0.06
26-Mar-2016									
27-Mar-2016									
28-Mar-2016				0.31		120	2.0	0.16	0.25
29-Mar-2016				0.02		30	0.5	0.04	0.01
30-Mar-2016									
31-Mar-2016									
<b>Total</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>1.81</b>	<b>0.000</b>	<b>1650</b>	<b>27.5</b>		

**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: March 1, 2016 through March 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-Mar-2016				0.25		165	2.8	0.09	0.11
2-Mar-2016				0.03		45	0.8	0.04	0.02
3-Mar-2016									
4-Mar-2016				0.10		90	1.5	0.07	0.08
5-Mar-2016									
6-Mar-2016									
7-Mar-2016									
8-Mar-2016									
9-Mar-2016									
10-Mar-2016				0.54		555	9.3	0.06	0.08
11-Mar-2016				0.08		90	1.5	0.05	0.05
12-Mar-2016									
13-Mar-2016				0.19		255	4.3	0.04	0.04
14-Mar-2016				0.10		120	2.0	0.05	0.04
15-Mar-2016									
16-Mar-2016									
17-Mar-2016									
18-Mar-2016									
19-Mar-2016									
20-Mar-2016				0.01		15	0.3	0.04	0.01
21-Mar-2016				0.01		15	0.3	0.04	0.01
22-Mar-2016									
23-Mar-2016									
24-Mar-2016				0.03		30	0.5	0.06	0.02
25-Mar-2016				0.14		120	2.0	0.07	0.06
26-Mar-2016									
27-Mar-2016									
28-Mar-2016				0.31		120	2.0	0.16	0.25
29-Mar-2016				0.02		30	0.5	0.04	0.01
30-Mar-2016									
31-Mar-2016									
<b>Total</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>1.81</b>	<b>0.000</b>	<b>1650</b>	<b>27.5</b>		

**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: March 1, 2016 through March 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-Mar-2016				0.25		165	2.8	0.09	0.11
2-Mar-2016				0.03		45	0.8	0.04	0.02
3-Mar-2016									
4-Mar-2016				0.10		90	1.5	0.07	0.08
5-Mar-2016									
6-Mar-2016									
7-Mar-2016									
8-Mar-2016									
9-Mar-2016									
10-Mar-2016				0.54		555	9.3	0.06	0.08
11-Mar-2016				0.08		90	1.5	0.05	0.05
12-Mar-2016									
13-Mar-2016				0.19		255	4.3	0.04	0.04
14-Mar-2016				0.10		120	2.0	0.05	0.04
15-Mar-2016									
16-Mar-2016									
17-Mar-2016									
18-Mar-2016									
19-Mar-2016									
20-Mar-2016				0.01		15	0.3	0.04	0.01
21-Mar-2016				0.01		15	0.3	0.04	0.01
22-Mar-2016									
23-Mar-2016									
24-Mar-2016				0.03		30	0.5	0.06	0.02
25-Mar-2016				0.14		120	2.0	0.07	0.06
26-Mar-2016									
27-Mar-2016									
28-Mar-2016	5	0.1	438	0.31	0.000	120	2.0	0.16	0.25
29-Mar-2016				0.02		30	0.5	0.04	0.01
30-Mar-2016									
31-Mar-2016									
<b>Total</b>	<b>5</b>	<b>0.1</b>	<b>438</b>	<b>1.81</b>	<b>0.000</b>	<b>1650</b>	<b>27.5</b>		