

CSO 004

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

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

MONITORED PERIOD: December 1, 2016 through December 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-Dec-2016									
2-Dec-2016									
3-Dec-2016									
4-Dec-2016				0.10		105	1.8	0.06	0.07
5-Dec-2016				0.05		60	1.0	0.05	0.04
6-Dec-2016				0.38		360	6.0	0.06	0.09
7-Dec-2016									
8-Dec-2016									
9-Dec-2016									
10-Dec-2016									
11-Dec-2016				0.10		105	1.8	0.06	0.07
12-Dec-2016				0.45		300	5.0	0.09	0.12
13-Dec-2016				0.01		15	0.3	0.04	0.01
14-Dec-2016									
15-Dec-2016									
16-Dec-2016									
17-Dec-2016				0.60		525	8.8	0.07	0.21
18-Dec-2016	1405	23.4	10015056	0.75	10.015	450	7.5	0.10	0.13
19-Dec-2016	480	8.0	2732651		2.733				
20-Dec-2016									
21-Dec-2016									
22-Dec-2016									
23-Dec-2016									
24-Dec-2016				0.02		30	0.5	0.04	0.01
25-Dec-2016									
26-Dec-2016				0.05		60	1.0	0.05	0.02
27-Dec-2016				0.09		45	0.8	0.12	0.08
28-Dec-2016									
29-Dec-2016				0.11		135	2.3	0.05	0.06
30-Dec-2016				0.03		30	0.5	0.06	0.02
31-Dec-2016				0.03		45	0.8	0.04	0.01
Total	1885	31.4	12747707	2.77	12.748	2265	37.8		

CSO 005

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

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

MONITORED PERIOD: December 1, 2016 through December 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-Dec-2016									
2-Dec-2016									
3-Dec-2016									
4-Dec-2016				0.10		105	1.8	0.06	0.07
5-Dec-2016				0.05		60	1.0	0.05	0.04
6-Dec-2016				0.38		360	6.0	0.06	0.09
7-Dec-2016									
8-Dec-2016									
9-Dec-2016									
10-Dec-2016									
11-Dec-2016				0.10		105	1.8	0.06	0.07
12-Dec-2016				0.45		300	5.0	0.09	0.12
13-Dec-2016				0.01		15	0.3	0.04	0.01
14-Dec-2016									
15-Dec-2016									
16-Dec-2016									
17-Dec-2016				0.60		525	8.8	0.07	0.21
18-Dec-2016				0.75		450	7.5	0.10	0.13
19-Dec-2016									
20-Dec-2016									
21-Dec-2016									
22-Dec-2016									
23-Dec-2016									
24-Dec-2016				0.02		30	0.5	0.04	0.01
25-Dec-2016									
26-Dec-2016				0.05		60	1.0	0.05	0.02
27-Dec-2016				0.09		45	0.8	0.12	0.08
28-Dec-2016									
29-Dec-2016				0.11		135	2.3	0.05	0.06
30-Dec-2016				0.03		30	0.5	0.06	0.02
31-Dec-2016				0.03		45	0.8	0.04	0.01
Total	0	0.0	0	2.77	0.000	2265	37.8		

CSO 006

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

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

MONITORED PERIOD: December 1, 2016 through December 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-Dec-2016									
2-Dec-2016									
3-Dec-2016									
4-Dec-2016				0.10		105	1.8	0.06	0.07
5-Dec-2016				0.05		60	1.0	0.05	0.04
6-Dec-2016				0.38		360	6.0	0.06	0.09
7-Dec-2016									
8-Dec-2016									
9-Dec-2016									
10-Dec-2016									
11-Dec-2016				0.10		105	1.8	0.06	0.07
12-Dec-2016				0.45		300	5.0	0.09	0.12
13-Dec-2016				0.01		15	0.3	0.04	0.01
14-Dec-2016									
15-Dec-2016									
16-Dec-2016									
17-Dec-2016				0.60		525	8.8	0.07	0.21
18-Dec-2016				0.75		450	7.5	0.10	0.13
19-Dec-2016									
20-Dec-2016									
21-Dec-2016									
22-Dec-2016									
23-Dec-2016									
24-Dec-2016				0.02		30	0.5	0.04	0.01
25-Dec-2016									
26-Dec-2016				0.05		60	1.0	0.05	0.02
27-Dec-2016				0.09		45	0.8	0.12	0.08
28-Dec-2016									
29-Dec-2016				0.11		135	2.3	0.05	0.06
30-Dec-2016				0.03		30	0.5	0.06	0.02
31-Dec-2016				0.03		45	0.8	0.04	0.01
Total	0	0.0	0	2.77	0.000	2265	37.8		

CSO 007

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

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

MONITORED PERIOD: December 1, 2016 through December 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-Dec-2016									
2-Dec-2016									
3-Dec-2016									
4-Dec-2016				0.10		105	1.8	0.06	0.07
5-Dec-2016				0.05		60	1.0	0.05	0.04
6-Dec-2016				0.38		360	6.0	0.06	0.09
7-Dec-2016									
8-Dec-2016									
9-Dec-2016									
10-Dec-2016									
11-Dec-2016				0.10		105	1.8	0.06	0.07
12-Dec-2016				0.45		300	5.0	0.09	0.12
13-Dec-2016				0.01		15	0.3	0.04	0.01
14-Dec-2016									
15-Dec-2016									
16-Dec-2016									
17-Dec-2016				0.60		525	8.8	0.07	0.21
18-Dec-2016				0.75		450	7.5	0.10	0.13
19-Dec-2016									
20-Dec-2016									
21-Dec-2016									
22-Dec-2016									
23-Dec-2016									
24-Dec-2016				0.02		30	0.5	0.04	0.01
25-Dec-2016									
26-Dec-2016				0.05		60	1.0	0.05	0.02
27-Dec-2016				0.09		45	0.8	0.12	0.08
28-Dec-2016									
29-Dec-2016				0.11		135	2.3	0.05	0.06
30-Dec-2016				0.03		30	0.5	0.06	0.02
31-Dec-2016				0.03		45	0.8	0.04	0.01
Total	0	0.0	0	2.77	0.000	2265	37.8		

CSO 008

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

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

MONITORED PERIOD: December 1, 2016 through December 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-Dec-2016									
2-Dec-2016									
3-Dec-2016									
4-Dec-2016				0.10		105	1.8	0.06	0.07
5-Dec-2016				0.05		60	1.0	0.05	0.04
6-Dec-2016				0.38		360	6.0	0.06	0.09
7-Dec-2016									
8-Dec-2016									
9-Dec-2016									
10-Dec-2016									
11-Dec-2016				0.10		105	1.8	0.06	0.07
12-Dec-2016				0.45		300	5.0	0.09	0.12
13-Dec-2016				0.01		15	0.3	0.04	0.01
14-Dec-2016									
15-Dec-2016									
16-Dec-2016									
17-Dec-2016				0.60		525	8.8	0.07	0.21
18-Dec-2016				0.75		450	7.5	0.10	0.13
19-Dec-2016									
20-Dec-2016									
21-Dec-2016									
22-Dec-2016									
23-Dec-2016									
24-Dec-2016				0.02		30	0.5	0.04	0.01
25-Dec-2016									
26-Dec-2016				0.05		60	1.0	0.05	0.02
27-Dec-2016				0.09		45	0.8	0.12	0.08
28-Dec-2016									
29-Dec-2016				0.11		135	2.3	0.05	0.06
30-Dec-2016				0.03		30	0.5	0.06	0.02
31-Dec-2016				0.03		45	0.8	0.04	0.01
Total	0	0.0	0	2.77	0.000	2265	37.8		

CSO 009

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

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

MONITORED PERIOD: December 1, 2016 through December 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-Dec-2016									
2-Dec-2016									
3-Dec-2016									
4-Dec-2016				0.10		105	1.8	0.06	0.07
5-Dec-2016				0.05		60	1.0	0.05	0.04
6-Dec-2016				0.38		360	6.0	0.06	0.09
7-Dec-2016									
8-Dec-2016									
9-Dec-2016									
10-Dec-2016									
11-Dec-2016				0.10		105	1.8	0.06	0.07
12-Dec-2016				0.45		300	5.0	0.09	0.12
13-Dec-2016				0.01		15	0.3	0.04	0.01
14-Dec-2016									
15-Dec-2016									
16-Dec-2016									
17-Dec-2016				0.60		525	8.8	0.07	0.21
18-Dec-2016	15	0.3	2764	0.75	0.003	450	7.5	0.10	0.13
19-Dec-2016									
20-Dec-2016									
21-Dec-2016									
22-Dec-2016									
23-Dec-2016									
24-Dec-2016				0.02		30	0.5	0.04	0.01
25-Dec-2016									
26-Dec-2016				0.05		60	1.0	0.05	0.02
27-Dec-2016				0.09		45	0.8	0.12	0.08
28-Dec-2016									
29-Dec-2016				0.11		135	2.3	0.05	0.06
30-Dec-2016				0.03		30	0.5	0.06	0.02
31-Dec-2016				0.03		45	0.8	0.04	0.01
Total	15	0.3	2764	2.77	0.003	2265	37.8		