

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: September 1, 2016 through September 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-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 2-Sep-2016 | | | | | | | | | |
| 3-Sep-2016 | | | | | | | | | |
| 4-Sep-2016 | | | | | | | | | |
| 5-Sep-2016 | | | | | | | | | |
| 6-Sep-2016 | | | | | | | | | |
| 7-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 8-Sep-2016 | | | | | | | | | |
| 9-Sep-2016 | 105 | 1.8 | 405371 | 0.56 | 0.405 | 225 | 3.8 | 0.15 | 0.31 |
| 10-Sep-2016 | | | | | | | | | |
| 11-Sep-2016 | | | | 0.06 | | 45 | 0.8 | 0.08 | 0.05 |
| 12-Sep-2016 | | | | | | | | | |
| 13-Sep-2016 | | | | | | | | | |
| 14-Sep-2016 | | | | 0.04 | | 30 | 0.5 | 0.08 | 0.04 |
| 15-Sep-2016 | | | | | | | | | |
| 16-Sep-2016 | | | | | | | | | |
| 17-Sep-2016 | | | | 0.03 | | 30 | 0.5 | 0.06 | 0.03 |
| 18-Sep-2016 | 225 | 3.8 | 672845 | 0.89 | 0.673 | 180 | 3.0 | 0.30 | 0.38 |
| 19-Sep-2016 | | | | 0.02 | | 30 | 0.5 | 0.04 | 0.01 |
| 20-Sep-2016 | | | | | | | | | |
| 21-Sep-2016 | | | | | | | | | |
| 22-Sep-2016 | | | | | | | | | |
| 23-Sep-2016 | | | | | | | | | |
| 24-Sep-2016 | | | | | | | | | |
| 25-Sep-2016 | | | | | | | | | |
| 26-Sep-2016 | | | | 0.02 | | 15 | 0.3 | 0.08 | 0.02 |
| 27-Sep-2016 | | | | | | | | | |
| 28-Sep-2016 | | | | | | | | | |
| 29-Sep-2016 | 155 | 2.6 | 195407 | 1.02 | 0.195 | 360 | 6.0 | 0.17 | 0.37 |
| 30-Sep-2016 | 145 | 2.4 | 577343 | 0.50 | 0.577 | 225 | 3.8 | 0.13 | 0.32 |
| Total | 630 | 10.5 | 1850966 | 3.16 | 1.851 | 1170 | 19.5 | | |

CSO 005

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

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

MONITORED PERIOD: September 1, 2016 through September 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-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 2-Sep-2016 | | | | | | | | | |
| 3-Sep-2016 | | | | | | | | | |
| 4-Sep-2016 | | | | | | | | | |
| 5-Sep-2016 | | | | | | | | | |
| 6-Sep-2016 | | | | | | | | | |
| 7-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 8-Sep-2016 | | | | | | | | | |
| 9-Sep-2016 | 70 | 1.2 | 190402 | 0.56 | 0.190 | 225 | 3.8 | 0.15 | 0.31 |
| 10-Sep-2016 | | | | | | | | | |
| 11-Sep-2016 | | | | 0.06 | | 45 | 0.8 | 0.08 | 0.05 |
| 12-Sep-2016 | | | | | | | | | |
| 13-Sep-2016 | | | | | | | | | |
| 14-Sep-2016 | | | | 0.04 | | 30 | 0.5 | 0.08 | 0.04 |
| 15-Sep-2016 | | | | | | | | | |
| 16-Sep-2016 | | | | | | | | | |
| 17-Sep-2016 | | | | 0.03 | | 30 | 0.5 | 0.06 | 0.03 |
| 18-Sep-2016 | 140 | 2.3 | 478660 | 0.89 | 0.479 | 180 | 3.0 | 0.30 | 0.38 |
| 19-Sep-2016 | | | | 0.02 | | 30 | 0.5 | 0.04 | 0.01 |
| 20-Sep-2016 | | | | | | | | | |
| 21-Sep-2016 | | | | | | | | | |
| 22-Sep-2016 | | | | | | | | | |
| 23-Sep-2016 | | | | | | | | | |
| 24-Sep-2016 | | | | | | | | | |
| 25-Sep-2016 | | | | | | | | | |
| 26-Sep-2016 | | | | 0.02 | | 15 | 0.3 | 0.08 | 0.02 |
| 27-Sep-2016 | | | | | | | | | |
| 28-Sep-2016 | | | | | | | | | |
| 29-Sep-2016 | 65 | 1.1 | 142509 | 1.02 | 0.143 | 360 | 6.0 | 0.17 | 0.37 |
| 30-Sep-2016 | 85 | 1.4 | 212032 | 0.50 | 0.212 | 225 | 3.8 | 0.13 | 0.32 |
| Total | 360 | 6.0 | 1023602 | 3.16 | 1.024 | 1170 | 19.5 | | |

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: September 1, 2016 through September 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-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 2-Sep-2016 | | | | | | | | | |
| 3-Sep-2016 | | | | | | | | | |
| 4-Sep-2016 | | | | | | | | | |
| 5-Sep-2016 | | | | | | | | | |
| 6-Sep-2016 | | | | | | | | | |
| 7-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 8-Sep-2016 | | | | | | | | | |
| 9-Sep-2016 | | | | 0.56 | | 225 | 3.8 | 0.15 | 0.31 |
| 10-Sep-2016 | | | | | | | | | |
| 11-Sep-2016 | | | | 0.06 | | 45 | 0.8 | 0.08 | 0.05 |
| 12-Sep-2016 | | | | | | | | | |
| 13-Sep-2016 | | | | | | | | | |
| 14-Sep-2016 | | | | 0.04 | | 30 | 0.5 | 0.08 | 0.04 |
| 15-Sep-2016 | | | | | | | | | |
| 16-Sep-2016 | | | | | | | | | |
| 17-Sep-2016 | | | | 0.03 | | 30 | 0.5 | 0.06 | 0.03 |
| 18-Sep-2016 | | | | 0.89 | | 180 | 3.0 | 0.30 | 0.38 |
| 19-Sep-2016 | | | | 0.02 | | 30 | 0.5 | 0.04 | 0.01 |
| 20-Sep-2016 | | | | | | | | | |
| 21-Sep-2016 | | | | | | | | | |
| 22-Sep-2016 | | | | | | | | | |
| 23-Sep-2016 | | | | | | | | | |
| 24-Sep-2016 | | | | | | | | | |
| 25-Sep-2016 | | | | | | | | | |
| 26-Sep-2016 | | | | 0.02 | | 15 | 0.3 | 0.08 | 0.02 |
| 27-Sep-2016 | | | | | | | | | |
| 28-Sep-2016 | | | | | | | | | |
| 29-Sep-2016 | 20 | 0.3 | 2845 | 1.02 | 0.003 | 360 | 6.0 | 0.17 | 0.37 |
| 30-Sep-2016 | 10 | 0.2 | 1295 | 0.50 | 0.001 | 225 | 3.8 | 0.13 | 0.32 |
| Total | 30 | 0.5 | 4141 | 3.16 | 0.004 | 1170 | 19.5 | | |

CSO 007

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

Outfall Number: CSO 007
 Overflow Location: 8th Street
 Flow Data Collected By: Drnach Environmental, Inc.
 Rain Data Collected By: Drnach Environmental, Inc.
 Rain Gauge Location: New Ken Plant

MONITORED PERIOD: September 1, 2016 through September 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-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 2-Sep-2016 | | | | | | | | | |
| 3-Sep-2016 | | | | | | | | | |
| 4-Sep-2016 | | | | | | | | | |
| 5-Sep-2016 | | | | | | | | | |
| 6-Sep-2016 | | | | | | | | | |
| 7-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 8-Sep-2016 | | | | | | | | | |
| 9-Sep-2016 | | | | 0.56 | | 225 | 3.8 | 0.15 | 0.31 |
| 10-Sep-2016 | | | | | | | | | |
| 11-Sep-2016 | | | | 0.06 | | 45 | 0.8 | 0.08 | 0.05 |
| 12-Sep-2016 | | | | | | | | | |
| 13-Sep-2016 | | | | | | | | | |
| 14-Sep-2016 | | | | 0.04 | | 30 | 0.5 | 0.08 | 0.04 |
| 15-Sep-2016 | | | | | | | | | |
| 16-Sep-2016 | | | | | | | | | |
| 17-Sep-2016 | | | | 0.03 | | 30 | 0.5 | 0.06 | 0.03 |
| 18-Sep-2016 | 10 | 0.2 | 3634 | 0.89 | 0.004 | 180 | 3.0 | 0.30 | 0.38 |
| 19-Sep-2016 | | | | 0.02 | | 30 | 0.5 | 0.04 | 0.01 |
| 20-Sep-2016 | | | | | | | | | |
| 21-Sep-2016 | | | | | | | | | |
| 22-Sep-2016 | | | | | | | | | |
| 23-Sep-2016 | | | | | | | | | |
| 24-Sep-2016 | | | | | | | | | |
| 25-Sep-2016 | | | | | | | | | |
| 26-Sep-2016 | | | | 0.02 | | 15 | 0.3 | 0.08 | 0.02 |
| 27-Sep-2016 | | | | | | | | | |
| 28-Sep-2016 | | | | | | | | | |
| 29-Sep-2016 | | | | 1.02 | | 360 | 6.0 | 0.17 | 0.37 |
| 30-Sep-2016 | | | | 0.50 | | 225 | 3.8 | 0.13 | 0.32 |
| Total | 10 | 0.2 | 3634 | 3.16 | 0.004 | 1170 | 19.5 | | |

CSO 008

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

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

MONITORED PERIOD: September 1, 2016 through September 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-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 2-Sep-2016 | | | | | | | | | |
| 3-Sep-2016 | | | | | | | | | |
| 4-Sep-2016 | | | | | | | | | |
| 5-Sep-2016 | | | | | | | | | |
| 6-Sep-2016 | | | | | | | | | |
| 7-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 8-Sep-2016 | | | | | | | | | |
| 9-Sep-2016 | 35 | 0.6 | 10037 | 0.56 | 0.010 | 225 | 3.8 | 0.15 | 0.31 |
| 10-Sep-2016 | | | | | | | | | |
| 11-Sep-2016 | | | | 0.06 | | 45 | 0.8 | 0.08 | 0.05 |
| 12-Sep-2016 | | | | | | | | | |
| 13-Sep-2016 | | | | | | | | | |
| 14-Sep-2016 | | | | 0.04 | | 30 | 0.5 | 0.08 | 0.04 |
| 15-Sep-2016 | | | | | | | | | |
| 16-Sep-2016 | | | | | | | | | |
| 17-Sep-2016 | | | | 0.03 | | 30 | 0.5 | 0.06 | 0.03 |
| 18-Sep-2016 | 75 | 1.3 | 114250 | 0.89 | 0.114 | 180 | 3.0 | 0.30 | 0.38 |
| 19-Sep-2016 | | | | 0.02 | | 30 | 0.5 | 0.04 | 0.01 |
| 20-Sep-2016 | | | | | | | | | |
| 21-Sep-2016 | | | | | | | | | |
| 22-Sep-2016 | | | | | | | | | |
| 23-Sep-2016 | | | | | | | | | |
| 24-Sep-2016 | | | | | | | | | |
| 25-Sep-2016 | | | | | | | | | |
| 26-Sep-2016 | | | | 0.02 | | 15 | 0.3 | 0.08 | 0.02 |
| 27-Sep-2016 | | | | | | | | | |
| 28-Sep-2016 | | | | | | | | | |
| 29-Sep-2016 | 15 | 0.3 | 6167 | 1.02 | 0.006 | 360 | 6.0 | 0.17 | 0.37 |
| 30-Sep-2016 | 40 | 0.7 | 11966 | 0.50 | 0.012 | 225 | 3.8 | 0.13 | 0.32 |
| Total | 165 | 2.8 | 142420 | 3.16 | 0.142 | 1170 | 19.5 | | |

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: September 1, 2016 through September 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-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 2-Sep-2016 | | | | | | | | | |
| 3-Sep-2016 | | | | | | | | | |
| 4-Sep-2016 | | | | | | | | | |
| 5-Sep-2016 | | | | | | | | | |
| 6-Sep-2016 | | | | | | | | | |
| 7-Sep-2016 | | | | 0.01 | | 15 | 0.3 | 0.04 | 0.01 |
| 8-Sep-2016 | | | | | | | | | |
| 9-Sep-2016 | 40 | 0.7 | 46857 | 0.56 | 0.047 | 225 | 3.8 | 0.15 | 0.31 |
| 10-Sep-2016 | | | | | | | | | |
| 11-Sep-2016 | | | | 0.06 | | 45 | 0.8 | 0.08 | 0.05 |
| 12-Sep-2016 | | | | | | | | | |
| 13-Sep-2016 | | | | | | | | | |
| 14-Sep-2016 | | | | 0.04 | | 30 | 0.5 | 0.08 | 0.04 |
| 15-Sep-2016 | | | | | | | | | |
| 16-Sep-2016 | | | | | | | | | |
| 17-Sep-2016 | | | | 0.03 | | 30 | 0.5 | 0.06 | 0.03 |
| 18-Sep-2016 | 65 | 1.1 | 85705 | 0.89 | 0.086 | 180 | 3.0 | 0.30 | 0.38 |
| 19-Sep-2016 | | | | 0.02 | | 30 | 0.5 | 0.04 | 0.01 |
| 20-Sep-2016 | | | | | | | | | |
| 21-Sep-2016 | | | | | | | | | |
| 22-Sep-2016 | | | | | | | | | |
| 23-Sep-2016 | | | | | | | | | |
| 24-Sep-2016 | | | | | | | | | |
| 25-Sep-2016 | | | | | | | | | |
| 26-Sep-2016 | | | | 0.02 | | 15 | 0.3 | 0.08 | 0.02 |
| 27-Sep-2016 | | | | | | | | | |
| 28-Sep-2016 | | | | | | | | | |
| 29-Sep-2016 | 25 | 0.4 | 23433 | 1.02 | 0.023 | 360 | 6.0 | 0.17 | 0.37 |
| 30-Sep-2016 | 60 | 1.0 | 33146 | 0.50 | 0.033 | 225 | 3.8 | 0.13 | 0.32 |
| Total | 190 | 3.2 | 189141 | 3.16 | 0.189 | 1170 | 19.5 | | |