

2016 Stormwater Sample Data at 1NE-outfall January - July

| Station | Sample Start | Sample End | Sample Reason | Sample Type | Air Temperature (°F) | Water Temperature (°C) | Conductivity (µS/cm) | Dissolved Oxygen (mg/L) | pH | Salinity (ppt) | Specific Conductivity (µS/cm) | Transparency (cm) | Alkalinity (mg/L) | Ammonia Nitrogen (mg/L) |
|-------------|------------------|------------------|---------------|-------------|----------------------|------------------------|----------------------|-------------------------|-----|----------------|-------------------------------|-------------------|-------------------|-------------------------|
| 1NE-outfall | 01/06/2016 09:40 | | Base | Grab | 30 | 8.0 | 938.0 | 11.21 | 8.1 | 0.70 | 1391.0 | > 100 | 392 | 0.15 |
| 1NE-outfall | 02/05/2016 09:35 | | Base | Grab | 11 | 6.1 | 1099.0 | 11.00 | 7.8 | 0.87 | 1722.0 | > 100 | 379 | 0.11 |
| 1NE-outfall | 02/17/2016 09:35 | | Base | Grab | 20 | 5.1 | 945.0 | 14.26 | 7.9 | 0.76 | 1523.0 | > 100 | 386 | 0.01 |
| 1NE-outfall | 02/19/2016 10:44 | 02/20/2016 01:39 | Melt | Composite | 30 | 10.6 | 1060.0 | 8.47 | 7.5 | 0.74 | 1463.0 | | 63 | 0.84 |
| 1NE-outfall | 03/01/2016 09:25 | | Base | Grab | 16 | 4.4 | 778.4 | 11.81 | 7.9 | 0.60 | 1283.3 | > 100 | 398 | 0.07 |
| 1NE-outfall | 03/18/2016 09:15 | | Base | Grab | 33 | 8.3 | 737.7 | 10.72 | 7.7 | 0.50 | 1083.8 | 91 | 265 | 0.07 |
| 1NE-outfall | 03/30/2016 00:06 | 03/31/2016 02:56 | Rain | Composite | 40 | 7.9 | 453.1 | 10.62 | 7.3 | 0.30 | 673.1 | | 125 | 0.38 |
| 1NE-outfall | 04/04/2016 09:15 | | Base | Grab | 32 | 10.1 | 914.0 | 10.29 | 7.9 | 0.60 | 1272.0 | > 100 | 381 | 0.01 |
| 1NE-outfall | 04/20/2016 21:56 | 04/21/2016 21:26 | Rain | Composite | 50 | 14.2 | 547.0 | 8.41 | 7.4 | 0.34 | 689.0 | 10 | 119 | 0.32 |
| 1NE-outfall | 04/24/2016 07:51 | 04/24/2016 14:00 | Rain | Composite | 60 | | | | | | | 10 | 38 | 0.46 |
| 1NE-outfall | 04/25/2016 10:51 | 04/28/2016 20:20 | Rain | Composite | 47 | 7.0 | 144.3 | 10.07 | 7.6 | 0.10 | 220.1 | | 45 | 0.24 |
| 1NE-outfall | 05/02/2016 09:05 | | Base | Grab | 55 | 15.0 | 1070.4 | 8.55 | 7.9 | 0.70 | 1316.6 | 67 | 359 | 1.11 |
| 1NE-outfall | 05/19/2016 09:25 | | Base | Grab | 60 | 14.9 | 1300.0 | 9.24 | 8.0 | 0.80 | 1606.1 | 20 | 336 | 1.85 |
| 1NE-outfall | 05/23/2016 20:36 | 05/24/2016 02:00 | Rain | Composite | 75 | 21.0 | 306.6 | 4.20 | 7.5 | 0.20 | 332.5 | | 69 | 0.02 |
| 1NE-outfall | 05/25/2016 10:15 | 05/25/2016 15:00 | Rain | Composite | 75 | 21.6 | 262.1 | 3.61 | 7.4 | 0.10 | 280.4 | | 55 | 0.06 |
| 1NE-outfall | 05/27/2016 10:51 | 05/27/2016 18:00 | Rain | Composite | 70 | 21.7 | 595.0 | 6.40 | 7.6 | 0.30 | 634.6 | | 85 | 0.36 |
| 1NE-outfall | 05/28/2016 16:05 | 05/28/2016 19:10 | Rain | Composite | 71 | 21.5 | 418.0 | 5.61 | 7.6 | 0.20 | 447.8 | | 126 | 0.49 |
| 1NE-outfall | 06/02/2016 10:23 | | Base | Grab | 61 | 13.6 | 1095.9 | 9.62 | 8.0 | 0.70 | 1404.6 | > 100 | 380 | 0.55 |
| 1NE-outfall | 06/03/2016 14:20 | 06/03/2016 19:05 | Rain | Composite | 68 | 17.7 | 377.3 | 3.89 | 7.5 | 0.20 | 438.3 | | 112 | 0.19 |
| 1NE-outfall | 06/09/2016 02:05 | 06/09/2016 08:25 | Rain | Composite | 75 | 18.8 | 385.4 | 7.95 | 7.7 | 0.20 | 437.6 | 21 | 54 | 0.26 |
| 1NE-outfall | 06/13/2016 00:20 | 06/13/2016 10:45 | Rain | Composite | 70 | 22.3 | 247.0 | 7.12 | 7.9 | 0.10 | 260.4 | | 13 | 0.33 |
| 1NE-outfall | 06/14/2016 12:55 | 06/15/2016 05:55 | Rain | Composite | 70 | | | | | | | 13 | 44 | 0.11 |
| 1NE-outfall | 06/16/2016 09:15 | | Base | Grab | 66 | 15.6 | 1061.8 | 9.30 | 8.0 | 0.70 | 1293.2 | > 100 | 342 | 0.17 |
| 1NE-outfall | 07/05/2016 09:47 | | Base | Grab | 79 | 16.0 | 1088.6 | 9.03 | 8.2 | 0.70 | 1314.0 | > 100 | 326 | 0.15 |
| 1NE-outfall | 07/05/2016 18:00 | 07/05/2016 20:20 | Rain | Composite | 72 | | | | | | | 9 | 326 | 0.21 |
| 1NE-outfall | 07/27/2016 14:00 | 07/27/2016 20:55 | Rain | Composite | 70 | 19.2 | 764.1 | 8.03 | 8.6 | 0.4 | 858.6 | 11 | 24 | 0.10 |

Data in blue have been adjusted to remove symbols based on MWMO data protocols

2016 Stormwater Sample Data at 1NE-outfall January - July continued

| Station | Sample Start | Sample End | Carbonaceous | | | Dissolved Phosphorus (mg/L) | Ortho Phosphate (mg/L) | Total Phosphorus (mg/L) | E. coli (MPN/100 mL) | Hardness (mg/L CaCO3) | Total Kjeldahl Nitrogen (mg/L) | Nitrate (mg/L) | Nitrite (mg/L) |
|-------------|------------------|------------------|---------------------------------------|-------------------------------|-----------------|-----------------------------|------------------------|-------------------------|----------------------|-----------------------|--------------------------------|----------------|----------------|
| | | | Biological Oxygen Demand 5-day (mg/L) | Chemical Oxygen Demand (mg/L) | Chloride (mg/L) | | | | | | | | |
| 1NE-outfall | 01/06/2016 09:40 | | 0.4 | 14 | 119.0 | 0.02 | 0.02 | 0.01 | | 516 | 0.87 | 2.07 | 0.04 |
| 1NE-outfall | 02/05/2016 09:35 | | 0.7 | 13 | 229.3 | 0.01 | 0.01 | 0.01 | | 564 | 0.68 | 1.80 | 0.02 |
| 1NE-outfall | 02/17/2016 09:35 | | 0.4 | 5 | 180.9 | 0.01 | 0.01 | 0.01 | 38 | 540 | 0.68 | 1.30 | 0.02 |
| 1NE-outfall | 02/19/2016 10:44 | 02/20/2016 01:39 | | | 394.7 | 0.13 | | 0.86 | | 164 | 5.80 | 0.55 | 0.07 |
| 1NE-outfall | 03/01/2016 09:25 | | 0.3 | 10 | 134.4 | 0.04 | 0.02 | 0.01 | | 516 | 0.43 | 1.30 | 0.02 |
| 1NE-outfall | 03/18/2016 09:15 | | 2.4 | 34 | 122.0 | 0.04 | 0.03 | 0.07 | 39 | 396 | 1.70 | 1.68 | 0.04 |
| 1NE-outfall | 03/30/2016 00:06 | 03/31/2016 02:56 | | 73 | 69.5 | 0.01 | | 0.21 | | 236 | 2.20 | 0.81 | 0.05 |
| 1NE-outfall | 04/04/2016 09:15 | | 1.0 | 5 | 132.3 | 0.09 | 0.01 | 0.02 | | 520 | 0.48 | 1.59 | 0.02 |
| 1NE-outfall | 04/20/2016 21:56 | 04/21/2016 21:26 | 6.4 | 59 | 69.7 | 0.03 | 0.02 | 0.26 | | 240 | 2.40 | 0.66 | 0.09 |
| 1NE-outfall | 04/24/2016 07:51 | 04/24/2016 14:00 | 6.6 | 110 | 25.9 | 0.05 | 0.03 | 0.48 | | 72 | 2.80 | 0.30 | 0.04 |
| 1NE-outfall | 04/25/2016 10:51 | 04/28/2016 20:20 | 7.7 | 76 | 27.4 | 0.05 | 0.04 | 0.26 | | 80 | 1.80 | 0.34 | 0.04 |
| 1NE-outfall | 05/02/2016 09:05 | | 1.1 | 25 | 123.0 | 0.01 | 0.01 | 0.05 | | 596 | 2.50 | 0.92 | 0.12 |
| 1NE-outfall | 05/19/2016 09:25 | | 1.6 | 40 | 106.4 | 0.04 | 0.01 | 0.08 | | 448 | 3.75 | 1.42 | 0.32 |
| 1NE-outfall | 05/23/2016 20:36 | 05/24/2016 02:00 | | 297 | 48.0 | 0.10 | | 1.01 | | 128 | 6.10 | 0.03 | 0.02 |
| 1NE-outfall | 05/25/2016 10:15 | 05/25/2016 15:00 | 19.0 | 157 | 42.3 | 0.11 | 0.04 | 0.61 | | 116 | 3.50 | 0.27 | 0.07 |
| 1NE-outfall | 05/27/2016 10:51 | 05/27/2016 18:00 | | | 40.8 | 0.08 | | 0.22 | | 144 | 1.60 | 0.49 | 0.09 |
| 1NE-outfall | 05/28/2016 16:05 | 05/28/2016 19:10 | | | 53.6 | 0.06 | | 0.17 | | | 2.00 | 0.58 | 0.11 |
| 1NE-outfall | 06/02/2016 10:23 | | 1.4 | 25 | 113.3 | 0.05 | 0.01 | 0.05 | | 536 | 1.50 | 0.73 | 0.17 |
| 1NE-outfall | 06/03/2016 14:20 | 06/03/2016 19:05 | | 73 | 44.3 | 0.13 | | 0.32 | | 152 | 1.80 | 0.57 | 0.26 |
| 1NE-outfall | 06/09/2016 02:05 | 06/09/2016 08:25 | 9.5 | 80 | 33.9 | 0.08 | 0.06 | 0.39 | | 56 | 2.50 | 0.81 | 0.07 |
| 1NE-outfall | 06/13/2016 00:20 | 06/13/2016 10:45 | 7.4 | 52 | 30.9 | 0.08 | 0.06 | 0.30 | | 104 | 1.90 | 0.78 | 0.09 |
| 1NE-outfall | 06/14/2016 12:55 | 06/15/2016 05:55 | 5.2 | 83 | 24.1 | 0.03 | 0.03 | 0.30 | | 88 | 1.70 | 0.41 | 0.07 |
| 1NE-outfall | 06/16/2016 09:15 | | 1.4 | 19 | 111.6 | 0.01 | 0.01 | 0.05 | | 544 | 0.89 | 0.85 | 0.13 |
| 1NE-outfall | 07/05/2016 09:47 | | 1.3 | 15 | 119.9 | 0.01 | 0.01 | 0.01 | | 500 | 0.37 | 1.26 | 0.02 |
| 1NE-outfall | 07/05/2016 18:00 | 07/05/2016 20:20 | 8.5 | 55 | 12.8 | 0.09 | 0.09 | 0.35 | | 52 | 1.80 | 0.41 | 0.04 |
| 1NE-outfall | 07/27/2016 14:00 | 07/27/2016 20:55 | 4.9 | 71 | 7.4 | 0.03 | 0.02 | 0.42 | | 244 | 2.90 | 0.37 | 0.05 |

Data in blue have been adjusted to remove symbols based on MWMO data protocols

2016 Stormwater Sample Data at 1NE-outfall January - July continued

| Station | Sample Start | Sample End | Sulfate (mg/L) | Total Biological Oxygen Demand 5- day (mg/L) | Total Cadmium (mg/L) | Total Chromium (mg/L) | Total Copper (mg/L) | Total Lead (mg/L) | Total Nickel (mg/L) | Total Zinc (mg/L) | Total Dissolved Solids (mg/L) | Total Organic Carbon (mg/L) | Total Suspended Solids (mg/L) | Volatile Suspended Solids (mg/L) |
|-------------|------------------|------------------|-------------------|--|----------------------------|-----------------------------|---------------------------|-------------------------|---------------------------|-------------------------|--|--------------------------------------|--|---|
| 1NE-outfall | 01/06/2016 09:40 | | 173.0 | 0.9 | 0.0001 | 0.0003 | 0.0014 | 0.0001 | 0.0025 | 0.0151 | 852 | 4.5 | 1 | 1 |
| 1NE-outfall | 02/05/2016 09:35 | | 198.0 | 0.4 | | | | | | | 1010 | 4.4 | 1 | 1 |
| 1NE-outfall | 02/17/2016 09:35 | | 168.0 | 0.4 | 0.0001 | 0.0002 | 0.0013 | 0.0002 | 0.0038 | 0.0025 | 938 | 3.7 | 1 | 1 |
| 1NE-outfall | 02/19/2016 10:44 | 02/20/2016 01:39 | 17.5 | | | | | | | | 742 | 11.9 | 328 | 104 |
| 1NE-outfall | 03/01/2016 09:25 | | 9.3 | 0.5 | 0.0001 | 0.0001 | 0.0025 | 0.0003 | 0.0038 | 0.0141 | 827 | 3.4 | 1 | 1 |
| 1NE-outfall | 03/18/2016 09:15 | | 135.0 | 2.7 | | | | | | | 700 | 12.0 | 4 | 3 |
| 1NE-outfall | 03/30/2016 00:06 | 03/31/2016 02:56 | 96.7 | | | | | | | | 385 | 10.3 | 77 | 23 |
| 1NE-outfall | 04/04/2016 09:15 | | 154.0 | 0.6 | 0.0001 | 0.0001 | 0.0014 | 0.0002 | 0.0038 | 0.0051 | 812 | 4.2 | 2 | 1 |
| 1NE-outfall | 04/20/2016 21:56 | 04/21/2016 21:26 | 120.0 | 9.1 | | | | | | | 409 | 4.3 | 60 | 29 |
| 1NE-outfall | 04/24/2016 07:51 | 04/24/2016 14:00 | 9.0 | 14.0 | 0.0002 | 0.0085 | 0.0246 | 0.0236 | 0.0065 | 0.1260 | 97 | 3.2 | 301 | 83 |
| 1NE-outfall | 04/25/2016 10:51 | 04/28/2016 20:20 | 19.8 | 11.0 | | | | | | | 129 | 6.2 | 109 | 54 |
| 1NE-outfall | 05/02/2016 09:05 | | 295.0 | 1.5 | | | | | | | 102 | 11.4 | 3 | 2 |
| 1NE-outfall | 05/19/2016 09:25 | | 467.0 | 2.2 | 0.0001 | 0.0001 | 0.0014 | 0.0001 | 0.0017 | 0.0141 | 1210 | | 2 | 1 |
| 1NE-outfall | 05/23/2016 20:36 | 05/24/2016 02:00 | 9.7 | | | | | | | | 169 | 28.0 | 462 | 200 |
| 1NE-outfall | 05/25/2016 10:15 | 05/25/2016 15:00 | 9.0 | 24.0 | | | | | | | 151 | 12.4 | 378 | 154 |
| 1NE-outfall | 05/27/2016 10:51 | 05/27/2016 18:00 | 59.5 | | | | | | | | 266 | 11.2 | 34 | 15 |
| 1NE-outfall | 05/28/2016 16:05 | 05/28/2016 19:10 | | | | | | | | | 386 | | 33 | 11 |
| 1NE-outfall | 06/02/2016 10:23 | | 255.0 | 0.8 | | | | | | | 950 | 8.9 | 1 | 1 |
| 1NE-outfall | 06/03/2016 14:20 | 06/03/2016 19:05 | 34.3 | | 0.0001 | 0.0024 | 0.0107 | 0.0034 | 0.0025 | 0.0442 | 280 | 10.4 | 45 | 21 |
| 1NE-outfall | 06/09/2016 02:05 | 06/09/2016 08:25 | 16.2 | 9.7 | | | | | | | 164 | 13.3 | 125 | 52 |
| 1NE-outfall | 06/13/2016 00:20 | 06/13/2016 10:45 | 14.8 | 9.4 | 0.0001 | 0.0030 | 0.0113 | 0.0070 | 0.0028 | 0.0618 | 157 | 9.6 | 67 | 22 |
| 1NE-outfall | 06/14/2016 12:55 | 06/15/2016 05:55 | 15.1 | 9.2 | 0.0002 | 0.0063 | 0.0153 | 0.0158 | 0.0047 | 0.0998 | 148 | 6.4 | 77 | 23 |
| 1NE-outfall | 06/16/2016 09:15 | | 216.0 | 1.2 | 0.0001 | 0.0005 | 0.0015 | 0.0002 | 0.0032 | 0.0122 | 855 | 6.3 | 2 | 1 |
| 1NE-outfall | 07/05/2016 09:47 | | 156.0 | 1.1 | | | | | | | 844 | 6.4 | 1 | 1 |
| 1NE-outfall | 07/05/2016 18:00 | 07/05/2016 20:20 | 4.4 | 13.0 | 0.0003 | 0.0075 | 0.0225 | 0.0236 | 0.0061 | 0.1200 | 61 | 7.1 | 202 | 54 |
| 1NE-outfall | 07/27/2016 14:00 | 07/27/2016 20:55 | 5.6 | 6.6 | 0.0002 | 0.0062 | 0.0125 | 0.0178 | 0.0051 | 0.0827 | 57 | 6.3 | 154 | 34 |

Data in blue have been adjusted to remove symbols based on MWMO data protocols

2016 Stormwater Sample Data at 1NE-outfall August - November

| Station | Sample Start | Sample End | Sample Reason | Sample Type | Air Temperature (°F) | Water Temperature (°C) | Conductivity (µS/cm) | Dissolved Oxygen (mg/L) | pH | Salinity (ppt) | Specific Conductivity (µS/cm) | Transparency (cm) | Alkalinity (mg/L) | Ammonia Nitrogen (mg/L) |
|-------------|------------------|------------------|---------------|-------------|----------------------|------------------------|----------------------|-------------------------|-----|----------------|-------------------------------|-------------------|-------------------|-------------------------|
| 1NE-outfall | 08/01/2016 09:45 | | Base | Grab | 75 | 19.0 | 1184.2 | 8.30 | 8.0 | 0.70 | 1337.8 | > 100 | 366 | 0.05 |
| 1NE-outfall | 08/04/2016 07:15 | 08/04/2016 09:50 | Rain | Composite | 74 | | | | | | | 9 | 18 | 0.06 |
| 1NE-outfall | 08/10/2016 20:30 | 08/11/2016 02:35 | Rain | Composite | 73 | | | | | | | 32 | 24 | 0.04 |
| 1NE-outfall | 08/15/2016 10:25 | 08/15/2016 10:25 | Base | Grab | 75 | 19.3 | 1241.1 | 8.18 | 7.9 | 0.70 | 1391.7 | | 349 | 1.33 |
| 1NE-outfall | 08/16/2016 18:35 | 08/16/2016 19:45 | Rain | Composite | 71 | | | | | | | | 30 | 0.01 |
| 1NE-outfall | 08/19/2016 02:25 | 08/19/2016 05:45 | Rain | Composite | 68 | | | | | | | | 41 | 0.08 |
| 1NE-outfall | 08/19/2016 20:35 | 08/19/2016 21:40 | Rain | Composite | 70 | | | | | | | | 25 | 0.05 |
| 1NE-outfall | 08/20/2016 09:05 | 08/20/2016 10:35 | Rain | Composite | 70 | | | | | | | | 47 | 0.24 |
| 1NE-outfall | 08/23/2016 22:55 | 08/24/2016 02:25 | Rain | Composite | | | | | | | | | 36 | 0.01 |
| 1NE-outfall | 08/30/2016 01:00 | 08/30/2016 03:20 | Rain | Composite | 70 | | | | | | | | 35 | 0.06 |
| 1NE-outfall | 09/01/2016 09:30 | | Base | Grab | 64 | 18.9 | 1281.3 | 8.08 | 8.0 | 0.70 | 1448.5 | > 100 | 348 | 1.20 |
| 1NE-outfall | 09/05/2016 01:15 | 09/05/2016 06:25 | Rain | Composite | 65 | | | | | | | | 37 | 0.02 |
| 1NE-outfall | 09/06/2016 04:20 | 09/06/2016 18:00 | Rain | Composite | 65 | | | | | | | 25 | 29 | 0.06 |
| 1NE-outfall | 09/14/2016 09:30 | | Base | Grab | 53 | 15.1 | 1022.0 | 9.41 | 7.8 | 0.63 | 1260.0 | > 100 | 359 | 0.01 |
| 1NE-outfall | 09/15/2016 17:40 | 09/15/2016 20:50 | Rain | Composite | 65 | | | | | | | | 34 | 0.01 |
| 1NE-outfall | 09/21/2016 16:40 | 09/22/2016 01:05 | Rain | Composite | 65 | | | | | | | 9 | 28 | 0.13 |
| 1NE-outfall | 10/06/2016 20:30 | 10/06/2016 22:20 | Rain | Composite | 42 | | | | | | | | 49 | 0.15 |
| 1NE-outfall | 10/11/2016 09:30 | | Base | Grab | 65 | 15.4 | 1211.9 | 8.78 | 7.8 | 0.80 | 1484.3 | 99 | 379 | 1.15 |
| 1NE-outfall | 10/21/2016 09:35 | | Base | Grab | 42 | 12.9 | 1183.5 | 9.34 | 7.9 | 0.80 | 1538.4 | 94 | 358 | 0.78 |
| 1NE-outfall | 10/25/2016 21:35 | 10/26/2016 08:20 | Rain | Composite | 45 | | | | | | | | 84 | 0.09 |
| 1NE-outfall | 11/01/2016 09:42 | | Base | Grab | 52 | 13.5 | 1211.0 | 9.97 | 7.5 | 0.79 | 1551.0 | 38 | 356 | 1.57 |
| 1NE-outfall | 11/17/2016 10:15 | | Base | Grab | 48 | 13.8 | 1094.6 | 9.77 | 8.0 | 0.70 | 1396.9 | > 100 | 376 | 0.13 |
| 1NE-outfall | 11/18/2016 08:19 | 11/18/2016 23:29 | Rain | Composite | 27 | | | | | | | 11 | 60 | 0.58 |
| 1NE-outfall | 11/22/2016 15:00 | 11/23/2016 00:30 | Rain | Composite | 51 | | | | | | | | 162 | 0.32 |
| 1NE-outfall | 11/23/2016 04:30 | 11/24/2016 00:00 | Rain | Composite | 51 | | | | | | | | 120 | 0.32 |
| 1NE-outfall | 12/25/2016 13:25 | 12/26/2016 02:55 | Rain | Composite | 19 | | | | | | | 16 | 21 | 0.29 |
| 1NE-outfall | 12/02/2016 09:42 | | Base | Grab | 32 | 9.9 | 827.0 | 10.28 | 7.9 | 0.58 | 1163.0 | > 100 | 35 | 0.06 |
| 1NE-outfall | 12/20/2016 09:30 | | Base | Grab | 34 | 8.4 | 1109.9 | 10.36 | 7.9 | 0.80 | 1625.0 | 16 | 384 | 1.83 |

Data in blue have been adjusted to remove symbols based on MWMO data protocols

2016 Stormwater Sample Data at 1NE-outfall August - November continued

| Station | Sample Start | Sample End | Carbonaceous Biological Oxygen Demand 5-day (mg/L) | Chemical Oxygen Demand (mg/L) | Chloride (mg/L) | Dissolved Phosphorus (mg/L) | Ortho Phosphate (mg/L) | Total Phosphorus (mg/L) | E. coli (MPN/ mL) | Hardness (mg/L CaCO3) | Total Kjeldahl Nitrogen (mg/L) | Nitrate (mg/L) | Nitrite (mg/L) |
|-------------|------------------|------------------|---|--|--------------------|-----------------------------------|------------------------------|-------------------------------|-------------------------|-----------------------------|---|-------------------|-------------------|
| 1NE-outfall | 08/01/2016 09:45 | | 1.0 | 18 | 120.2 | 0.03 | 0.01 | 0.01 | | 524 | 0.44 | 1.46 | 0.02 |
| 1NE-outfall | 08/04/2016 07:15 | 08/04/2016 09:50 | | 56 | 3.6 | 0.06 | | 0.35 | | 40 | 1.60 | 0.28 | 0.02 |
| 1NE-outfall | 08/10/2016 20:30 | 08/11/2016 02:35 | 5.4 | 40 | 5.7 | 0.07 | 0.05 | 0.20 | | 40 | 1.10 | 0.30 | 0.02 |
| 1NE-outfall | 08/15/2016 10:25 | 08/15/2016 10:25 | 1.8 | 48 | 95.2 | 0.06 | 0.02 | 0.17 | | 576 | 3.60 | 2.09 | 0.16 |
| 1NE-outfall | 08/16/2016 18:35 | 08/16/2016 19:45 | | | 7.8 | 0.04 | 0.03 | 0.54 | | | 2.10 | 0.33 | 0.07 |
| 1NE-outfall | 08/19/2016 02:25 | 08/19/2016 05:45 | 9.2 | 26 | 15.8 | 0.05 | 0.04 | 0.23 | | 28 | 1.30 | 0.55 | 0.05 |
| 1NE-outfall | 08/19/2016 20:35 | 08/19/2016 21:40 | | | 5.0 | 0.04 | 0.04 | 0.14 | | | 0.75 | 0.25 | 0.02 |
| 1NE-outfall | 08/20/2016 09:05 | 08/20/2016 10:35 | | 26 | 16.5 | 0.03 | | 0.08 | | 96 | 0.87 | 0.32 | 0.05 |
| 1NE-outfall | 08/23/2016 22:55 | 08/24/2016 02:25 | 4.8 | 38 | 8.6 | 0.05 | 0.04 | 0.18 | | 44 | 0.78 | 0.25 | 0.02 |
| 1NE-outfall | 08/30/2016 01:00 | 08/30/2016 03:20 | 8.8 | | 12.5 | 0.04 | 0.02 | 0.29 | | | 1.70 | 0.34 | 0.04 |
| 1NE-outfall | 09/01/2016 09:30 | | 1.0 | 24 | 89.2 | 0.04 | 0.02 | 0.06 | | 588 | 2.20 | 1.51 | 0.38 |
| 1NE-outfall | 09/05/2016 01:15 | 09/05/2016 06:25 | | 63 | 13.6 | 0.07 | | 0.44 | | 60 | 1.60 | 0.19 | 0.07 |
| 1NE-outfall | 09/06/2016 04:20 | 09/06/2016 18:00 | | 46 | 7.8 | 0.05 | | 0.19 | | 72 | 1.40 | 0.36 | 0.03 |
| 1NE-outfall | 09/14/2016 09:30 | | 1.1 | 10 | 101.0 | 0.01 | 0.01 | 0.01 | | 484 | 0.48 | 2.23 | 0.02 |
| 1NE-outfall | 09/15/2016 17:40 | 09/15/2016 20:50 | 6.7 | 46 | 7.9 | 0.09 | 0.08 | 0.24 | | 40 | 1.00 | 0.28 | 0.02 |
| 1NE-outfall | 09/21/2016 16:40 | 09/22/2016 01:05 | 5.6 | 94 | 4.0 | 0.03 | 0.03 | 0.41 | | 52 | 1.80 | 0.30 | 0.04 |
| 1NE-outfall | 10/06/2016 20:30 | 10/06/2016 22:20 | 9.2 | 115 | 8.6 | 0.10 | 0.08 | 0.22 | | 68 | 1.10 | 0.17 | 0.03 |
| 1NE-outfall | 10/11/2016 09:30 | | 0.8 | 29 | 92.2 | 0.05 | 0.01 | 0.06 | | 672 | 2.50 | 1.97 | 0.23 |
| 1NE-outfall | 10/21/2016 09:35 | | 1.5 | 22 | 87.0 | 0.01 | 0.01 | 0.04 | | 700 | 2.00 | 1.54 | 0.16 |
| 1NE-outfall | 10/25/2016 21:35 | 10/26/2016 08:20 | | 107 | 23.5 | 0.43 | | 0.68 | | 140 | 1.50 | 0.22 | 0.04 |
| 1NE-outfall | 11/01/2016 09:42 | | 2.9 | 33 | 98.6 | 0.01 | 0.01 | 0.06 | | 740 | 2.80 | 1.17 | 0.20 |
| 1NE-outfall | 11/17/2016 10:15 | | 0.8 | 17 | 113.3 | 0.02 | 0.01 | 0.02 | | 548 | 0.49 | 1.90 | 0.02 |
| 1NE-outfall | 11/18/2016 08:19 | 11/18/2016 23:29 | | 126 | 52.0 | 0.31 | | 0.58 | | 124 | 2.20 | 0.48 | 0.06 |
| 1NE-outfall | 11/22/2016 15:00 | 11/23/2016 00:30 | | 68 | 145.4 | 0.04 | | 0.29 | | 328 | 2.30 | 0.94 | 0.08 |
| 1NE-outfall | 11/23/2016 04:30 | 11/24/2016 00:00 | | 60 | 634.6 | 0.07 | | 0.25 | | 292 | 2.00 | 0.64 | 0.05 |
| 1NE-outfall | 12/25/2016 13:25 | 12/26/2016 02:55 | | 49 | 130.0 | 0.11 | | 0.20 | | 36 | 1.00 | 0.27 | 0.02 |
| 1NE-outfall | 12/02/2016 09:42 | | 7.0 | 22 | 82.9 | 0.01 | 0.01 | 0.14 | | 488 | 1.50 | 1.74 | 0.02 |
| 1NE-outfall | 12/20/2016 09:30 | | 1.0 | 25 | 108.4 | 0.01 | 0.01 | 0.07 | 956 | 788 | 3.70 | 1.39 | 0.10 |

Data in blue have been adjusted to remove symbols based on MWMO data protocols

2016 Stormwater Sample Data at 1NE-outfall August - November continued

| Station | Sample Start | Sample End | Sulfate (mg/L) | Total Biological Oxygen Demand 5- day (mg/L) | Total Cadmium (mg/L) | Total Chromium (mg/L) | Total Copper (mg/L) | Total Lead (mg/L) | Total Nickel (mg/L) | Total Zinc (mg/L) | Total Dissolved Solids (mg/L) | Total Organic Carbon (mg/L) | Total Suspended Solids (mg/L) | Volatile Suspended Solids (mg/L) |
|-------------|------------------|------------------|-------------------|--|----------------------------|-----------------------------|---------------------------|-------------------------|---------------------------|-------------------------|--|--------------------------------------|--|---|
| 1NE-outfall | 08/01/2016 09:45 | | 130.0 | 1.1 | | | | | | | 783 | 3.9 | 1 | 1 |
| 1NE-outfall | 08/04/2016 07:15 | 08/04/2016 09:50 | 3.9 | | | | | | | | 37 | 5.7 | 103 | 24 |
| 1NE-outfall | 08/10/2016 20:30 | 08/11/2016 02:35 | 5.2 | 6.5 | | | | | | | 53 | 6.6 | 25 | 7 |
| 1NE-outfall | 08/15/2016 10:25 | 08/15/2016 10:25 | 219.0 | 1.6 | | | | | | | 861 | 16.5 | 5 | 2 |
| 1NE-outfall | 08/16/2016 18:35 | 08/16/2016 19:45 | | 9.1 | | | | | | | 77 | 9.2 | 348 | 63 |
| 1NE-outfall | 08/19/2016 02:25 | 08/19/2016 05:45 | 4.2 | 9.0 | | | | | | | 108 | 10.1 | 51 | 19 |
| 1NE-outfall | 08/19/2016 20:35 | 08/19/2016 21:40 | | | | | | | | | 54 | 6.8 | 39 | 12 |
| 1NE-outfall | 08/20/2016 09:05 | 08/20/2016 10:35 | 42.1 | | | | | | | | 160 | 5.6 | 18 | 7 |
| 1NE-outfall | 08/23/2016 22:55 | 08/24/2016 02:25 | 11.8 | 9.3 | 0.0001 | 0.0019 | 0.0108 | 0.0042 | 0.0017 | 0.0399 | 82 | 7.3 | 44 | 13 |
| 1NE-outfall | 08/30/2016 01:00 | 08/30/2016 03:20 | | 4.0 | | | | | | | 93 | 7.3 | 112 | 34 |
| 1NE-outfall | 09/01/2016 09:30 | | 271.0 | 1.2 | 0.0001 | 0.0002 | 0.0014 | 0.0001 | 0.0021 | 0.0081 | 944 | 9.5 | 1 | 1 |
| 1NE-outfall | 09/05/2016 01:15 | 09/05/2016 06:25 | 10.9 | | 0.0001 | 0.0037 | 0.0203 | 0.0098 | 0.0035 | 0.1110 | 102 | 8.5 | 121 | 41 |
| 1NE-outfall | 09/06/2016 04:20 | 09/06/2016 18:00 | 12.8 | | 0.0001 | 0.0027 | 0.0096 | 0.0076 | 0.0028 | 0.0441 | 83 | 5.4 | 76 | 25 |
| 1NE-outfall | 09/14/2016 09:30 | | 130.0 | 1.0 | | | | | | | 774 | 3.8 | 1 | 1 |
| 1NE-outfall | 09/15/2016 17:40 | 09/15/2016 20:50 | 5.4 | 9.4 | | | | | | | 69 | 8.2 | 48 | 20 |
| 1NE-outfall | 09/21/2016 16:40 | 09/22/2016 01:05 | 5.0 | 7.9 | | | | | | | 53 | 7.6 | 214 | 48 |
| 1NE-outfall | 10/06/2016 20:30 | 10/06/2016 22:20 | 13.8 | 9.4 | 0.0001 | 0.0033 | 0.0107 | 0.0083 | 0.0028 | 0.0654 | 93 | 14.0 | 58 | 22 |
| 1NE-outfall | 10/11/2016 09:30 | | 277.0 | 0.9 | 0.0001 | 0.0003 | 0.0016 | 0.0002 | 0.0027 | 0.0081 | 954 | 11.2 | 2 | 1 |
| 1NE-outfall | 10/21/2016 09:35 | | 277.0 | 1.8 | | | | | | | 886 | 9.1 | 3 | 2 |
| 1NE-outfall | 10/25/2016 21:35 | 10/26/2016 08:20 | 44.6 | | | | | | | | 240 | 31.5 | 37 | 19 |
| 1NE-outfall | 11/01/2016 09:42 | | 388.0 | 2.8 | | | | | | | 1120 | 10.7 | 10 | 5 |
| 1NE-outfall | 11/17/2016 10:15 | | 149.0 | 0.7 | | | | | | | 778 | 4.7 | 1 | 1 |
| 1NE-outfall | 11/18/2016 08:19 | 11/18/2016 23:29 | 27.8 | | | | | | | | 247 | 26.7 | 131 | 49 |
| 1NE-outfall | 11/22/2016 15:00 | 11/23/2016 00:30 | 136.0 | | | | | | | | 566 | 12.1 | 39 | 24 |
| 1NE-outfall | 11/23/2016 04:30 | 11/24/2016 00:00 | 110.0 | | 0.0001 | 0.0059 | 0.0106 | 0.0068 | 0.0031 | 0.0663 | 873 | 12.6 | 39 | 19 |
| 1NE-outfall | 12/25/2016 13:25 | 12/26/2016 02:55 | 7.8 | | | | | | | | 250 | 6.8 | 52 | 16 |
| 1NE-outfall | 12/02/2016 09:42 | | 139.0 | 5.2 | 0.0001 | 0.0003 | 0.0019 | 0.0002 | 0.0033 | 0.0059 | 734 | 4.9 | 6 | 6 |
| 1NE-outfall | 12/20/2016 09:30 | | 379.0 | 2.1 | | | | | | | 1110 | 11.2 | 14 | 6 |

Data in blue have been adjusted to remove symbols based on MWMO data protocols