

Table 2-1
PRIORITIZED LIST OF OUTFALL SUB-AREA INVESTIGATIONS
(BASED ON OUTFALL INSPECTION PROGRAM)
 2014-2020 Dry-Weather MS4/Stormwater Outfall Inspection Program
 Summary of Water Quality Testing of Dry Weather Flow at MS4/CSO Outfalls

| Outfall Information | | | | | Field Inspection Information | | | | Dry-Weather Flow Characteristics | | | | | Field Parameter Test Results | | | | | | Coliform Laboratory Sampling/Analysis | | | | | | |
|---|----------|---------------|--------------------------------|------------|------------------------------|--------------------|-------------|-----------|----------------------------------|-------------|---------------|--------------|-------------------|------------------------------|-----------------|------|--------------|----------------|--------------------|---------------------------------------|--------------------------|----------------------------|--------------------------|------------------------------|---------------------|---------------------------|
| GIS Identifier | Diameter | Material | Outfall Location | Owner-ship | Date | Previous Rainfall | Dry Weather | | Flow Description | Odor | Color | Floatables | Turbidity | Sample Time | Sample Temp (F) | pH | Conductivity | Ammonia (mg/l) | Surfactants (mg/l) | Chlorine (mg/l) | Sample Date for Bacteria | Previous Rainfall (inches) | Previous Rainfall (Date) | Previous Rainfall (End Time) | E.Coli (MPN/100 ml) | Enterococcus (MPN/100 ml) |
| | | | | | | | < 24 hours | <48 hours | | | | | | | | | | | | | | | | | | |
| High Priority | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNK0955 | 36" | RCP | South Main St(Dominator Plaza) | City | 9/29/2014 | 0.36" ON 9/21/14 | | | MODERATE | NONE | CLEAR | NONE | NONE | 1058 | 69.2 | 7.54 | 1673 | 0 | 0.5 | | 9/21/2015 | 0.1 | 9/13/2015 | | >48,000 | |
| MR24314 | 24" | RCP | Groveland Street/Water Street | City | 9/2/2015 | 0.19" ON 8/23/15 | | | NO INFORMATION | RANCID/SOUR | BROWN, YELLOW | GREASE | CLOUDY | 800 | 70.1 | 7.6 | 1009 | 0 | 3 | 0 | 9/9/2015 | 0.19 | 8/23/2015 | | >24,000 | >24,190 |
| PL0891 | 30" | RCP | Main St @ Marsh Ave | City | 6/9/2020 | 0.01" ON 6/6/20 | | | MODERATE | DETERGENT | NONE | NONE | CLEAR | 1011 | 58 | 7.9 | 1200 | 0.17 | 2.19 | 0.02 | 6/9/2020 | 0.01 | 6/6/2020 | | >2400 | |
| MR1109 | 12" | RCP | 350 Water Street | City | 10/26/2015 | 0.06" ON 10/25/15 | | | TRICKLE | | NONE | NONE | NONE | 930 | 59.3 | 7.31 | 3 | 0 | 0 | 0 | 12/10/2015 | 0.1 | 12/3/2015 | | 1413.6 | > 2420 |
| UNK1767 | 36" | CMP | Tudor Ct | City | 10/10/2014 | 0.08" ON 10/8/14 | | | TRICKLE | NONE | CLEAR | DEBRIS | CLEAR | 1055 | 60.6 | 7.41 | 373 | 0 | 0.25 | | 10/14/2014 | | | | 2,420 | |
| UNK0951 | 48" | RCP | 61 Brook St | City | 9/29/2014 | 0.36" ON 9/21/14 | | | MODERATE | NONE | CLEAR | NONE | CLEAR | 900 | 65.5 | 7.98 | 334 | 0 | 0.25 | | 10/14/2014 | | | | >2419.6 | |
| DPI0946 | 48" | RCP | High School | City | 11/5/2015 | 0.02" ON 11/1/15 | | | TRICKLE | NONE | NONE | NONE | NONE | 815 | 56.4 | 7.22 | 849 | 0 | 0.25 | 0 | 12/10/2015 | 0.1 | 2/3/2015 | | >2420 | |
| DPO0696 | 12" | RCP | Pamela Lane | City | 6/5/2015 | 1.38" ON 6/2/15 | | | MODERATE | NONE | NONE | NONE | NONE | 1010 | 64.2 | 6.75 | 365 | 0 | 0 | 0 | 6/12/2015 | 0.1 | 6/6/2015 | | >2,419 | |
| MR1138 | 36" | RCP | Merrimack River (River St) | City | 9/23/2014 | 0.36" ON 9/21/14 | | | TRICKLE | NONE | CLEAR | OTHER (DIRT) | CLEAR | 920 | 58.6 | 7.24 | 613 | 0 | 0 | 0 | 9/30/2014 | 0.01 | 9/29/2014 | | 2420 | |
| Medium Priority | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LR1260 | 3x4' | OTHER, Blocks | 140 Hale Street | City | 9/28/2015 | 0.10" ON 9/13/15 | | | NO INFORMATION | NONE | NONE | NONE | NONE | 1040 | 69.9 | 7.1 | 927 | 0 | 0.5 | 0 | 11/4/2015 | 0.02 | 11/1/2015 | | 1986.3 | |
| UNK1166 | 34" | RCP | 8 Franzone Dr | City | 6/11/2020 | 0.01 ON 6/11/2020 | | | SUBSTANTIAL | NONE | CLEAR | NONE | CLEAR | 831 | 62 | 6.5 | 1000 | 0.09 | 0 | 0.03 | 6/11/2020 | 0.01 | 6/11/2020 | | 461.1 | |
| UNK1177 | 48" | RCP | Franzone Dr | City | 6/11/2020 | 0.01" ON 6/11/2020 | | | SUBSTANTIAL | NONE | CLEAR | NONE | CLEAR | 925 | 63 | 6.1 | 1000 | 0.1 | 0.15 | 0.01 | 6/11/2020 | 0.01 | 6/11/2020 | | 770.1 | |
| JC1028 | 15" | RCP | Kali Way | City | 10/7/2014 | 0.12" ON 10/4/14 | | | TRICKLE | NONE | CLEAR | NONE | CLEAR | 950 | 67.3 | 7.4 | 433 | 0 | 0 | 0 | 10/20/2014 | 0.02 | 10/18/2014 | | 1046.2 | |
| LR0993 | 16" | CMP | 100 Newark Street | City | 11/7/2015 | 0.02" ON 11/1/15 | | | MODERATE | NONE | NONE | NONE | NONE | 840 | 59.6 | 6.81 | 765 | 0 | 0 | 0 | 12/1/2015 | 0.39 | 11/28/2015 | | 1046.2 | 33.6 |
| Low Priority | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNK1835 | 15" | PVC | Broadway | City | 6/10/2015 | 0.1" ON 6/6/15 | | | NO INFORMATION | NONE | NONE | NONE | NONE | 935 | 69 | 7.08 | 240 | 0 | 0 | 0 | 6/12/2015 | 0.1 | 6/6/2015 | | 980.4 | |
| LR1103 | 15" | RCP | Bennington St | City | 9/10/2014 | 0.5" ON 9/7/14 | | | TRICKLE | NONE | CLEAR | NONE | NONE | 830 | 68.1 | 7.35 | 683 | 0 | 0 | 0 | 9/16/2014 | 0.18 | 9/13/2014 | | 920.8 | |
| BZ0847 | 15" | RCP | Fermanagh St | City | 10/20/2014 | 0.02" ON 10/19/14 | | | TRICKLE | NONE | CLEAR | NONE | NONE | 1306 | 60 | 7.7 | 287 | 0 | 1 | | 11/13/2014 | 0.06 | 11/7/2014 | | 770.1 | |
| MR20718 | 10" | RCP | 1 Water Street | City | 8/14/2015 | 0.57" ON 8/11/15 | | | NO INFORMATION | NONE | NONE | NONE | NONE | 1000 | 78 | 7.99 | 2 | 0 | 0 | 0 | 8/31/2015 | 0.19 | 8/23/2015 | | 556 | 631 |
| MR1164 | 36" | RCP | Water Street | City | 8/25/2015 | 0.36" ON 8/21/15 | | | TRICKLE | NONE | CLEAR | NONE | NONE | 1000 | 72.2 | 7.6 | 2 | 0 | 0 | 0 | 08/31/2015 | 0.19 | 08/23/2015 | | 461 | < 10 |
| FBO0638 | 12" | RCP | Hilldale Ave. | City | 6/27/2015 | 0.04" ON 6/27/15 | | | TRICKLE | NONE | NONE | NONE | NONE | 945 | 64.5 | 6.91 | 453 | 0 | 0 | 0 | 7/7/2015 | 0.02 | 7/4/2015 | | 435.2 | |
| PL1222 | 36" | RCP | West Gile St. | City | 5/20/2015 | 0.07" ON 5/19/15 | | | NO INFORMATION | NONE | NONE | NONE | NONE | 825 | 65.4 | 7 | 548 | 0 | 0.25 | 0 | 6/5/2015 | 1.38 | 6/2/15 | | 410.6 | |
| UNK0661 | 24" | RCP | Parkridge Rd. | City | 9/26/2014 | 0.36" ON 9/21/14 | | | TRICKLE | NONE | NONE | NONE | NONE | 1015 | 67.1 | 7.84 | 815 | 0 | 0 | 0 | 11/13/2014 | 0.06 | 11/7/2014 | | 365.4 | |
| UNK1063 | 15" | RCP | Crystal Ct. | City | 5/26/2015 | 0.07" ON 5/19/15 | | | TRICKLE | NONE | NONE | NONE | NONE | 1015 | 66 | 7.6 | 49 | 0 | 0 | 0 | 6/5/2015 | 1.38 | 6/2/2015 | | 344.8 | |
| MR0982 | 18" | CLAY | 20 Back Lane | City | 10/14/2015 | 0.02" ON 10/13/15 | | | NO INFORMATION | NONE | NONE | NONE | NONE | 1150 | 63.1 | 7.25 | 3 | 0 | 0 | 0 | 11/4/2015 | 0.02 | 11/1/15 | | 547.5 | 183.5 |
| MR23912 | 8" | STEEL | 120 Merrimack St | City | 8/27/2015 | 0.19" ON 8/23/15 | | | TRICKLE | NONE | NONE | NONE | NONE | 915 | 55.1 | 6.71 | 6 | 0 | 0 | 0 | 8/31/2015 | 0.19 | 8/23/2015 | | 12.1 | 148 |
| Other Priorities (based on non-bacteria results) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MR1141 | 36" | RCP | Merrimack River (River St) | State | 6/9/2020 | 0.01" ON 6/6/20 | | | TRICKLE | NONE | CLEAR | NONE | CLEAR | 848 | 59 | 7.7 | 1200 | 0 | 0.01 | 0.02 | 6/9/2020 | 0.01 | 6/6/2020 | | 166.4 | 160.7 |
| MR1140 | 15" | RCP | River St | City | 9/23/2014 | 0.36" ON 9/21/14 | | | TRICKLE | NONE | BROWN | OTHER | CLOUDY | 915 | 42.6 | 8.18 | 484 | 0 | 0 | 0 | 11/13/2014 | 0.06 | 11/7/2014 | | 62.4 | |
| LR00995 | 18" | RCP | Newark St | City | 9/10/2014 | 0.5" ON 9/7/14 | | | TRICKLE | NONE | CLEAR | NONE | CLEAR | 915 | 71.4 | 7.41 | 120 | 0 | 0.75 | | 10/14/2014 | 0.18 | 10/11/2014 | | 52 | |
| MR0834 | 48" | RCP | Merrimack River (Bradley Ave) | City | 9/19/2014 | 0.02" ON 9/16/14 | | | MODERATE | NONE | CLEAR | NONE | NONE | 831 | 50 | 7.6 | 295 | 0 | 0 | 0 | 11/13/2014 | 0.06 | 11/7/2014 | | 43.2 | |
| UNK0883 | 12" | CMP | Merrimack River (Bradley Ave) | City | 9/24/2014 | 0.36" ON 9/21/14 | | | TRICKLE | NONE | CLEAR | NONE | NONE | 925 | 64.7 | 7.41 | 224 | 0 | 0.25 | | 10/20/2014 | 0.02 | 10/18/2014 | | 28.8 | |
| MR0662 | 18" | RCP | | City | 9/25/2014 | 0.36" ON 9/21/14 | | | TRICKLE | NONE | CLEAR | NONE | NONE | 1120 | 65.4 | 7.5 | 475 | 0 | 0.25 | | 10/6/2014 | 0.12 | 10/4/14 | | 23.8 | |
| LR0963 | 15" | HDPE | Alvanos St | City | 9/11/2014 | 0.5" ON 9/8/14 | | | MODERATE | NONE | CLEAR | NONE | SLIGHT CLOUDINESS | 1015 | 68.1 | 7.87 | 855 | 0 | 0.25 | | 9/16/2014 | 0.18 | 9/13/2014 | | 22.6 | |
| CB1198 | NA | RCP | Research Dr | City | 11/4/2014 | 0.25" ON 11/2/14 | | | MODERATE | NONE | CLEAR | NONE | CLEAR | 1003 | 50.2 | 7.06 | 208 | 0 | 0.25 | | 11/13/2014 | 0.06 | 11/7/2014 | | 21.3 | |
| MR0770 | 36" | RCP | Merrimack River (River St) | City | 9/23/2014 | 0.36" ON 9/21/14 | | | TRICKLE | NONE | CLEAR | NONE | CLEAR | 930 | 60.6 | 7.86 | 713 | 0 | 0.25 | | 9/30/2014 | 0.01 | 9/29/2014 | | 19.9 | |
| UNK1836 | 36" | RCP | Computer Dr | City | 11/6/2014 | 0.36" ON 11/2/14 | | | MODERATE | NONE | CLEAR | NONE | CLEAR | 850 | 53.7 | 7.48 | 3 | 0 | 0.5 | | 11/13/2014 | 0.06 | 11/7/2014 | | 18.3 | |
| FP7115 | 12" | RCP | Brickett Ln | City | 5/18/2015 | 0.03" ON 5/12/15 | | | NO INFORMATION | NONE | BROWN | OTHER | CLOUDY | 920 | 56 | 7.4 | 6 | 0 | 0.5 | 0.25 | 5/22/2015 | 0.07 | 5/19/15 | | 8.4 | |
| DPI0969 | 15" | RCP | Diana Road | City | 6/4/2015 | 1.38" ON 6/2/15 | | X | MODERATE | NONE | NONE | NONE | NONE | 1035 | 65.3 | 7.22 | 610 | 0 | 0 | 0.25 | 6/5/2015 | 1.38 | 6/2/2015 | | 5.2 | |
| DPO0657 | 45" | RCP | 44 Sarah J Circle | City | 6/9/2015 | 0.1" ON 6/6/15 | | | TRICKLE | NONE | NONE | NONE | SLIGHT CLOUDINESS | 925 | 65.4 | 6.94 | 206 | 0 | 0 | 0 | 7/7/2015 | 0.02 | 7/4/15 | | 4.1 | |
| UNK1011 | 24" | RCP | Lake Street | City | 6/8/2015 | 0.1" ON 6/6/15 | | | TRICKLE | NONE | NONE | NONE | NONE | 915 | 59.3 | 6.95 | 794 | 0 | 0.25 | 0 | 6/12/2015 | 0.1 | 6/6/2015 | | 3.1 | |
| UNK0627 | 15" | RCP | | City | 5/21/2015 | 0.07" ON 5/19/15 | | | NO INFORMATION | NONE | NONE | NONE | NONE | 840 | 64.5 | 6.82 | 791 | 0 | 0 | 0.25 | 5/22/2015 | 0.07 | 5/19/15 | | 2 | |
| DPI0947 | 18" | RCP | 177 Brook Street | City | 10/31/2015 | 0.66" ON 10/29/15 | | | MODERATE | RANCID/SOUR | NONE | NONE | NONE | 800 | 52.3 | 7.4 | 283 | 0 | 0 | 0 | 12/10/2015 | 0.1 | 12/3/15 | | 1 | |
| UNK1189 | NA | NA | Primrose St (Dpw) | City | 9/12/2014 | 0.01" ON 9/9/14 | | | TRICKLE | NONE | CLEAR | NONE | CLEAR | 1025 | 64.7 | 7.86 | 343 | 0 | 0.25 | | 9/16/2014 | 0.18 | 9/13/2014 | | <1 | |
| TS0984 | 24" | RCP | | City | 5/11/2015 | 0.03" ON 5/12/15 | | | MODERATE | NONE | BROWN | NONE | SLIGHT CLOUDINESS | 1111 | 62.2 | 6.81 | 76 | 0 | 0 | 0.25 | 5/22/2015 | 0.07 | 5/19/15 | | <1 | |
| TS0989 | 24" | RCP | Newton Rd | City | 5/18/2015 | 0.03" ON 5/12/15 | | | SUBSTANTIAL | NONE | CLEAR | NONE | SLIGHT CLOUDINESS | 1100 | 63.3 | 7.2 | 48 | 0 | 0 | 0.25 | 5/22/2015 | 0.07 | 5/19/15 | | <1 | |
| UNK1020 | 24" | RCP | | Private | 9/30/2014 | 0.36" ON 9/21/14 | | | TRICKLE | NONE | NONE | NONE | SLIGHT CLOUDINESS | 840 | 44.9 | 7.77 | 301 | 0 | 0 | 0 | 11/13/2014 | 0.06 | 11/7/2014 | | 34.1 | |
| UNK1750 | 24" | RCP | 36 Magnavista | City | 5/18/2015 | 0.03" ON 5/12/15 | | | TRICKLE | NONE | NONE | NONE | NONE | 955 | 64.7 | 7.6 | 574 | 0 | 0 | 0.25 | 5/22/2015 | 0.07 | 5/19/2015 | | <1 | |
| UNK1040 | 24" | RCP | G | | | | | | | | | | | | | | | | | | | | | | | |