Greater Lawrence Sanitary District
CSO Report and Public Notification
October 12, 2018

Please be advised that on October 11, 2018 the District experienced a combined sewer overflow (CSO) at the following locations:

1. 44 + 85 Outfall No. 004, Discharge Volume - 6.06 MG
2. 49 + 40 Outfall No. 002, Discharge Volume - 1.36 MG
3. 17 + 60 Outfall No. 006, Discharge Volume - 0.31 MG
4. 79 + 30 Outfall No. 005, Discharge Volume - 0.02 MG
5. 93 + 15 Outfall No. 003, Discharge Volume - 0.03 MG

The discharge of a combination of stormwater and wastewater was caused by heavy rainfall and high flows in our interceptors. The interceptors receive wastewater from our associated communities, some of which have a combined wastewater and stormwater collection system; which is not uncommon in older cities. In order to prevent sewerage backups into homes, businesses and surface discharges, the District's collection system was designed with two main overflow structures:

1. 49 + 40 Outfall No. 002
2. 44 + 85 Outfall No. 004

And three relief structures:

1. 93 + 15 Outfall No. 003
2. 79 + 30 Outfall No. 005
3. 17 + 60 Outfall No. 006

See attached map for locations of each structure

The District’s receiving water is the Merrimack River. The waters of which are often impaired due to bacterial counts and other pollutants. The sources of these pollutants are many - stormwater surface runoff, CSO outfalls, septic systems and stormwater collection systems to name a few; theses sources also include other communities along the Merrimack with combined systems and CSO outfalls. Public Health Officials recommend avoiding contact with the receiving waters during and for 48 hours following a CSO discharge event.

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