

USFilter Operating Services (USFOS) for collection system rehabilitation services. USFOS committed three full time personnel to isolating and identifying locations of infiltration and inflow (I/I) as well as reconstructing a set of "As-built" drawings for the collection system. The crew televised, walked, and smoked tested 100% of the collection system identifying numerous manholes and lines in need of repair.

4.1.1 Monitoring Program

Starting in July of 1999, as part of USFOS collection system rehabilitation services, six flow monitors were rotated between basins collecting data in each of the nine basins for approximately a six-month period per basin. Then the data was used to determine basins with significant amounts of I/I and narrow the focus of repair crews to the critical basins. In addition to flow meters, pump station run times and frequencies were used to collect data on typical and peak flows.

4.1.2 Wet Weather Peak Flow