



## Wastewater Inflow Abatement Technologies & Services



## MANHOLE INSPECTION

Manholes are one of the most common assets found in the sewer system and the routine review and maintenance of these assets can reduce possible system failure and the associated cost. In order to keep these assets in good condition, it is important to have a clear maintenance record. Our field staff routinely inspect manholes to ensure they are working properly to prevent overflows or other issues from arising.

Manholes are critical to SSES (Sanitary Sewer Evaluation Survey) standards and SSO (Sewer System Overflow) prevention, that is why USSSI performs a thorough inspection. This has become one of USSSI's leading services.

### Manhole inspection (Condition report with measurements) includes:

- 60 point survey that evaluates the condition of the ring/cover, chimney, cone, barrel, invert, bench, and piping
- GPS location of each manhole with a digital image
- Exact measurements of the inner dimensions (ID) and outer dimensions (OD) of the frame, the bench and invert, as well as any piping present in the basin
- As a courtesy, we give an "estimated cost" on any manholes that need rehabilitation. (We currently do not perform manhole rehabs)

### Benefits of using USSSI:

- Each crew can perform 60-80 manhole inspections each day
- Reporting is done on the spot during inspection, with digital image
- GPS coordinates of each manhole
- You have secured on-line access to the reports and can upload them each week to your GIS system



USSSI was established in 1999 with the express purpose of eliminating rainwater inflow into the wastewater collection systems. We have developed the AIIM program which provides unique products, procedures and systems.

When rainwater is prevented from entering the front end of the collection system, the AIIM program reduces overflows and spillages by increasing sewer capacity. The AIIM program is not only effective in preventing "Inflow" but it is also cost effective.

