

# Sentry Rapid Sewer Screening

## A Programmatic Approach to Large Diameter Sewer Screening

Assets should be prioritized based on criticality. Interceptor sewers are critical and require more monitoring than others. But at what cost? Using ADS's Innovative Screening Technology and turnkey field services this end-to-end, Data-as-a-Service (DaaS) solution enables municipalities to routinely monitor the health of these assets without breaking the bank. Obtain actionable data including:

- Characteristics
- Conditions
- Capacity
- Rate of change



## Screening Level Assessments (SLA) VS Diagnostic (PACP)

The Sentry program supports SLAs over more costly diagnostic methods for gathering data.

	COST	INSPECTION RATE	DELIVERABLE TIMELINE
<b>ADS</b> Sentry	✓ Low	✓ High	✓ Days
Conventional CCTV	✗ High	✗ Low	✗ Weeks

## State-of-the-art Technology

ADS's Sewer Scout data collection devices are designed for hard-to access large diameter [15 - 150 in. (381 - 3810 mm)] gravity fed sewers. These Sewer Scouts are remotely deployed through standard manholes and freely released into the flow. They capture High Definition 360° video of the exposed part of the sewer pipe.

The data collected is then uploaded to the Terralytics™ cloud platform where it is segmented and geoprocessed to locate the video within a pipe. The geolocated video is then screened and coded, using AI technology as a co-pilot, to identify the characteristics, condition, and capacity of the pipe.

# How Sentry Works

Sentry is a fully managed solution, no need to learn new hardware or software.



## Deploy & Collect

ADS deploys the Scouts and captures the data using the Subterra untethered, free-floating technology.



## Geoprocess

Data converted into georeferenced information.



## Screen & Compare

Customer defined criteria to be tagged, located, & compared.



## Report

Initial condition report delivered in days, followed by change logs for repeat screenings.

## Screening Results via Terralytics™

Terralytics™ is a cloud-based platform designed to host, process and screen large volumes of 360 video data collected from the field using our Scout technology.

- ✓ Quickly View and Share Videos
- ✓ Virtual 360 degree Pan and Tilt
- ✓ Transfer results to your asset management and ArcGIS system



## About **ADS**

ADS has been serving the water & wastewater industry for almost five decades and is the largest field service company in the municipal collection system business. With over 30 field offices across the US and Canada, our field teams are likely close to your project location. The Interceptor Sentry program is the latest in a long line of innovations that ADS has introduced to the municipal wastewater market.



**Learn more about ADS**  
<https://www.adsenv.com>

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