

/// A GPRS CASE STUDY

GPRS OFFERS COMPREHENSIVE NASSCO REPORTS WITH EVERY VIDEO PIPE INSPECTION.

TASK:

Contaminated Groundwater Infiltration.



PROBLEM

- The client requested us to locate and inspect the storm sewer system, including potential laterals, at a site with known soil and groundwater contamination.
- There were no known documents/maps of the storm sewer system or potential laterals.
- The client identified higher contaminant concentrations at the storm sewer outfall than at upstream catch basins.



SOLUTION

- We utilized our VPI services to locate and map all storm sewer lines, laterals, and flow direction to the outfall.
- GPRS can accurately locate and map pipes using lateral launch cameras, robotic CCTV crawlers, and push cameras.
- We identified the area of groundwater intrusion into the storm sewer system, which assisted in determining which portion of the system needed to be repaired.



BENEFITS

- **On Time:** Due to our rapid response, we kept the project moving, reducing downtime.
- **On Budget:** GPRS protected the client's budget by preventing expensive and unnecessary excavations.
- **Safety:** GPRS provided accurate storm sewer locations and depths as well as identifying the contaminated groundwater intrusion. The client was able to dig safely, repair the line and eliminate the contaminated groundwater infiltration.
- **Reputation:** By preventing the client from using a trial-and-error approach, they can quickly and accurately deliver their results to their customers.
- GPRS provides PDF and KMZ files for accurate storm sewer infrastructure maps.

VIDEO PIPE INSPECTION
CONCRETE SCANNING
REPORTS & DRAWINGS



GPRS
PROJECT
FINDINGS

