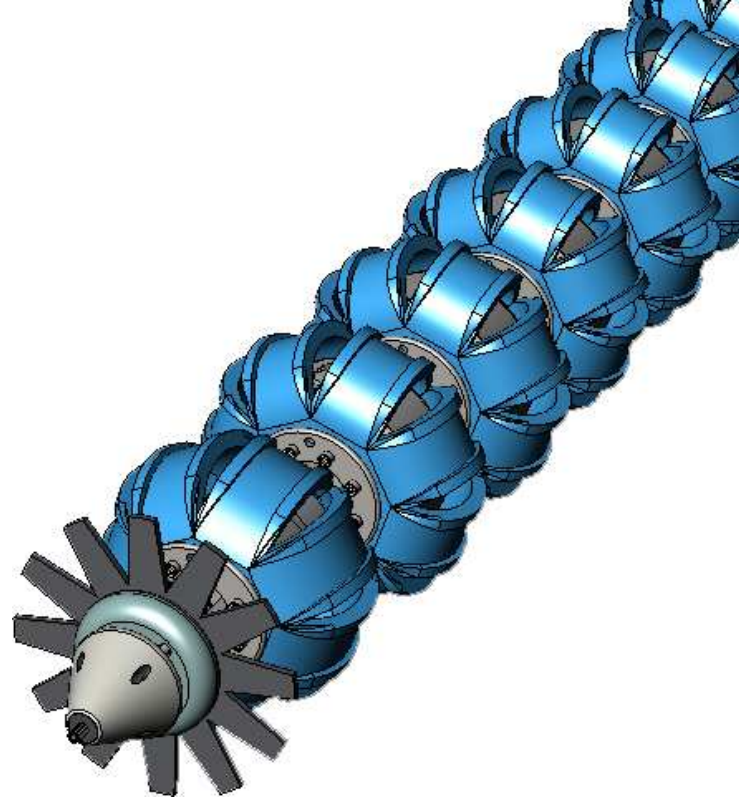


## 6" SeeSnake Inspection Tool

- Wastewater
- Water
- Industrial



## Overview

Unsurpassed in sensitivity, cornering ability and range, the new 6-inch See Snake represents the state-of-the-art in Remote Field Technology (RFT) inspection of metallic pipes. By combining some of the latest improvements in RFT technology with traditional pipeline pig designs, the 6-inch See Snake tool provides to municipal engineers the same type of information historically only available to oil and gas pipeline operators; with one major difference: "The See Snake tool determines the remaining wall of the pipe through internal scale and deposits."

The 6-inch See Snake tool has been specifically designed to inspect the wall thickness of the pipe at variable lift-offs to accommodate wall thickness variations, pipe ovality, liners and internal scale. The ultimate goal of the tool is to provide accurate condition assessment information that will allow reliable planning for critical mains. Using the See Snake's results operators will be able to determine the weak links in the line and address potential failures before they happen as a result of an external trigger.



"Good Decisions Start with Good Information."  
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## Project Snapshot

- Where: Alberta, Canada
- What: Water & Wastewater Force Main Inspection
- When: Summer 2009 - Current
- How: Tethered
- Why: A recurring part of the Condition Assessment Plan measuring pipe wall thickness throughout town
- Distance: Over 1,500 feet per day



## Details

A mature Asset Management Plan is not a reaction to the industry status quo, but a commitment to continually investigating the water and wastewater network. A long-term contract is a great way to monitor critical assets and better comprehend the system at large. While it's impossible to prevent every leak and break, a proactive approach can still save millions of dollars and prevent serious headaches.

For the past few years PICA has inspected over 25 lines with the same client in Alberta, Canada. The project started with water distribution lines and has grown into wastewater siphons as well. One of the major benefits when inspecting water distribution lines is the ability to gain truly trenchless access via fire hydrants. These tether approaches can inspect up to 3,000 from one hydrant, and in one week's work, an entire neighborhood can be assessed. PICA's 6" tools are highly flexible and can navigate Tees, elbows and bends with no problem. At the end of each day, data is downloaded and prepared for analysis.

A typical day's Final Report will show:

- PICA analyzed 33 pipe joints
- We located and sized the three worst defects in each pipe joint
- Possible through-holes were seen in 0 locations
- Average Wall Thickness was 96.5% (relative to its installation)



For more information about this project or how PICA can make your life easier, give us a call!



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