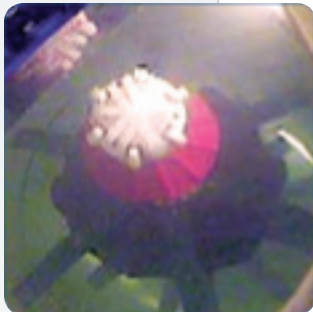


pipeDiver™



PipeDiver is specifically designed for live PCCP inspection.

What is PipeDiver™?

PipeDiver is an innovative, free-swimming condition assessment tool specifically designed for PCCP lines that are live or can't be taken out of service due to a lack of redundancy, or operational constraints. **PipeDiver** detects wire breaks that could lead to pipe ruptures while eliminating the need for de-watering and service shutdown.

How it Works

PipeDiver is a device consisting of a battery module, Remote Field Transformer Coupling (RFTC) module and a tracking module. RFTC technology produces an electromagnetic field; the prestressing wires in the pipe amplify the signal that is recorded by the receiver and if broken wires exist, the signal is distorted. With flexible fins that provide propulsion, **PipeDiver** can easily navigate most butterfly valves and bends in the pipeline while travelling long distances.

PipeDiver can be inserted to the live pipeline via a simple hot tap connection and insertion sleeve, an existing access or a submerged tank. Once inside the line, **PipeDiver** will travel with the water flow until it reaches a predetermined extraction point. **PipeDiver** movement and distance travelled is tracked from above ground via check points. The system has been engineered to overcome the challenge of insertion and retrieval from a live pressured main.

Why Use PipeDiver?

- *Pipelines can be kept in service during the inspection, reducing costs*
- *No interruption to local water services*
- *Flexible and modular design allows for easy navigation and longer distances*
- *Able to navigate through most butterfly valves and bends in the pipeline*
- *Accurate results that pinpoint areas of wire distress are obtained to help optimize repair*

Calgary, Alberta (Head Office)

3rd Floor, 705 - 11 Avenue SW
Calgary, Alberta, Canada T2R 0E3
(403) 266-6794

Columbia, Maryland

8920 State Route 108, STE. B
Columbia, Maryland, USA 21045
(443) 766-7873