

SMART PIPE SAVES \$5-6 MILLION

OIL & GAS INDUSTRY

AT A GLANCE

A Smart Pipe solution detected a leak from a berm on one of an Alberta operator's 200 leased plots of farmland, saving the operator a potential recovery cost of \$5-6 Million CAD in its first six weeks of operation.



CHALLENGES

01. The operator leases remote parcels of land from farmers, with a berm running around the edge of each. Livestock is all around, and bodies of water are often present, in one case only twenty meters from the berm.

02. The cost, risk and time of staff driving to the site to carry out visual inspections are huge and cannot deliver adequate coverage. It is often only feasible to inspect once per week, when even daily inspections aren't enough.

KEY METRICS



\$5M CAD

Savings in remediation costs in first 6 weeks of operation.



4 Days

Leak identified & located 4+ days earlier than without the use of smart pipe monitoring.

The data provided is based on customer feedback regarding the use of our IIoT solution in specific scenarios. While we strive for accuracy, results may vary based on individual circumstances.

SOLUTION

- » Installing Smart Sensors in the berm instantly provided 24/7 monitoring to reduce inspection visits.
- » Sensors identified a leak in the first six weeks of operation. A maintenance team responded within an hour to shut down the leak, and nothing breached the lease.
- » If the leak had remained undetected until the next scheduled maintenance visit, estimated losses would have been in the range of \$5-6 Million CAD.

BENEFITS



Improve relationships with landowners by having intelligent leak detection monitoring on site.



Reduce the risk of environmental harm, cleanup expenses, reputational damage should a leak occur.



Eliminate costs and risks associated with frequent site checks, especially in extreme weather.