

PIPE DOGS

INCORPORATED

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by Richard Eckles
President & Founder

What is Pipe Dogs Inc.?

- We are an Oil & Gas Pipeline Leak Detection Company.
- **Mission:** To provide efficient and timely pipeline leak detection services for the oil & gas industry, with the use of specially trained leak detection dogs that can detect pinhole leaks with accuracy.
- Proprietary chemical scent.



Our Process

- Upstream, Midstream
- Diameter of pipeline
- Length of pipeline (miles or feet)
- Location of Pipeline
- Scope of work & pricing sheet generated
- Mobilize
- On your jobsite within 72 hours or less
- Technician injects proprietary scent into frac tanks with test water.



Our Process cont.

- Bring line up to test pressure and maintain for 24 hours.
- Handler walks the right-of-way with the dogs searching for the leak.
- Dog alerts with a scratch and dig response.
- **LEAK IS LOCATED!**



Video Link: <http://www.pipedogs.com/our-dogs.html>



Strategic uses:

- 911 response
- Maintenance contracts
- Pinpointing leaks to within 4 meters
- Dogs are a great alternative for unpiggable pipelines
- Locating illegal taps
- Routine inspection as part of an integrity management plan
- Prove due diligence and could reduce liability



Experience





Why Dogs?

1. Proven track record of their capabilities.
 - Narcotic detection
 - Explosive Detection
 - Pentagon spent \$19 Billion
 - Cancer Detection
 - Bed bugs
 - Cadaver Dogs
 - Pipeline Leak Detection (Techscent)
 - Canada, United Kingdom, USA



Why Dogs?

2. Auburn University conducted olfactory detection trials and documented limits of dogs detection ability from tens of ppb to 500 ppt.



Pipe Dogs





Conclusion

Using Dogs on the pipeline:

- Safe
- Saves down time
- Money
- Manpower
- Pinpoint accuracy (within 4 meters)
- Environmentally friendly



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