



Echologics Engineering,
A Division of Mueller Canada Ltd.
6295 Northam Drive, Unit 1
Mississauga, ON
L4V 1W8
Phone: 905-672-echo (3246)
Fax: 905-612-0201
Toll Free: 1-866-echolog (324-6564)

Leak Detection and Condition Field Specialist

Location: Toronto, Irving / Dallas Texas, New Orleans

Contact: recruiting@echologics.com

Echologics, a world leader in Leak Detection and Condition Assessment of Water Mains requires an engineering technician / technologist graduate, or experienced acoustic leak detection technician, as a Field Specialist with experience in leak detection and condition assessment for water pipelines. The position will include the following responsibilities:

- Conducting leak detection surveys of distribution water mains
- Conducting transmission main leak detection studies
- Conducting condition assessment measurements on distribution mains
- Interfacing with client representatives and communicating results
- Conduct water meter reading, installation, and maintenance
- Perform flow measurements of transmission mains
- Manage and maintain equipment for leak detection and condition assessment projects
- Prepare leak detection and condition assessment reports

This role involves roughly 70% travel, with each trip typically lasting one to four weeks. Most of the work will be outdoors, conducting leak detection and condition assessment tests on water pipelines, with analysis and reporting duties between deployments. This is a growth-oriented position with opportunities to advance in technical and leadership areas. While this is an entry-level posting, Echologics is also looking for applicants to more senior project engineers with experience specifically related to this role.

The following qualifications are required for the position:

- Engineering technologist or technician degree, with civil or mechanical specialty preferred, **or** at least 3 years of experience in acoustic leak detection on water systems
- Experience doing outdoor field work, or outdoor hobbies.
- Strong verbal and written communication skills
- Demonstrated ability to problem solve technical issues
- Demonstrated ability to work independently
- Desire to travel within North America and abroad
- Desire to work outdoors doing mechanical and electronics work
- Experience taking readings or measurements on piping

The successful candidate will have some of the following additional qualifications:

- Experience in water leak detection, including acoustic techniques
- Experience in non-revenue water management or pipeline assessment
- Education or experience in the water industry
- Education or experience in leak detection or non-destructive testing
- Experience in a position that involved significant troubleshooting
- Experience working with custom electronics or instrumentation
- Familiarity with water distribution system layout and design in the North America related to application of leakage control techniques