



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF ENVIRONMENTAL
RESPONSE AND REMEDIATION

Brent H. Everett
Director

ERRU-035-11

March 16, 2010

David Rabb
Leak Detection Technologies International
1400 Paseo Pavon
Tucson, Arizona 85718

Re: **Approval of Leak Detection Technologies International's MDleak[®] to be used in Utah as a Non-Volumetric Tank Tightness Test (Tracer)**

Dear Mr. Rabb:

You submitted information on the MDleak[®], by Leak Detection Technologies International, to be reviewed and approved for use in the State of Utah. The Division of Environmental Response and Remediation (DERR) completed this review, and in accordance with 40 CFR 280.43(c) issues approval for MDleak[®] for use in Utah. This approval is effective as of the date of this letter and is subject to all the following conditions:


1. This test may be used to perform tank tightness tests on USTs regulated under 40 CFR 280, aboveground storage tanks, bulk USTs (greater than 50,000 gallons), and for interstitial tank tightness tests. MDleak[®] may also be used for line tightness testing for product lines associated with the tank systems listed above as well as large pipeline (hydrant) systems. In all cases, the appropriate testing protocol developed by Leak Detection Technologies International must be followed.
2. Tests used on USTs regulated under 40 CFR 280 or tanks voluntarily participating on Utah's Petroleum Storage Tank (PST) Fund shall meet a 0.1 gph Leak Rate with a 95% pd and 5% pfa.
3. Leak Detection Technologies International shall ensure the on-site tester be certified as a Utah State Certified UST Tester as required under R311-201. The tester certification must be valid anytime tests are being conducted on tanks regulated under 40 CFR 280 or tanks that are voluntarily participating in Utah's Petroleum Storage Tank (PST) Fund.

4. Within 24 hours of finding any "Leak" in an UST, whether by failed tightness test, release detection alarm, sample analysis results, or internal visual observation of ingress or perforation, Leak Detection Technologies International must notify DERR of a "Suspected Release." This notification does not necessarily mean a release to the environment has yet been confirmed.

The DERR reserves the right to revoke or modify this approval or disapprove any tests at anytime if the contingencies outlined above are not followed, or the Executive Secretary (UST) determines that these contingencies are not protective of human health and the environment.

If you have any questions regarding this approval, please contact **William Moore** at (801) 536-4106.

Sincerely,



Brent H. Everett, Executive Secretary (UST)
Utah Solid and Hazardous Waste Control Board

BHE/WEM/lkg