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State Water Resources Control Board

Division of Water Quality

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Arnold Schwarzenegger
Governor

August 13, 2010

To: Interested Parties

(This letter supersedes our August 12, 2010 correspondence on the same subject.)

Until such time the State Water Resources Control Board (State Water Board) Staff revise Local Guidance (LG) Letter 113, this letter serves as interim documentation for use of the following sensors.

Veeder Root 794380-344 and 794390-420 Sensors

State Water Board Staff has reviewed the *Evaluation of the Veeder-Root MicroSensor and Tank Interstitial Sensors 794380-344 and 794390-420 Sensors for use with the TLS 450 Series¹, TLS-350 Series, TLS-300 Series, EMC Series, EMC Basic, Red Jacket ProMax and Red Jacket ProPlus Final Report* dated August 5, 2010 prepared by Mr. Ken Wilcox. This report documents the evaluation of the 794380-344 and 794390-420 sensors tested for use with waste oil. In this report Mr. Wilcox certifies that the 794380-344 and 794390-420 liquid level sensors were tested under conditions according to Veeder Root's instructions and that the evaluation was performed using methods described in the Alternative Environmental Protection Agency Test Procedures for Liquid Level Sensors. Based on Mr. Wilcox's certification that the sensors were evaluated in accordance with an acceptable leak detection test method protocol and that the sensors meet the Environmental Protection Agency performance standards the 794380-344 and 794390-420 sensors are eligible for use in the detection of liquid leaks for waste oil underground storage tank (UST) systems.

Detector type, comments, and any specific limitations noted in the current LG 113 listing for these sensors still apply, and can be found at http://www.waterboards.ca.gov/water_issues/programs/ust/leak_prevention/lq113/.

Veeder Root 794390-420, 794380-430, 794380-345, 794380-208, 794380-323, and 794380-344 Sensors

State Water Board Staff has reviewed the documentation provided by Mr. Wilcox regarding the 794390-420, 794380-430, 794380-345, 794380-208, 794380-323, and

¹ Please note the TLS-450 is not yet available for use in California.

794380-344 sensors. Mr. Wilcox attests that these interstitial sensors will function properly in containment areas other than tank interstitial spaces, such as containment sumps and other contained enclosures. Based on Mr. Wilcox's findings the 794390-420, 794380-430, 794380-345, 794380-208, 794380-323, and 794380-344 sensors are eligible for use in containment sumps and contained enclosures; however these sensors are to be installed at the lowest point of the containment to ensure early detection and may not be modified in the field in anyway.

Detector type, comments, and any specific limitations noted in the current LG 113 listing for these sensors still apply, and can be found at http://www.waterboards.ca.gov/water_issues/programs/ust/leak_prevention/lg113/.

If you have questions regarding this letter please contact me at (916) 341-5870 or lfisher@waterboards.ca.gov.

Sincerely,



Laura S. Fisher, Chief
Underground Storage Tank Technical Unit