Detterman, Mark, Env. Health

From:	Weston, Robert, Env. Health
Sent:	Friday, June 19, 2015 9:25 AM
To:	'de liu'; 'Larry Liu'
Cc:	Hugo, Susan, Env. Health; Jakub, Barbara, Env. Health; Detterman, Mark, Env. Health; Weston, Robert, Env. Health
Subject:	1716 Webster Street, Alameda CA -- Failed Periodic Test Tank 2
Attachments:	201506181537.pdf

Importance: High

De Long and Larry,
Based on the lack of a passing test on June 19, 2015 after receiving the Periodic Test Fail on June 18, 2015 and the Veeder Root diagnostics, the underground storage tank #2- 91 Octane cannot be filled again until a integrity test is performed. We consider this situation very serious and a potential unauthorized release of gasoline.

You are required to begin checking the Veeder Root system for other types of problems to determine the cause of the alarm. The CSLD troubleshooting guide (attached) I sent you by email on 6-18-15 is a starting point.

Please keep us informed of your findings.

Robert Weston
Sr. Hazardous Materials Specialist
ICC Certified UST Inspector
Alameda County Department of Environmental Health
510 567-6781

-----Original Message-----
From: de liu [mailto:delongliu@me.com]
Sent: Friday, June 19, 2015 8:08 AM
To: Weston, Robert, Env. Health
Subject: Webster st alameda

Robert

The prints still shows not enough data.b maybe need couple more days to gather all the testing data needed. I have arranged Tanklogy to do the integrity test next week. Will let you know the date

Thanks

Delong

gallons when the tank is idle are indications that the probe may be the problem. Also verify the amount of samples the TLS is receiving from the probe -there should be at least 7 and as many as 31.

7. Noisy probe wiring. Check connections.

8. Air eliminator tube missing from Red Jacket pump

    • Install air eliminator tube.

9. Clogged FE Petro siphon jet assembly

    • Clean assembly.

ALARM: PERIODIC TEST FAIL

This message is posted when CSLD data indicates a high probability that a tank is leaking. The threshold for this determination is shown below,

Single Tanks:

PD - 95% = +0.17 gph

PD - 99% = +0.16 gph

Manifolded Tanks:

PD - 95% = +0.16 gph

PD - 99% = +0.15 gph

Review the rate table leak rates (LRATE). If the rates are not consistent (-0.83, +0.06,-0.90, -0.62, etc.) most likely the tank is not leaking.

Possible reasons for this message:

1. Tank is leaking.

2. CSLD is not recognizing the start of a busy period soon enough. These conditions are caused by small and/or slow dispenses, as in the case of operation with blenders. The solution would be to install a Pump Sense Module.

3. An external device is periodically turning On the pump power. This usually results in large negative leak rates. A Pump Sense Module will solve this problem.

4. Coefficient of expansion programmed incorrectly.

5. Tank is manifolded but programmed incorrectly.

6. Excessive compensation. Check in the IA500 report for excessive compensation by comparing the compensated value (LRATE) to the uncompensated value (AVLRTE). The most likely cause of excessive compensation is bad probe temperature readings.

7. Stuck floats. Install a collar on the probe shaft to prevent floats from entering riser.

8. Floats damaged or installed incorrectly.

9. A stuck relay is causing the pump to run continuously. This causes the fluid to heat up around the pump producing temperature compensation errors.

10. Excessive evaporation due to an air leak into the tank may be the cause of a periodic leak test failure. Check vapor recovery system, pressure vent cap, all tank sump areas and riser caps, delivery sump plunger valve, etc.