



Failed Sump Test Suspected Release Investigation Questionnaire Report

When a sump (turbine sump, UDC, or transition sump) used for interstitial monitoring leak detection fails a tightness test, DEQ must be notified of a “suspected release” condition within 24 hours unless the cause of the failure is repaired within 24 hours and there is no release from the UST system. Suspected releases require an investigation to be completed within 7 days, unless DEQ allows longer.

In the event of a failed sump test, please fill out and submit this form to the UST inspector serving your county.

- [UST Inspector Coverage Map](#)

A. A precision line tightness test will need to be completed of the fuel lines associated with the failed sump within 7 days. A record of that line tightness test along with answers to the following questions needs to be submitted within 7 days or another period of time agreed to by DEQ, of a notification of a failed sump test.

B. Please provide - photos and/or detailed diagrams of the sump.

C. Please answer the following questions:

1. Which sump(s) failed?

2. Exactly where and how did the sump(s) test fail?

3. Are there penetrations on the floor of the sump(s)?

4. What does the alarm history show for the sensors in the associated sump(s)?

5. Have there been other suspected releases at the site, in the last three years, where fuel has been found in the sump(s)? If yes, please list dates.

6. Are there observation wells in tank nest?

7. Are there or has there been any conditions to suggest that fuel has been in the sump(s)? If yes, explain.

8. Were sensors found to be functional on day of testing?

9. Were sensors set to activate below lowest penetration?

10. Were sensors set at lowest point in sump(s)?

11. If present, is chase piping open to the containment sump(s)?

12. When and how will sump(s) be repaired/replaced and tested again?

Answers to these questions will help the UST inspector to determine what additional steps, if any, are needed for completion of the investigation. Possible future steps could include: testing tightness of secondary space of lines, sampling observation wells in tank nest and/or site assessment.