

Manual Interstitial Monitoring

(for Tanks and Piping)

Description	Secondary containment is a barrier between the portion of an UST system that contains product and the outside environment. The area between the inner and outer barriers — called the interstitial space — is monitored manually or automatically from the automatic tank gauge for evidence of a leak.
Perform These Actions	<ul style="list-style-type: none">❑ Visually observe and inspect for leaks at least every 30 days. Inspecting more often than monthly can catch leaks sooner and reduce cleanup costs and problems.❑ If your visual inspection ever indicates a release, contact a petroleum service provider to investigate. A suspected release must be reported to DEQ.❑ Keep interstitial monitoring access ports clearly marked, maintained, and secured.❑ Make sure employees who visually inspect and monitor for leaks know exactly what they have to do and to whom to report problems. Develop and maintain regular training programs for all employees.
Keep These Records	<ul style="list-style-type: none">❑ Keep results of your release detection log for at least 1 year. Unless you are keeping visual log results at least every 30 days and maintaining records, you are not doing leak detection right.

Manual Interstitial Log



Use this form if the UST system has double-walled tanks and/or piping but does not have liquid sensors.

Once a month, a trained individual must be able to check all the containment sumps, dispenser pans and tank annular spaces for the presence of liquid. If either water or fuel is found in these interstitial spaces, immediate action should be taken to remove the liquid and determine how the liquid entered the space.

CAUTION: Opening up sump lids can be dangerous. Make sure staff are trained on how to open a sump, how to observe for liquids, and what to do if you discover a problem.

Month	Date	Any liquid present? Yes/No. If so, water or fuel?	If Yes, which tank or pipe?	Response Action	Initials
January	/ /				
February	/ /				
March	/ /				
April	/ /				
May	/ /				
June	/ /				
July	/ /				
August	/ /				
September	/ /				
October	/ /				
November	/ /				
December	/ /				

WARNING: Any product in the interstitial space should be treated as a suspected release.

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