

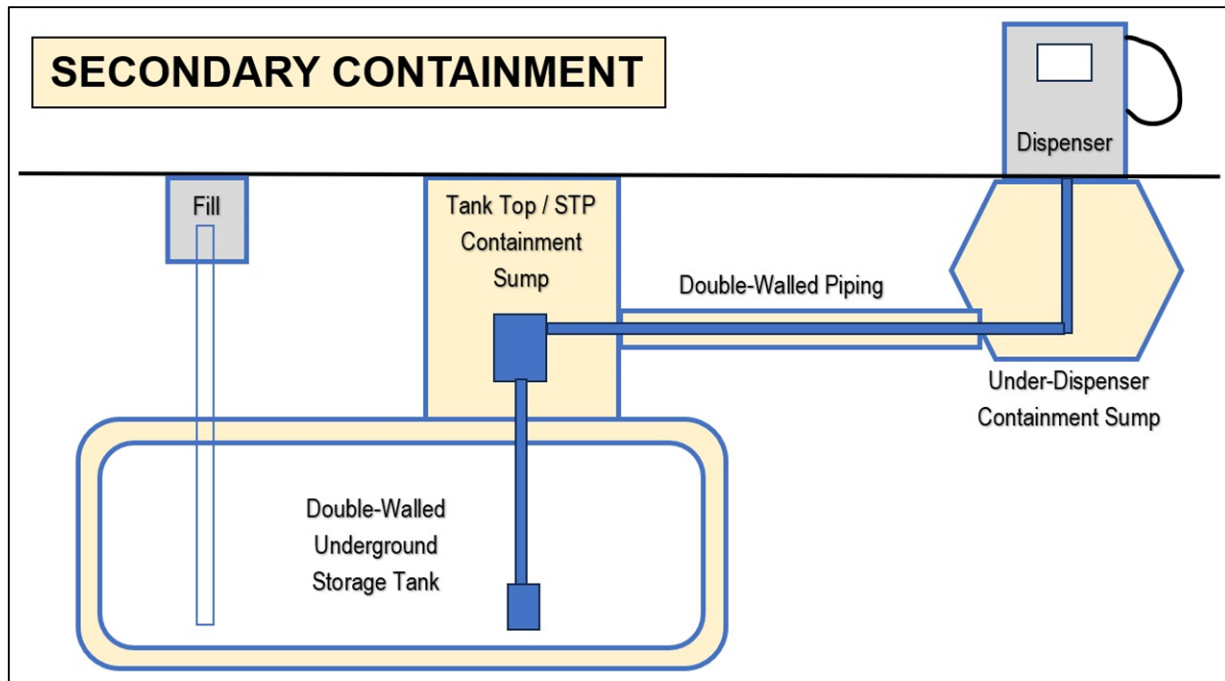
Secondary Containment for Underground Storage Tanks

Overview

Secondary containment is required for most underground storage tanks (USTs), piping, and dispensers installed on or after September 15, 2010. Owners/operators must perform interstitial monitoring on double-walled tanks and piping installed after September 15, 2010. This fact sheet provides a brief overview of secondary containment requirements.

What is secondary containment?

- Secondary containment refers to a structure that places an additional protective barrier around UST equipment. Examples include containment sumps (which enclose piping or under-dispenser equipment) and double-walled tanks and piping (where the outer wall secondarily contains the inner wall). **Secondary containment must be compatible with the substance stored.**



When do secondary containment requirements apply?

- As of September 15, 2010:
 - Any new or replaced UST must be double-walled and set up for interstitial monitoring
 - Any new or replaced UST piping must be double-walled and set up for interstitial monitoring, unless:
 - It is safe suction (only check valve located at the pump, no foot valve at the tank, and the piping slopes down to the tank).
 - Less than 50% of an existing piping run is replaced. If 50% or more is replaced, the entire line must be replaced with double-walled piping and set up for interstitial monitoring.
 - It is piping that manifolds two or more petroleum USTs together (siphon bars).
 - Any new or replaced fuel dispenser must be installed with an under-dispenser containment sump.
- All secondarily contained USTs and piping (except safe suction piping) installed on or after September 15, 2010 must be monitored for releases via interstitial monitoring at least every 30 days.

For more information:

- Contact the Office of Spill Response & Remediation at tank@deq.virginia.gov, or contact your regional DEQ Office: <https://www.deq.virginia.gov/get-involved/about-us/contact-us>
- Review *Interstitial Monitoring for Underground Storage Tanks and Piping*