



Double-wall interstitial space liquid filled containment sumps

How do we monitor?

2



Regulatory Requirements

UST reg requirement found in 280.35(a)(1) states:

- ▶ (1) Spill prevention equipment (such as a catchment basin, spill bucket, or other spill containment device) and containment sumps used for interstitial monitoring of piping must prevent releases to the environment by meeting one of the following:
- ▶ (i) The equipment is double walled, and the integrity of both walls is periodically monitored at a frequency not less than the frequency of the walkthrough inspections described in § 280.36. Owners and operators must begin meeting paragraph (a)(1)(ii) of this section and conduct a test within 30 days of discontinuing periodic monitoring of this equipment.

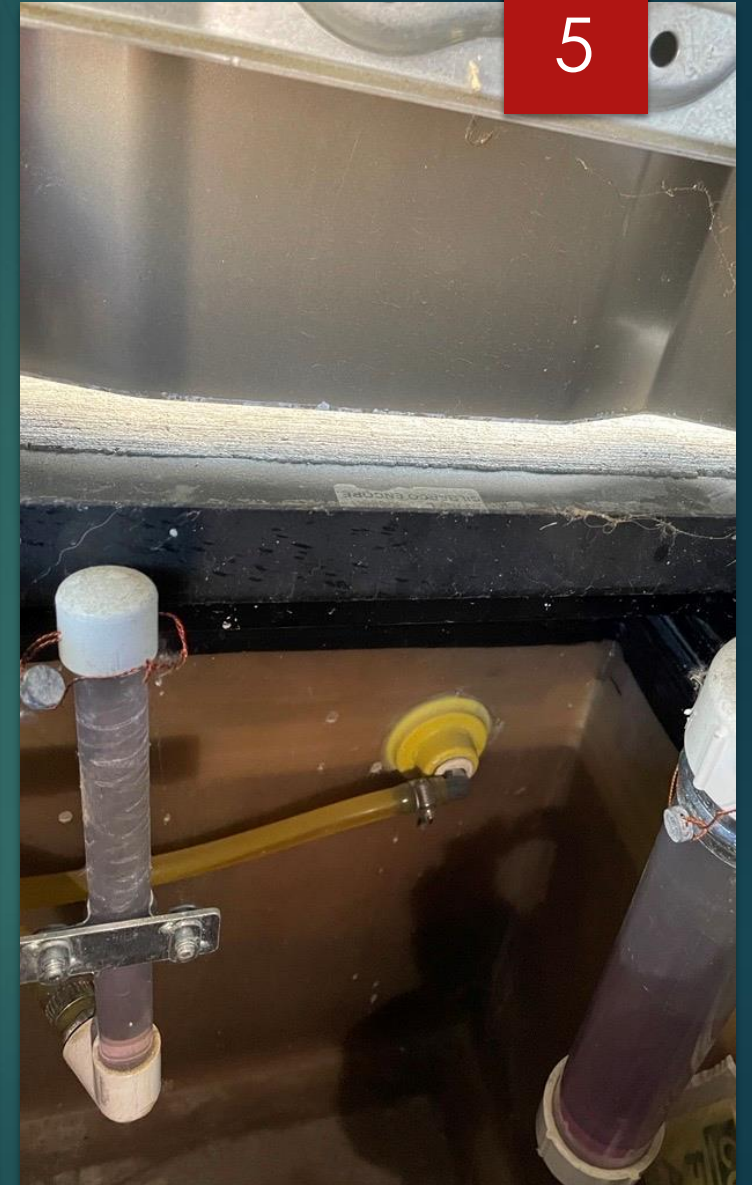
Monitoring Double Wall Sumps

- ▶ Interstitial monitoring (continuous)
- ▶ Liquid Sensors (Interstitial)
- ▶ Manual monitoring and visual inspection
- ▶ Periodic testing



Under Dispenser Containment

- ▶ Interstitial monitoring
- ▶ Manual monitoring and visual inspection
- ▶ Periodic testing



References

- ▶ B-8000/9000 D-AB Double Wall UDC Installation Instructions for Hydrostatic and Vacuum Monitoring, Bravo Systems, Inc
- ▶ 40 CFR § 280.35 (a)(1)