

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

PST FULL CEI #71 SECONDARY CONTAINMENT BARRIER

Reg Ent Name : _____

Date : _____

Add ID _____

Investigator Name _____

Item No.	Description	Answer	Citations	Notes
1	Material used for secondary barrier?			
2	Excavation zone between tank system and barrier are monitored manually or automatically?			
3	Manufacturer and type of device used for monitoring excavation zone?			
4	Excavation zone monitoring device utilized tests for vapors, liquids, or both?			
5	Equipment used for monitoring (e.g. electronic monitoring box or manual equipment) is present and appears functional?			
6	All appropriate installation records present?		334.50(e)(2)(A)	
7	Maintenance records are available?		334.50(e)(2)(E)	
8	Documentation of performance claims/3rd party certifications available for equipment and release detection method?		334.50(e)(2)(B)	
9	The excavation liner (barrier) consists of an artificially constructed material that is of sufficient strength, thickness, puncture resistance, and impermeability (allow permeation at a rate no more than 0.25 ounces per sq ft per 24 hrs for the regulated substance) in order to permit the collection and containment of any releases from the UST system?		334.45(d)(3)(B)(i)	
10	The excavation liner (barrier) is protected from corrosion?		334.45(d)(3)(B)(ii)	
11	The excavation liner (barrier) is compatible with the stored regulated substance and will not deteriorate in contact with that substance?		334.45(d)(3)(B)(iii)	
12	The excavation liner (barrier) provides containment volume of no less than 100% of the full capacity of the largest tank within its containment area?		334.45(d)(3)(B)(iv)	
13	The sampling, testing, or monitoring method is designed and installed in a manner that will ensure that groundwater, soil moisture, and rainfall will not render the method inoperative where a release could remain undetected for more than 35 days?		334.50(d)(8)(C)	
14	Secondary barrier is positioned above groundwater level and is outside the 25 year flood plain? (Not a violation if the barrier and monitoring equipment are designed for such conditions)		334.50(d)(8)(D)(i)	
15	Wells are installed and designed in accordance with the requirements of 334.46(g)?		334.50(d)(8)(E)	
16	Monitoring records available for past 5 years?		334.50(e)(2)(C)	
17	If a possible release was detected, was the Commission notified of a suspected release?		334.72	

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