

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

PST FULL CEI #71 SECONDARY CONTAINMENT BARRIER

Regulating Entity Name

Date :

Additional I D:

Investigator Name:

Item Number 1	Description Material used for secondary barrier?		
	Answer	Citations	Notes
Item Number 2	Description Excavation zone between tank system and barrier are monitored manually or automatically?		
	Answer	Citations	Notes
Item Number 3	Description Manufacturer and type of device used for monitoring excavation zone?		
	Answer	Citations	Notes
Item Number 4	Description Excavation zone monitoring device utilized tests for vapors, liquids, or both?		
	Answer	Citations	Notes
Item Number 5	Description Equipment used for monitoring (e.g. electronic monitoring box or manual equipment) is present and appears functional?		
	Answer	Citations	Notes
Item Number 6	Description All appropriate installation records present?		
	Answer	Citations 334.50(e)(2)(A)	Notes
Item Number 7	Description Maintenance records are available?		
	Answer	Citations 334.50(e)(2)(E)	Notes
Item Number 8	Description Documentation of performance claims/3rd party certifications available for equipment and release detection method?		
	Answer	Citations 334.50(e)(2)(B)	Notes
Item Number 9	Description 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?		
	Answer	Citations 334.45(d)(3)(B)	Notes
Item Number 10	Description The excavation liner (barrier) is protected from corrosion?		
	Answer	Citations 334.45(d)(3)(B)	Notes
Item Number 11	Description The excavation liner (barrier) is compatible with the stored regulated substance and will not deteriorate in contact with that substance?		
	Answer	Citations 334.45(d)(3)(B)	Notes
Item Number 12	Description The excavation liner (barrier) provides containment volume of no less than 100% of the full capacity of the largest tank within its containment area?		
	Answer	Citations 334.45(d)(3)(B)	Notes
Item Number 13	Description 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?		
	Answer	Citations 334.50(d)(8)(C)	Notes
Item Number 14	Description 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)		
	Answer	Citations 334.50(d)(8)(D)	Notes
Item Number 15	Description Wells are installed and designed in accordance with the requirements of 334.46(g)?		

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	Answer	Citations		Notes
Item Number 16	Description	Monitoring records available for past 5 years?	334.50(d)(8)(E)	
	Answer		334.50(e)(2)(C)	Notes
Item Number 17	Description	If a possible release was detected, was the Commission notified of a suspected release?		
	Answer		334.72	Notes