

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

WQ LAND APPLICATION CHECKLIST

Regulating Entity Name

Date :

Additional I D:

Investigator Name:

Item Number 1	Description Is the irrigated area the same area described and listed in the permit?	Answer	Citations	Notes
Item Number 2	Description Are irrigation practices designed and managed to prevent ponding of final effluent or contamination of ground and surface waters?	Answer	Citations	Notes
Item Number 3	Description Are irrigation practices designed and managed to prevent the occurrence of nuisance conditions in the area?	Answer	Citations	Notes
Item Number 4	Description If tailwater control facilities are necessary to prevent the discharge of any treated wastewater from the irrigated land, are sufficient, well-maintained tailwater control facilities available at the irrigation field?	Answer	Citations	Notes
Item Number 5	Description Is treated wastewater applied to the irrigation field only when there are no rainfall events or when the ground is not frozen or saturated?	Answer	Citations	Notes
Item Number 6	Description Is treated wastewater applied to the irrigation field at or below the permitted application rate?	Answer	Citations	Notes
Item Number 7	Description Has the permittee provided equipment which measures application rates and maintains accurate records of the volume of final effluent applied to the irrigation field?	Answer	Citations	Notes
Item Number 8	Description Does the permittee maintain records of the application rates for three years?	Answer	Citations	Notes
Item Number 9	Description Do the holding ponds conform to the "Design Criteria for Sewerage Systems" requirements for stabilization ponds with regard to construction and levee design?	Answer	Citations	Notes
Item Number 10	Description Do the holding ponds have a minimum of 2 feet of freeboard at the time of the investigation?	Answer	Citations	Notes
Item Number 11	Description Are the holding ponds well maintained with regard to erosion control?	Answer	Citations	Notes
Item Number 12	Description Are the holding ponds well maintained with regard to weed and tree control?	Answer	Citations	Notes
Item Number 13	Description Are annual soil samples being collected and analyzed each year?	Answer	Citations	Notes
Item Number 14	Description Is each soil boring separated into three samples according to the following depth zones: 0 to 6 inches, 6 to 18 inches, and 18 to 30 inches below the ground surface?	Answer	Citations	Notes
Item Number 15	Description Are the soil samples analyzed for pH, total nitrogen, potassium, phosphorus and conductivity?	Answer	Citations	Notes

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WQ LAND APPLICATION CHECKLIST (Cont)

Item Number 16	Description	Are the results of the soil samples submitted to the TCEQ Regional Office and to the Water Quality Compliance Monitoring Team of the Enforcement Division during September of each year?		
	Answer	Citations	Notes	
Item Number 17	Description	Does the permittee maintain a long-term contract with the owner of the land application site which is authorized for use in the permit, or own the land authorized for land application of treated effluent?		
	Answer	Citations	Notes	
Item Number 18	Description	If rechlorination of the final effluent, prior to entering the irrigation system, is required in the permit, then, does the permittee maintain a trace chlorine residual in the final effluent at the point of irrigation application?		
	Answer	Citations	Notes	
Item Number 19	Description	Does the permittee have an adequate number of signs erected stating the irrigation water is from a non-potable water supply?		
	Answer	Citations	Notes	
Item Number 20	Description	Do the non-potable water supply signs consist of a red slash superimposed over the international symbol of drinking water accompanied by the message "DO NOT DRINK THE WATER" in both English and Spanish?		
	Answer	Citations	Notes	
Item Number 21	Description	Is all piping transporting the final effluent clearly marked with non-potable water supply signs?		
	Answer	Citations	Notes	
Item Number 22	Description	Are spray fixtures for the irrigation system of such design that they cannot be operated by unauthorized personnel?		
	Answer	Citations	Notes	
Item Number 23	Description	Is final effluent only applied to the land application site when the area is not in use?		
	Answer	Citations	Notes	
Item Number 24	Description	Are permanent transmission lines installed from the holding pond to each tract of land to be irrigated utilizing final effluent from that pond?		
	Answer	Citations	Notes	
Item Number 25	Description	Are the holding ponds for the retention of treated or untreated wastewater adequately lined to control seepage?		
	Answer	Citations	Notes	
Item Number 26	Description	Does the permittee comply with the requirements of 30 TAC Section 309.13 (a) - (e)?		
	Answer	Citations	309.13(e)(1)	Notes
Item Number 27	Description	Has the permittee prevented cross-connection with a potable water supply system?		
	Answer	Citations	309.20(b)(5)(B)	Notes
Item Number 28	Description	Is the cover crop of the irrigation field harvested a minimum of once per year?		
	Answer	Citations	309.20(b)(5)(D)	Notes
Item Number 29	Description	Were there any other violations noted? If yes, list below:		
	Answer	Citations	Notes	
Item Number 30	Description	Item one:		
	Answer	Citations	Notes	
Item Number 31	Description	Item two:		
	Answer	Citations	Notes	
Item Number 32	Description	Item three:		
	Answer	Citations	Notes	

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Item Number 33	Description Item four:			
	Answer	Citations		Notes
Item Number 34	Description Item five:			
	Answer	Citations		Notes