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Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

MSW LANDFILL GAS

Reg Ent Name : _____

Date : _____

Add ID _____

Investigator Name _____

Item No	Description	Answer	Citations	Notes
	SECTION A: Landfill Gas Management Plan			
1	Is a copy of the Landfill Gas Management Plan kept on-site or at an alternate location approved by the executive director?		330.125(a)	
2	Revision date of the current Landfill Gas Management Plan:			
3	Date of TCEQ approval of the current Landfill Gas Management Plan:			
	SECTION B: Methane Monitoring, Exceedences and Remediation			
4	Did the documented concentration of methane gas not exceed 1.25% by volume in facility structures (excluding gas control or recovery system components)?		330.371(a)(1)	
5	Did the documented concentration of methane gas not exceed 5% by volume in monitoring points, probes, subsurface soils, or other matrices at the facility boundary?		330.371(a)(2)	
6	Is a routine methane monitoring program implemented to ensure that the standards of subsection (a) of this section are met?		330.371(b)	
7	Is the frequency of monitoring conducted at least quarterly or as required by the executive director?		330.371(k)(1) 330.371(b)(2)	
8	If either Item No. 4 or No. 5 are Non COMPLIANT, answer Item Nos. 8.A. - 8.F., otherwise skip to Item No. 9:			
8A	Have all necessary steps been taken to ensure protection of human health and have the executive director, local and county officials, emergency officials, and the public been notified?		330.371(c)(1)	
8B	Has the concentration of methane gas levels detected and a description of the steps taken to protect human health been placed in the operating record within seven days of detection?		330.371(c)(2)	
8C	Has a remediation plan for the methane gas releases been implemented within 60 days of detection?		330.371(c)(3)	
8D	Has a copy of the remediation plan been placed in the operating record within 60 days of detection?		330.371(c)(3)	
8E	Has a copy of the remediation plan been provided to the executive director within 60 days of detection?		330.371(c)(3)	
8F	Date of TCEQ approval of the remediation plan:			
8G	Has the executive director been notified that the remediation plan has been implemented within 60 days of detection?		330.371(c)(3)	
8H	Does the remediation plan describe the nature and extent of the problem and the proposed remedy?		330.371(c)(3)	

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MSW LANDFILL GAS (Cont)

9	Has an alternate schedule for compliance with items in 7 and 8 above been established by the executive director?			
10	Have gas monitoring and control systems been revised as needed to maintain current and effective gas monitoring and control systems?		330.371(f)	
	SECTION C: LFG Management Plan and Monitoring			
11	Does the Landfill Gas Management Plan include a description of how landfill gases will be managed and controlled?		330.371(g)(1)	
12	Does the Landfill Gas Management Plan include a description of the proposed system(s), including installation procedures and time lines for installation, monitoring procedures, and procedures to be used during maintenance?		330.371(g)(2)	
13	Does the Landfill Gas Management Plan include a backup plan to be used if the main system breaks down or becomes ineffective?		330.371(g)(3)	
14	Is a perimeter monitoring network installed?		330.371(h)	
15	Indicate in the comments section the type of perimeter monitoring network installed.			
16	Does the monitoring network include provisions for monitoring on-site structures, including, but not limited to, buildings, subsurface vaults, utilities, or any other areas where potential gas buildup would be of concern?		330.371(i)	
17	Does the operating record or do actual measurements made during the investigation document that all monitoring probes and on-site structures are sampled for methane during each monitoring period?		330.371(j)	
18	For municipal solid waste landfill units or municipal solid waste sites that are in the post-closure maintenance period and for which landfill gas monitoring and control is required, is gas monitoring and control being conducted in accordance with the approved Landfill Gas Management Plan?		330.463 330.371(e)	
	SECTION D: Miscellaneous/Other			
19	Are all results from gas monitoring and any remediation plans, and copies of any required reports and other submittals relating to landfill gas monitoring and control included in the operating record and/or submitted to the executive director as required?		330.125(b)(3)	
20	Did TCEQ spot checks of landfill gas concentrations agree with the operating record or with actual measurements made by the operator during the investigation?			
21	Is the facility operated in compliance with the Landfill Gas Management Plan?		330.121	
22	Does the owner and/or operator of a municipal solid waste landfill site comply with the Standard Air Permit general requirements?			
22A	Applicability and Exceptions?		330.985	
22B	Certification Requirements?		330.987	
22C	General Requirements?		330.989	
22D	Technical and Operational Requirements for all MSW Landfill Sites?		330.991	

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MSW LANDFILL GAS (Cont)

22E	Additional Requirements for Owners or Operators of Category 3 MSW Landfills?		330.993	
22F	Recordkeeping and Reporting Requirements for all MSW Landfill Sites?		330.995	