

## Texas Commission on Environmental Quality

### CHECKLIST WORKSHEET

#### MSW FOCUSED INVESTIGATION FOR LANDFILL GAS

Regulating Entity Name \_\_\_\_\_

Date: \_\_\_\_\_

Additional I D: \_\_\_\_\_

Investigator Name: \_\_\_\_\_

Item Number 1	<b>Description</b>	Was the documented concentration less than 1.25% by volume of methane gas (i.e., 25% of the LEL) in facility structures (excluding gas control or recovery system components)?		
	<b>Answer</b>	<b>Citations</b>	330.371(a)(1)	<b>Notes</b>
Item Number 2	<b>Description</b>	Was the documented concentration less than 5% by volume of methane gas (i.e., 100% of the LEL) at the facility boundary?		
	<b>Answer</b>	<b>Citations</b>	330.371(a)(2)	<b>Notes</b>
Item Number 3	<b>Description</b>	Have results exceeded limits for items 1 and 2?		
	<b>Answer</b>	<b>Citations</b>		<b>Notes</b>
Item Number 4	<b>Description</b>	Has immediate notification to the TCEQ been made for the exceedances?		
	<b>Answer</b>	<b>Citations</b>	330.371(c)(1)	<b>Notes</b>
Item Number 5	<b>Description</b>	Has methane gas level exceedances been entered into the operating record within 7 days?		
	<b>Answer</b>	<b>Citations</b>	330.371(c)(2)	<b>Notes</b>
Item Number 6	<b>Description</b>	Has a remediation plan for the methane gas releases been implemented within 60 days of detection?		
	<b>Answer</b>	<b>Citations</b>	330.371(c)(3)	<b>Notes</b>
Item Number 7	<b>Description</b>	Were all monitoring probes and on-site structures sampled by the facility for methane during the monitoring period as defined in the permit?		
	<b>Answer</b>	<b>Citations</b>	330.371(j)	<b>Notes</b>
Item Number 8	<b>Description</b>	Is monitoring conducted at least quarterly or more frequently as determined by the Executive Director?		
	<b>Answer</b>	<b>Citations</b>	330.371(k)(1)	<b>Notes</b>
Item Number 9	<b>Description</b>	Did the TCEQ spot checks of the landfill gas concentrations agree with site records? (Identify well number and noted concentration.)		
	<b>Answer</b>	<b>Citations</b>		<b>Notes</b>
Item Number 10	<b>Description</b>	Identify the distance from the well/probe to waste.		
	<b>Answer</b>	<b>Citations</b>		<b>Notes</b>
Item Number 11	<b>Description</b>	Identify distance from wells/permit boundary to nearest residence.		
	<b>Answer</b>	<b>Citations</b>		<b>Notes</b>
Item Number 12	<b>Description</b>	Was a permanent monitoring network installed with habitable structures within 3000 ft, when test results indicated a concentration of 0.5 % methane gas by volume (i.e., 10% of the LEL), or at all other landfills?		
	<b>Answer</b>	<b>Citations</b>	330.371(h)(2)	<b>Notes</b>
Item Number 13	<b>Description</b>	Identify the distance from the well/probe to the permitted boundary and any onsite structures.		
	<b>Answer</b>	<b>Citations</b>		<b>Notes</b>
Item Number 14	<b>Description</b>	Does monitoring occur at on-site structures, including, but not limited to, buildings, subsurface vaults, utilities, or any other areas where potential gas buildup would be of concern?		
	<b>Answer</b>	<b>Citations</b>	330.371(i)	<b>Notes</b>

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Item Number 15

Description Is a more in-depth investigation warranted? If YES, enter one of the following into the Comment area: a. [Applicable Type code] conducted during this investigation or b. In-depth investigation will be scheduled at a later date.

Answer Citations Notes