

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

MSW LANDFILL GAS

Regulating Entity Name

Date:

Additional I D:

Investigator Name:

| Item Number | Description | Answer | Citations | Notes |
|----------------|--|--------|---------------|-------|
| | SECTION A: Landfill Gas Management Plan | | | |
| Item Number 1 | Description Is a copy of the Landfill Gas Management Plan kept on-site or at an alternate location approved by the executive director? | Answer | 330.125(a) | Notes |
| Item Number 2 | Description Revision date of the current Landfill Gas Management Plan: | Answer | | Notes |
| Item Number 3 | Description Date of TCEQ approval of the current Landfill Gas Management Plan: | Answer | | Notes |
| Item Number | SECTION B: Methane Monitoring, Exceedences and Remediation | | | |
| Item Number 4 | Description Did the documented concentration of methane gas not exceed 1.25% by volume in facility structures (excluding gas control or recovery system components)? | Answer | 330.371(a)(1) | Notes |
| Item Number 5 | Description 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? | Answer | 330.371(a)(2) | Notes |
| Item Number 6 | Description Is a routine methane monitoring program implemented to ensure that the standards of subsection (a) of this section are met? | Answer | 330.371(b) | Notes |
| Item Number 7 | Description Is the frequency of monitoring conducted at least quarterly or as required by the executive director? | Answer | 330.371(k)(1) | Notes |
| Item Number 8 | Description If either Item No. 4 or No. 5 are non-COMPLIANT, answer Item Nos. 8.A. - 8.F., otherwise skip to Item No. 9: | Answer | | Notes |
| Item Number 8A | Description 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? | Answer | 330.371(c)(1) | Notes |
| Item Number 8B | Description 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? | Answer | 330.371(c)(2) | Notes |
| Item Number 8C | Description Has a remediation plan for the methane gas releases been implemented within 60 days of detection? | Answer | 330.371(c)(3) | Notes |
| Item Number 8D | Description Has a copy of the remediation plan been placed in the operating record within 60 days of detection? | Answer | 330.371(c)(3) | Notes |
| Item Number 8E | Description Has a copy of the remediation plan been provided to the executive director within 60 days of detection? | Answer | | Notes |

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| | Answer | Citations | 330.371(c)(3) | Notes |
| Item Number 8F | Description | Date of TCEQ approval of the remediation plan: | | |
| | Answer | Citations | | Notes |
| Item Number 8G | Description | Has the executive director been notified that the remediation plan has been implemented within 60 days of detection? | | |
| | Answer | Citations | 330.371(c)(3) | Notes |
| Item Number 8H | Description | Does the remediation plan describe the nature and extent of the problem and the proposed remedy? | | |
| | Answer | Citations | 330.371(c)(3) | Notes |
| Item Number 9 | Description | Has an alternate schedule for compliance with items in 7 and 8 above been established by the executive director? | | |
| | Answer | Citations | | Notes |
| Item Number 10 | Description | Have gas monitoring and control systems been revised as needed to maintain current and effective gas monitoring and control systems? | | |
| | Answer | Citations | 330.371(f) | Notes |
| Item Number | Description | SECTION C: LFG Management Plan and Monitoring | | |
| | Answer | Citations | | Notes |
| Item Number 11 | Description | Does the Landfill Gas Management Plan include a description of how landfill gases will be managed and controlled? | | |
| | Answer | Citations | 330.371(g)(1) | Notes |
| Item Number 12 | Description | Does the Landfill Gas Management Plan include a description of the proposed system(s), including installation procedures and timelines for installation, monitoring procedures, and procedures to be used during maintenance? | | |
| | Answer | Citations | 330.371(g)(2) | Notes |
| Item Number 13 | Description | Does the Landfill Gas Management Plan include a backup plan to be used if the main system breaks down or becomes ineffective? | | |
| | Answer | Citations | 330.371(g)(3) | Notes |
| Item Number 14 | Description | Is a perimeter monitoring network installed? | | |
| | Answer | Citations | 330.371(h) | Notes |
| Item Number 15 | Description | Indicate in the comments section the type of perimeter monitoring network installed. | | |
| | Answer | Citations | | Notes |
| Item Number 16 | Description | 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? | | |
| | Answer | Citations | 330.371(i) | Notes |
| Item Number 17 | Description | 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? | | |
| | Answer | Citations | 330.371(j) | Notes |
| Item Number 18 | Description | 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? | | |
| | Answer | Citations | 330.463 | Notes |
| Item Number | Description | SECTION D: Miscellaneous/Other | | |
| | Answer | Citations | | Notes |

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| Item Number 19 | | Description | 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? | |
| | | Answer | Citations 330.125(b)(3) | Notes |
| Item Number 20 | | Description | Did TCEQ spot checks of landfill gas concentrations agree with the operating record or with actual measurements made by the operator during the investigation? | |
| | | Answer | Citations | Notes |
| Item Number 21 | | Description | Is the facility operated in compliance with the Landfill Gas Management Plan? | |
| | | Answer | Citations 330.121 | Notes |
| Item Number 22 | | Description | Does the owner and/or operator of a municipal solid waste landfill site comply with the Standard Air Permit general requirements? | |
| | | Answer | Citations | Notes |
| Item Number 22A | | Description | Applicability and Exceptions? | |
| | | Answer | Citations 330.985 | Notes |
| Item Number 22B | | Description | Certification Requirements? | |
| | | Answer | Citations 330.987 | Notes |
| Item Number 22C | | Description | General Requirements? | |
| | | Answer | Citations 330.989 | Notes |
| Item Number 22D | | Description | Technical and Operational Requirements for all MSW Landfill Sites? | |
| | | Answer | Citations 330.991 | Notes |
| Item Number 22E | | Description | Additional Requirements for Owners or Operators of Category 3 MSW Landfills? | |
| | | Answer | Citations 330.993 | Notes |
| Item Number 22F | | Description | Recordkeeping and Reporting Requirements for all MSW Landfill Sites? | |
| | | Answer | Citations 330.995 | Notes |