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## Texas Commission on Environmental Quality

### CHECKLIST WORKSHEET

#### MSW FOCUSED INVESTIGATION FOR LANDFILL GAS

Reg Ent Name : \_\_\_\_\_

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

Add ID \_\_\_\_\_

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

| Item No | Description  | Answer | Citations                      | Notes |
|---------|--|--------|--------------------------------|-------|
| 1       | 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)?   |        | 330.371(a)(1)                  |       |
| 2       | Was the documented concentration less than 5% by volume of methane gas (i.e., 100% of the LEL) at the facility boundary?   |        | 330.371(a)(2)                  |       |
| 3       | Have results exceeded limits for items 1 and 2?  |        |                                |       |
| 4       | Has immediate notification to the TCEQ been made for the exceedances?  |        | 330.371(c)(1)                  |       |
| 5       | Has methane gas level exceedances been entered into the operating record within 7 days?  |        | 330.371(c)(2)                  |       |
| 6       | Has a remediation plan for the methane gas releases been implemented within 60 days of detection?  |        | 330.371(c)(3)                  |       |
| 7       | Were all monitoring probes and on-site structures sampled by the facility for methane during the monitoring period as defined in the permit?   |        | 330.371(j)                     |       |
| 8       | Is monitoring conducted at least quarterly or more frequently as determined by the Executive Director?   |        | 330.371(k)(2)<br>330.371(k)(1) |       |
| 9       | Did the TCEQ spot checks of the landfill gas concentrations agree with site records? (Identify well number and noted concentration.)   |        |                                |       |
| 10      | Identify the distance from the well/probe to waste.  |        |                                |       |
| 11      | Identify distance from wells/permit boundary to nearest residence.   |        |                                |       |
| 12      | 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?                   |        | 330.371(h)(1)<br>330.371(h)(2) |       |
| 13      | Identify the distance from the well/probe to the permitted boundary and any onsite structures.   |        |                                |       |
| 14      | 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?   |        | 330.371(i)                     |       |
| 15      | Is a more in-depth investigation warranted? If YES, enter one of the following into the Comment area:<br>a. [Applicable Type code] conducted during this investigation or b. In-depth investigation will be scheduled at a later date. |        |                                |       |