

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

MSW CME CHECKLIST C ASSESSMENT MONITORING

Reg Ent Name : _____

Date : _____

Add ID _____

Investigator Name _____

Item No.	Description	Answer	Citations	Notes
1	330.409 Assessment Monitoring of the Uppermost Aquifer at Type I Landfills. Assessment monitoring is required when the owner or operator determines that there has been a statistically significant increase above background concentrations of one or more of the constituents listed in 330.419 in water samples taken from the uppermost aquifer [see 330.407(b)]. When shown as the answer for a citable item, "Compliant" signifies that no violation of the rule was noted by the investigator.			
	SECTION A - SAMPLING AND ANALYSIS			
2	330.409(b) - Initial assessment actions, 2A through 2C.			
2A	Were samples taken and analyzed for the full set of constituents listed in Appendix II to 40 CFR, Part 258 (Appendix II), within 90 days of the determination of a statistically significant increase?		330.409(b)	
2B	If new constituents were detected in point of compliance wells as a result of the complete Appendix II analysis, were background levels for the new constituents established as required?		330.409(b)	
2C	Were any compliance wells or Appendix II constituents removed by the executive director from assessment monitoring requirements?			
3	If the executive director specified an alternative sampling and analysis frequency, was it met?		330.409(c)	
4	Were the results of the initial and subsequent assessment monitoring results submitted no later than 60 days after each assessment sampling event and placed in the operating record?		330.409(d)	
5	Were samples from all wells of the monitoring system taken and analyzed within 90 days of the submittal of the results from the initial assessment sampling event, and on at least a semiannual basis thereafter or as specified in an alternate schedule approved by the executive director?		330.409(d)(1)	
6	Were groundwater protection standards established in accordance with 330.409(h) and/or (i) for all constituents detected in point of compliance wells?		330.409(d)(3)	
	SECTION B - CONCENTRATIONS AT OR BELOW BACKGROUND			
7	Were concentrations of all Appendix II constituents shown to be at or below background values [using statistical procedures of 330.405(f)] for two consecutive sampling events? If "NO", skip to Section C.			

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7A	Did the owner or operator notify the executive director of assessment results along with a proposal to return to detection monitoring?		330.409(e)	
7B	If any proposal to return to detection monitoring was approved, did the owner or operator return to detection monitoring?		330.409(e)	
	SECTION C - CONCENTRATIONS ABOVE BACKGROUND			
8	Were groundwater protection standards exceeded? If "No", skip to Section D.			
8A	Did the owner or operator notify the executive director and local government officials in writing within seven days of the determination?		330.409(g)	
8B	Did the owner or operator characterize the nature and extent of the release (using hydrogeologic data from new monitor wells)?		330.409(g)(1)(A)	
8C	Did the owner or operator install and sample additional monitor wells between the well where the groundwater protection standard was exceeded and the adjacent monitor wells along the point of compliance?		330.409(g)(1)(B)	
8D	If contaminants were determined to have migrated off-site, did the owner or operator notify in writing all persons that own or occupy the land that directly overlies any part of the plume of contamination?		330.409(g)(1)(C)	
8E	Did the owner or operator begin an Assessment of Corrective Measures as required by 330.411? (Please note any violation on the Corrective Action Checklist.)			
8F	Did the owner or operator demonstrate that contamination was due to a source other than the landfill or that a sampling error or error in analysis or statistical evaluation or the natural variation in groundwater quality resulted in the statistically significant level?			
	SECTION D - ANNUAL ASSESSMENT MONITORING REPORTS			
9	Did the owner or operator submit annual assessment monitoring reports that included the information listed in 330.409(k)(1) through (6) within 60 days after the facility's second semiannual monitoring event(s)?		330.409(k)	

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