

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

MSW CME CHECKLIST C ASSESSMENT MONITORING

Regulating Entity Name

Date :

Additional I D:

Investigator Name:

Item Number 1	Description 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.			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations	Notes
Answer	Citations	Notes		
Item Number	Description SECTION A - SAMPLING AND ANALYSIS			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations	Notes
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Item Number 2	Description 330.409(b) - Initial assessment actions, 2A through 2C.			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations	Notes
Answer	Citations	Notes		
Item Number 2A	Description 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?			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations 330.409(b)</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations 330.409(b)	Notes
Answer	Citations 330.409(b)	Notes		
Item Number 2B	Description 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?			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations 330.409(b)</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations 330.409(b)	Notes
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Item Number 2C	Description Were any compliance wells or Appendix II constituents removed by the executive director from assessment monitoring requirements?			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations	Notes
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Item Number 3	Description If the executive director specified an alternative sampling and analysis frequency, was it met?			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations 330.409(c)</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations 330.409(c)	Notes
Answer	Citations 330.409(c)	Notes		
Item Number 4	Description 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?			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations 330.409(d)</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations 330.409(d)	Notes
Answer	Citations 330.409(d)	Notes		
Item Number 5	Description 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?			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations 330.409(d)(1)</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations 330.409(d)(1)	Notes
Answer	Citations 330.409(d)(1)	Notes		
Item Number 6	Description Were groundwater protection standards established in accordance with 330.409(h) and/or (i) for all constituents detected in point of compliance wells?			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations 330.409(d)(3)</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations 330.409(d)(3)	Notes
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Item Number	Description SECTION B - CONCENTRATIONS AT OR BELOW BACKGROUND			
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Answer</td> <td style="width: 33%;">Citations</td> <td style="width: 33%;">Notes</td> </tr> </table>	Answer	Citations	Notes
Answer	Citations	Notes		
Item Number 7	Description 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.			

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

MSW CME CHECKLIST C ASSESSMENT MONITORING (Cont)

		Answer	Citations	Notes
Item Number 7A	Description	Did the owner or operator notify the executive director of assessment results along with a proposal to return to detection monitoring?		
		Answer	Citations	Notes
			330.409(e)	
Item Number 7B	Description	If any proposal to return to detection monitoring was approved, did the owner or operator return to detection monitoring?		
		Answer	Citations	Notes
			330.409(e)	
Item Number	Description	SECTION C - CONCENTRATIONS ABOVE BACKGROUND		
		Answer	Citations	Notes
Item Number 8	Description	Were groundwater protection standards exceeded? If "No", skip to Section D.		
		Answer	Citations	Notes
Item Number 8A	Description	Did the owner or operator notify the executive director and local government officials in writing within seven days of the determination?		
		Answer	Citations	Notes
			330.409(g)	
Item Number 8B	Description	Did the owner or operator characterize the nature and extent of the release (using hydrogeologic data from new monitor wells)?		
		Answer	Citations	Notes
			330.409(g)(1)	
Item Number 8C	Description	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?		
		Answer	Citations	Notes
			330.409(g)(1)	
Item Number 8D	Description	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?		
		Answer	Citations	Notes
			330.409(g)(1)	
Item Number 8E	Description	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.)		
		Answer	Citations	Notes
Item Number 8F	Description	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?		
		Answer	Citations	Notes
Item Number	Description	SECTION D - ANNUAL ASSESSMENT MONITORING REPORTS		
		Answer	Citations	Notes
Item Number 9	Description	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)?		
		Answer	Citations	Notes
			330.409(k)	