

## Texas Commission on Environmental Quality

### CHECKLIST WORKSHEET

#### MSW CME CHECKLIST E GROUNDWATER MONITORING

**Regulating Entity Name**

**Date :**

**Additional I D:**

**Investigator Name:**

<b>Item Number 1</b>	<b>Description</b>	330.417 Groundwater Monitoring at Type IV Landfills, as defined in 330.5(a)(2), except as provided in 330.5(b). When shown as the answer for a citable item, "YES" signifies that no violation of the rule was noted by the investigator. Please remember to discuss any alleged violations with MSW Permits.		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 2</b>	<b>Description</b>	Is groundwater monitoring required? If "YES", answer A, B, C, and D below.		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 2A</b>	<b>Description</b>	Was the groundwater monitoring system installed in accordance with 330.403?		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 2B</b>	<b>Description</b>	Was groundwater sampling and analysis done in accordance with 330.405(a)-(d)?		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 2C</b>	<b>Description</b>	Were monitor wells or other sampling points sampled at least annually and the samples analyzed for the following constituents: chloride, iron, manganese, cadmium, zinc, total dissolved solids, specific conductance (field and laboratory measurements), pH (field and laboratory measurements), and non-purgeable organic compounds?		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 2D</b>	<b>Description</b>	Were detection monitoring reports (with determinations of whether contaminants were released to the uppermost aquifer from the landfill) submitted within 60 days of groundwater monitoring events?		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 3</b>	<b>Description</b>	If the facility appears to be contaminating the uppermost aquifer, additional assessment activities may be required. Has the executive director ordered additional assessment activities?		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 4</b>	<b>Description</b>	If the owner or operator of the facility finds that the facility has contaminated the uppermost aquifer, the executive director may order corrective actions. Has the executive director ordered corrective actions? (see MSW CME Checklist D - Corrective Action Checklist).		
		<b>Answer</b>	<b>Citations</b>	<b>Notes</b>