

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

IHW RCRA INTERIM STATUS FACILITY CME GROUNDWATER CHECKLIST

Regulating Entity Name

Date :

Additional I D:

Investigator Name:

Item Number	Description	Answer	Citations	Notes
	SECTION A: RECORD-KEEPING AND RESPONSE (Interim Status)			
Item Number 1	Description Interim Status Detection Monitoring: Does the facility have units or Waste Management Area(s) operating under Interim Status Detection Monitoring? (if No, Skip Section A.1.)	Answer	Citations	Notes
Item Number 1A	Description Has the facility submitted to the executive director by January 25 of each year:	Answer	Citations 335.117(a)(2)(Notes
Item Number 1AI	Description Concentrations and statistical analyses of the indicator parameters?	Answer	Citations	Notes
Item Number 1AII	Description Concentrations of ground-water quality parameters?	Answer	Citations	Notes
Item Number 1AIII	Description Results of evaluation of ground-water surface elevations?	Answer	Citations	Notes
Item Number 1B	Description Was the first year background sampling program adequately completed and reported?	Answer	Citations 265.92(b)	Notes
Item Number 1C	Description Are wells sampled and analyzed annually for ground water quality parameters?	Answer	Citations 265.92(d)(1)	Notes
Item Number 1D	Description Are wells sampled and analyzed semi-annually for contamination indicator parameters?	Answer	Citations 265.92(d)(2)	Notes
Item Number 1E	Description Are ground water surface elevations determined at each well for each sampling event?	Answer	Citations 265.92(e)	Notes
Item Number 1F	Description Does the facility have an adequate GW Quality Assessment Plan?	Answer	Citations 265.93(a)	Notes
Item Number 1G	Description Are 4 replicate measurements of indicator parameters made for each upgradient and downgradient well sample?	Answer	Citations 265.93(b)	Notes
Item Number 1H	Description Are statistical comparisons, using the Student's t-test at the 0.01 level of significance, performed?	Answer	Citations 265.93(b)	Notes
Item Number 1I	Description If there is more than one upgradient well? Are all the background data combined resulting in one background mean with variance for each contamination parameter, or is each upgradient well mean and variance compared separately with down-gradient well analyses?	Answer	Citations 265.92(c)(2)	Notes
Item Number 1J	Description If significant increases (or pH decreases) in contamination indicator parameters were found in the upgradient wells, did the company report the upgradient well change on the annual report?	Answer	Citations 265.93(c)(1)	Notes

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Item Number 1K	Description If significant increases (or pH decreases) in downgradient wells were detected, did the company:	Answer	Citations 265.93(c)(1)	Notes
Item Number 1K1	Description Resample the "affected" well(s), split the sample in two, and re-analyze for the parameter(s) that showed significant difference?	Answer	Citations 265.93(c)(2)	Notes
Item Number 1K2	Description If the significant difference was confirmed, then did facility notify the TCEQ Executive Director within 7 days of confirmation?	Answer	Citations 265.93(d)(2)	Notes
Item Number 1K3	Description Submit a certified Ground Water Quality Assessment Plan within 15 days of notifying the Executive Director?	Answer	Citations 265.93(d)(2)	Notes
Item Number 1L	Description If the results of a Ground-Water Quality Assessment indicate that no hazardous waste or constituents were detected in the ground water, did the facility resume ground water monitoring?	Answer	Citations 265.93(d)(6)	Notes
Item Number 1L1	Description If complaint, when was detection monitoring resumed?	Answer	Citations	Notes
Item Number 1M	Description Has the facility modified the t-test procedure to reduce the occurrence of "false positive" statistical indications?	Answer	Citations	Notes
Item Number 1M1	Description Describe changes:	Answer	Citations	Notes
Item Number 1M2	Description Date of TCEQ approval:	Answer	Citations	Notes
Item Number 1N	Description Has the facility substituted other parameters in place of pH, conductivity, TOC and/or TOX?	Answer	Citations	Notes
Item Number 1N1	Description List the parameters:	Answer	Citations	Notes
Item Number 1N2	Description Date of TCEQ approval:	Answer	Citations	Notes
Item Number 2	Description Interim Status Assessment Monitoring: Does the facility have units or Waste Management Area(s) operating under Interim Status Assessment Monitoring? (if No, Skip Section A.2)	Answer	Citations	Notes
Item Number 2A	Description Has the facility submitted to the executive director by January 25 of each year:	Answer	Citations 335.117(a)(2)(Notes
Item Number 2A1	Description Concentrations and statistical analyses of the indicator parameters?	Answer	Citations	Notes
Item Number 2A2	Description Concentrations of ground-water quality parameters?	Answer	Citations	Notes
Item Number 2A3	Description Results of evaluation of ground-water surface elevations?	Answer	Citations	Notes
Item Number 2A4	Description Results of ground-water quality assessment program?	Answer	Citations	Notes
Item Number 2B	Description Does the facility keep these records throughout the active life of the facility, and for disposal facilities, throughout the post-closure care period as well?	Answer	Citations	Notes

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		Answer	Citations	335.117(b)(1)	Notes
Item Number 2C	Description	Has the facility started to implement an approved Ground Water Quality Assessment Plan?			
		Answer	Citations	265.93(d)(4)(ii)	Notes
Item Number 2C1	Description	If yes, date plan was started?			
		Answer	Citations		Notes
Item Number 2D	Description	If the Ground Water Quality Assessment Plan is in progress, give projected completion date and describe actions to date:			
		Answer	Citations		Notes
Item Number 2E	Description	Is the facility on schedule?			
		Answer	Citations		Notes
Item Number 2F	Description	If the plan has been completed, did the facility submit a Ground Water Quality Assessment Report?			
		Answer	Citations	265.93(d)(5)	Notes
Item Number 2F1	Description	If yes, give date submitted:			
		Answer	Citations		Notes
Item Number 2G	Description	Do results indicate that hazardous waste or constituents have been detected?			
		Answer	Citations		Notes
Item Number 2G1	Description	If yes, has a Quarterly Assessment Monitoring Program been implemented?			
		Answer	Citations	265.93(d)(7)	Notes
Item Number 2G2	Description	If no, was detection monitoring reinstated?			
		Answer	Citations	265.93(d)(6)	Notes
Item Number	Description	+++NOTE: IF ANSWER TO QUESTION 2G2. IS NO, SKIP THE REMAINING QUESTIONS+++			
		Answer	Citations		Notes
Item Number 2H	Description	List the hazardous waste constituents detected and concentrations: (or Attachment #).			
		Answer	Citations		Notes
Item Number 2I	Description	Has the facility's Sampling and Analysis Plan been revised to include these parameters?			
		Answer	Citations		Notes
Item Number 2J	Description	Quarterly, since completion of the assessment, has the facility continued to:			
		Answer	Citations		Notes
Item Number 2J1	Description	Sample and analyze for hazardous waste or constituents?			
		Answer	Citations	265.93(d)(7)	Notes
Item Number 2J2	Description	Determine rate and extent of migration of hazardous waste or Citable / Compliant constituents?			
		Answer	Citations	265.93(d)(4)(i)	Notes
Item Number 2K	Description	Annually, has the facility reported the results of the assessment program (with annual waste report), to include the calculated (or measured) rate of migration of hazardous waste or constituents in ground water during the reporting period?			
		Answer	Citations	335.116(b)	Notes
Item Number 2L	Description	If t-test failures have occurred during the post-closure care period, has facility complied with:			
		Answer	Citations	265.93(c)(1)	Notes
Item Number 2L1	Description	Retesting to confirm t-test failures?			
		Answer	Citations		Notes

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Item Number 2L2	Description Notifying TCEQ within 7 days of confirmation?	Answer	Citations	Notes
Item Number 2L3	Description Submittal of approved ground-water quality assessment plan?	Answer	Citations	Notes
Item Number 2L4	Description Implementation / Completion of approved plan?	Answer	Citations	Notes