

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

IHW UIC COMPLIANCE

Regulating Entity Name

Date :

Additional I D:

Investigator Name:

Item Number	Description	Answer	Citations	Notes
	Section A -- PRE-INJECTION FACILITIES			
Item Number 1	Description	Are facilities injecting solid wastes including hazardous and/or nonhazardous wastes?		
	Answer			
Item Number 2	Description	Are the facilities injecting only waste as described in the UIC permit?		
	Answer			
Item Number 3	Description	Are pre-injection facilities (tank units and surface impoundments) covered under the applicable UIC or RCRA Permit?		
	Answer			
Item Number 4	Description	If no, are pre-injection facilities (tank units and surface impoundments) covered under the solid waste registration and exempted from RCRA permitting requirements?		
	Answer		335.6(c)	
Item Number 5	Description	Describe pre-injection facilities:		
	Answer			
Item Number 6	Description	Is any evidence present of fires and explosions or other releases to the environment from solid waste units or other on-site sources?		
	Answer		335.4(1)	
Item Number	Description	Note: If yes, refer to Generator Checklist for reviewing followup actions.		
	Answer			
Item Number	Description	Section B-- UIC FACILITIES		
	Answer			
Item Number 1	Description	Is a legible sign with company name, company well number and Commission permit number posted at the well site?		
	Answer		331.66(b)(1)	
Item Number 2	Description	Is an all weather road to the well installed and maintained?		
	Answer		331.66(b)(2)	
Item Number 3	Description	Is wellhead painted (if appropriate), and maintained in good working order without leaks?		
	Answer		331.66(b)(3)	
Item Number 4	Description	Make the following observations during the investigation for onsite gauges and recorders, then provide comments for noncompliance: (List gauge reading, recorder reading, and permit limit, or the last analytical data, in the comments section of each question)		
	Answer			
Item Number A	Description	Are gauges and recorders compliant with current permit limits for surface injection pressure? (psig)		
	Answer			
Item Number B	Description	Are gauges and recorders compliant with current permit limits for annulus pressure? (psig)		
	Answer			
Item Number C	Description	Is the calculated differential pressure compliant with current permit limits? (psi)		
	Answer			

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Item Number D	Description Is the flow rate of the injectate stream compliant with current permit limits? (gpm)	Answer	Citations	Notes
Item Number E	Description Is the fluid temperature of the injectate compliant with current permit limits?	Answer	Citations	Notes
Item Number F	Description Is the pH of the injectate compliant with current permit limits? (Standard Units)	Answer	Citations	Notes
Item Number G	Description Is the fluid density of the injectate compliant with current permit limits? (grams/cubic cm)	Answer	Citations	Notes
Item Number	Description Operating, monitoring and testing requirements	Answer	Citations	Notes
Item Number 5	Description Are injection fluids sampled and analyzed sufficiently to yield representative data about characteristics?	Answer	Citations 331.64(b)(1)(B	Notes
Item Number 6	Description Are continuous recording devices used to monitor and record injection tubing pressures, injection flow rates, injection volumes, tubing-long string casing annulus pressure and volume, and any other data (differential pressure, pH, specific gravity, or other) specified by the permit?	Answer	Citations 331.64(d)	Notes
Item Number 7	Description Is annulus pressure maintained at least 100 psi greater than the injection tubing pressure to prevent leaks from the well into unauthorized zones and to detect well malfunctions?	Answer	Citations 331.63(e)	Notes
Item Number 8	Description Are annulus fluid volume changes regularly observed by the facility operator and records maintained?	Answer	Citations 331.64(d)	Notes
Item Number 9	Description Are pressure gauges installed and maintained in proper working order at all times?	Answer	Citations 331.64(c)	Notes
Item Number 10	Description Are recorders installed and maintained in proper working order?	Answer	Citations 331.64(d)	Notes
Item Number 11	Description Are recorders and other required instruments housed in weatherproof enclosures?	Answer	Citations 331.64(d)	Notes
Item Number 12	Description Are automatic alarms and shutoff devices installed and operational?	Answer	Citations 146.67(f)(1)	Notes
Item Number 13	Description If no, has owner/operator certified that a trained operator will be on location and able to respond to alarms when an operating parameter is exceeded?	Answer	Citations 331.64(d)(2)	Notes
Item Number 14	Description Has an automatic alarm or shutoff system triggered since the last state investigation?	Answer	Citations	Notes
Item Number A	Description If question 14 is YES, investigate the corrective actions taken by the facility and comment:	Answer	Citations	Notes
Item Number 15	Description Are corrosion monitoring tests, if required by permit, performed and recorded?	Answer	Citations 146.68(c)(2)	Notes

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Item Number 16	Description Are all gauges, pressure sensing and recording devices tested and calibrated quarterly?			
	Answer	Citations	331.63(g)	Notes
Item Number	Description Section C -- RECORDS REVIEW			
	Answer	Citations		Notes
Item Number 1	Description Are monthly and quarterly injection data submitted using the Commission self-reporting form as required by permit and rules? 331.65(c)(1) - Noncommercial facilities. or 331.65(c)(2) / 146.69(a)(b) - Commercial facilities			
	Answer	Citations	331.65(c)(2)	Notes
Item Number 2	Description Are complete and accurate records maintained as required by permit and rules?			
	Answer	Citations	331.67(a)	Notes
Item Number 3	Description Are records available for review by Commission representatives?			
	Answer	Citations	331.67(b)	Notes
Item Number 4	Description Are all records retained throughout the active life of the well and three years following the abandonment?			
	Answer	Citations	331.67(c)	Notes
Item Number 5	Description Has an injection zone annual report been submitted with December self reported data?			
	Answer	Citations	331.65(c)(3)(B)	Notes
Item Number A	Description Did the facility receive an approval letter from the Commission?			
	Answer	Citations		Notes
Item Number 6	Description Did permittee notify Commission and get approval before beginning any well work-overs that require taking well out of service?			
	Answer	Citations	331.63(i)	Notes
Item Number 7	Description Has annual mechanical integrity been demonstrated by annulus pressure test and radio active tracer survey?			
	Answer	Citations	331.64(e)(1)	Notes
Item Number 8	Description Has an annual pressure falloff test been performed?			
	Answer	Citations	146.68(e)(1)	Notes
Item Number A	Description Did the facility receive an approval letter from the Commission? If yes, please include date of the letter.			
	Answer	Citations		Notes
Item Number 9	Description Does permittee currently have sufficient financial assurance to meet permit requirements?			
	Answer	Citations	331.142(b)	Notes
Item Number 10	Description Note: Check the amount of financial security required by permit and note the assurance amount as adjusted for the current year:			
	Answer	Citations		Notes
Item Number	Description Section D -- ABANDONED WELLS			
	Answer	Citations		Notes
Item Number 1	Description Is a permanent marker with permit number, date abandoned, and company name placed at the abandoned well? [331.46(l)]			
	Answer	Citations	331.46(l)	Notes
Item Number 2	Description Are all required monitoring parameters concerning post closure care for abandoned wells performed and reported? [331.46, 331.68 / 146.72 (b)(c)]			
	Answer	Citations	331.68	Notes
Item Number	Description Section E -- SELF REPORTED DATA-RECORDS REVIEW			
	Answer	Citations		Notes

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Item Number	Description	Review of Self Reported Data for (month, year). (List month and year, reported value, observed value, and permit limit, in the comments section of each question)	Answer	Citations	Notes
Item Number 1	Description	Maximum Surface Injection Pressure (psig)	Answer	Citations 331.65(c)	Notes
Item Number 2	Description	Minimum Annulus Pressure (psig)	Answer	Citations 331.65(c)	Notes
Item Number 3	Description	Minimum Differential Pressure (psig)	Answer	Citations 331.63(e)	Notes
Item Number 4	Description	Maximum Injection Rate (gpm)	Answer	Citations 331.63(f)	Notes
Item Number 5	Description	Monthly Average Injection Rate (gpm)	Answer	Citations 331.63(f)	Notes
Item Number 6	Description	Total Injection Volume (mgals/month)	Answer	Citations 331.67(a)(1)(D)	Notes
Item Number 7	Description	Minimum pH (standard units)	Answer	Citations 146.69(a)	Notes
Item Number 8	Description	Maximum Fluid Density (g/cc)	Answer	Citations 331.63(h)	Notes
Item Number 9	Description	Injection Fluid Temperature (degree F)	Answer	Citations 331.66(c)(1)	Notes
Item Number 10	Description	Other Permit Parameters	Answer	Citations 331.63(h)	Notes
Item Number	Description	Pen Colors and Conversion Factors (optional)	Answer	Citations	Notes
Item Number 1	Description	List pen colors for strip charts / recorder wheels.	Answer	Citations	Notes
Item Number 2	Description	List conversion factors for strip charts / recorder wheels.	Answer	Citations	Notes