Nevada Division of Environmental Protection

Underground Injection Control Program - Sampling and Monitoring Report Form

Facility Name :	**Depth of sampled water's origin :**
Facility Owner:	**County:**
NDEP UIC Permit # :	**Location sample taken :**
Well ID # :	**Sampler :**
Type of Well : Monitor Production Injection	**Date Sampled :**
UIC Sample List 2- Inorganic Extended	**Name of Laboratory :**

Parameter	Units	DW Standards	Results	Method
total dissolved solids	mg/L	500 - 1000		Approved analytical methods can be found at the Bureau of Safe Drinking Water webpage: http://ndep.nv.gov/bsdw/oversight.htm or http://ndep.nv.gov/bsdw/docs/approved-analytica_methods.pdf
pH	standard units	6.5 - 8.5		
chloride	mg/L	250 - 400		
fluoride	mg/L	4		
sulfate	mg/L	250 - 500		
nitrate (as nitrogen)	mg/L	10		
nitrite (as nitrogen)	mg/L	1		
aluminum	mg/L	0.05-0.2		
antimony	mg/L	0.006		
arsenic	mg/L	0.01		
barium	mg/L	2		
beryllium	mg/L	0.004		
cadmium	mg/L	0.005		
chromium	mg/L	0.1		
copper	mg/L	1.0-1.3		
lead	mg/L	0.015		
iron	mg/L	0.3 - 0.6		
magnesium	mg/L	125 - 150		
manganese	mg/L	0.1		
mercury	mg/L	0.002		
nickel	mg/L	0.1		
selenium	mg/L	0.05		
silver	mg/L	0.05		
thallium	mg/L	0.002		
zinc	mg/L	5		
total uranium	ug/L	30		
adjusted gross alpha*	pci/L	15		
gross beta	mrem	4		
alkalinity (CaCO3)	mg/L	-		
bicarbonate	mg/L	-		
boron	mg/L	-		
calcium	mg/L	-		
carbonate	mg/L	-		
Elect. Conductivity	umhos/cm	at 25 degC		
lithium	mg/L	-		
molybdenum	mg/L	-		
phosphorus, total	mg/L	-		
potassium	mg/L	-		
silica	mg/L	-		
sodium	mg/L	-		
total suspended solids	mg/L	-		
turbidity	NTU	-		

Comments:

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Note: A completed UIC U230 Form is required for all UIC-related samples (produced, injected & monitoring point waters)

Detection limits must be at least as low as primary or secondary drinking water standards where applicable.

Nevada Certified Laboratory must be used for all UIC samples, lab must be certified the method being used.

Metals shall be sampled and analyzed as total metals. Please indicate detection limit instead of stating "Non-Detect" or "ND".

When TDS is high, 200.8 can't be used. See EPA's Approved

Methods for Inorganic Chemicals and Other Contaminants at http://www.epa.gov/safewater/methods/inch_tbl.html.

*Adjusted gross alpha particle activity doesn't include radon and uranium activity.