**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.