

**Nevada Division of Environmental Protection  
Underground Injection Control Program - Sampling and Baseline Report Form**

| <b>Facility Name :</b>  |                |              | <b>Depth of sampled water's origin :</b> |  |
|---|----------------|--------------|--|--|
| <b>Facility Owner:</b>  |                |              | <b>County:</b>                           |  |
| <b>NDEP UIC Permit # :</b>  |                |              | <b>Location sample taken:</b>            |  |
| <b>Well ID # :</b>  |                |              | <b>Sampler :</b>                         |  |
| <b>Type of Well :</b> Monitor    Production    Injection          |                |              | <b>Date Sampled :</b>                    |  |
| <b><u>UIC Sample List 1 Inorganic</u></b>                         |                |              | <b>Name of Laboratory :</b>              |  |
|   |                |              |  |  |
| Parameter   | Units          | DW Standards | Initial Measured Values                  | EPA Method   |
| total dissolved solids  | mg/L           | 500 - 1000   |  | Approved analytical methods can be found at the Bureau of Safe Drinking Water webpage:<br><a href="http://ndep.nv.gov/bsdw/oversight.htm">http://ndep.nv.gov/bsdw/oversight.htm</a> or <a href="http://ndep.nv.gov/bsdw/docs/approved-analytical_methods.pdf">http://ndep.nv.gov/bsdw/docs/approved-analytical_methods.pdf</a> |
| total suspended solids  | mg/L           | -            |  |  |
| 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           | 0.010*       |  |  |
| 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      |  |  |
| cyanide (free cyanide)  | mg/L           | 0.2          |  |  |
| 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           | 5.0          |  |  |
| total uranium   | pci/L          | 30           |  |  |
| adjusted gross alpha**  | pci/L          | 15           |  |  |
| gross beta  | mrem           | 4            |  |  |
| <b>Comments: complete all but those constituents crossed out.</b> |                |              |  |  |
|   |                |              |  | Rev 7/13   |

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

Note: 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 samples shall not be field filtered and analyzed as total metals. Please indicate detection limit instead of "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](http://www.epa.gov/safewater/methods/inch_tbl.html).

\* Note: Effective on January 23, 2006, the Drinking Water Standard for arsenic is 0.010 mg/L.

\*\* Adjusted gross alpha particle activity (including all alpha activity except from radon and uranium).