

# NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description														
7586.00	Gilmore	NWRPO	QARC	NWRPO	Inyo	Groundwater chemistry analysis results from samples collected at Inyo County wells on 2/14/08														
Doc. Date	12/31/2008	General Doc. Type	QA Program Doc	Keyword2																
Entry Date	1/14/2009	Detailed Doc. Type	Data Packet	Keyword3																
Data Originator	Kathy Gilmore																			
Preparer																				
Title of Data	Groundwater chemistry analysis results from samples collected at Inyo County wells on 2/14/08																			
Description of Data	Major ions, metals, gross alpha and beta, tritium, stable isotope ratio analysis (SIRA) of oxygen and hydrogen in water, SIRA of nitrogen in nitrate and radiocarbon results for groundwater samples collected in Inyo County wells labeled Texas Campground and Nevares on 2/14/08. Major ions and metals were analyzed by ACZ, gross alpha, gross beta, and tritium were analyzed by RSE, stable isotopes were analyzed by CSL, and radiocarbon dating was performed by Beta Analytic. Data package includes lab reports, QC reports and calculations, and processed data.																			
Well names or sample types and corresponding sample numbers are as follows:																				
<table><tr><th>Sample Number</th><th>Well Name</th></tr><tr><td>GWS0139</td><td>Texas Campground</td></tr><tr><td>GWS0140</td><td>Nevares</td></tr><tr><td>GWS0141</td><td>Nevares blind field duplicate</td></tr><tr><td>GWS0142</td><td>Field Blank (collected at Nevares)</td></tr><tr><td>GWS0143</td><td>Equipment Rinsate (collected at Nevares)</td></tr><tr><td>GWS0199</td><td>Texas Campground bailer rinsate</td></tr></table>							Sample Number	Well Name	GWS0139	Texas Campground	GWS0140	Nevares	GWS0141	Nevares blind field duplicate	GWS0142	Field Blank (collected at Nevares)	GWS0143	Equipment Rinsate (collected at Nevares)	GWS0199	Texas Campground bailer rinsate
Sample Number	Well Name																			
GWS0139	Texas Campground																			
GWS0140	Nevares																			
GWS0141	Nevares blind field duplicate																			
GWS0142	Field Blank (collected at Nevares)																			
GWS0143	Equipment Rinsate (collected at Nevares)																			
GWS0199	Texas Campground bailer rinsate																			
Data Collection Method	Groundwater was airlifted prior to sampling. Samples collected from Nevares were collected by airlifting groundwater to the surface. Texas Campground samples were collected using a stainless steel bailer. The wells were purged and samples collected, processed, bottled, and shipped to the testing laboratory following standard methods documented in Nye County QA technical procedure TP-8.1 revision 2.																			
Data Location(s)	Texas Campground and Nevares wells located in Inyo County, CA.																			
Data Collection Period(s)	2/14/2008																			
Data Source(s)	ACZ Laboratories, Steamboat Springs, CO; Radiation Safety Engineering Inc., Chandler, AZ., Beta Analytic Inc., Miami, FL., Coastal Science Laboratories Inc., Austin, TX.																			
Supporting Data: Refer to Scientific Notebook # 145 pgs. 129-135 for field notes.																				
Data Censoring	None																			
Data Processing	Original data are processed into Excel spreadsheets.																			
Data Limitations	Field blank, sampling equipment rinsate, and bailer rinsate samples were collected to asses any error due to cross-contamination and should generally result in results less than the laboratory Reporting Limit (RL). The following analytes were not less than the laboratory RL (reported as the Method Detection Limit (MDL)):																			

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- Field blank sample (GWS0142): aluminum, barium, boron, calcium, iron, lead, selenium, silica, sodium, strontium, bicarbonate as CaCO3, chloride, conductivity, phosphorous, TDS and alkalinity.

-Equipment rinsate sample (GWS0143): aluminum, calcium, selenium, silica, sodium, bicarbonate as CaCO3, conductivity, phosphorous, TDS and alkalinity.

- Bailer rinsate sample (GWS0199): boron, sodium, conductivity, and phosphorous.

It is likely that cross-contamination occurred during sampling due to the number of analytes in the blank and rinsate sample above the RL.

Field pH and temperature measurements did not stabilize before sampling at the Texas Campground well.

These limitations should be considered when reviewing this dataset.

Governing QA Docs.	TP-8.1 Rev. 2
Frequency of Transmittal	As required by PI
Direct Questions About Data To-	NWRPO QA Records Center