

NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
6822	Gilmore	Nye County NWRPO	QARC	Nye	1DX,	Major ions and metals results from ACZ Laboratories, Inc. for groundwater samples collected at YMP wells 4/25/05 - 4/27/05 and EWDP wells 9/19/05 - 9/29/05.
Doc. Date	1/11/2006	General Doc. Type	Report	Keyword2	geochemistry	
Entry Date	1/26/2006	Detailed Doc. Type	Lab Data	Keyword3	Alpha, Beta,	

Data Originator Preparer Tony Antalek / Kathy Gilmore

Title of Data Major ions and metals results from ACZ Laboratories, Inc. for groundwater samples collected at YMP wells USW WT-1, UE 25 WT#17, and UE 25 WT #3 (4/25/05 - 4/27/05) and EWDP wells NC-EWDP-27P, -16P, -28P, -24P, -29P, -12PA, -12PB, and -1DX deep (9/19/05 - 9/29/05).

Description of Data Major ions and metals results from groundwater samples obtained 4/25/05 - 4/27/05 and 9/19/05 - 9/29/05 during sampling events. Data package includes raw data (hard copy and electronic files; posted on nyecounty.com website as "RID6822.xls") and QC reports from ACZ.

Wells sampled and corresponding sample numbers are as follows:

UE 25 WT#3: GWS0100	NC-EWDP-16P: GWS0105	NC-EWDP-12PB: GWS0111
UE 25 WT#17: GWS0101	NC-EWDP-28P: GWS0106	NC-EWDP-1DX deep: GWS0112
USW WT-1: GWS0102	NC-EWDP-24P: GWS0107	NC-EWDP-28P duplicate: GWS0113
USW WT-1 duplicate : GWS0103	NC-EWDP-29P: GWS0108	NC-EWDP-12PA duplicate: GWS0114
NC-EWDP-27P: GSW0104	NC-EWDP-12PA: GWS0110	NC-EWDP-field blank: GWS0115

Data Collection Method Groundwater was pumped to the ground surface with a Bennett pump (piston pump operated with nitrogen) at EWDP wells and was bailed at YMP wells. 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) NC-EWDP-27P, -16P, -28P, -24P, -29P, -12PA, -12PB, and -1DX deep and YMP wells USW WT-1, UE 25 WT#17, and UE 25 WT#3

Data Collection Period(s) 4/25/05 to 4/27/05 and 9/19/05 to 9/29/05

Data Source(s) ACZ Laboratories, Inc., Steamboat Springs, CO.
Supporting Data: Refer to RID 6735 for field chemistry parameters and scientific notebook # 145 for field notes.

Data Censoring None

Data Processing N/A

Data Limitations In bailed wells, three well volumes were not purged prior to sampling.

Relative percent difference (RPD) between the blind field duplicate samples (field QA sample) and the original samples are less than 30% (an acceptable value) for analytes, with two exceptions as follows: NC-EWDP-28P (GWS0113 and GWS0106) aluminum [RPD=53%] and Iron [RPD=41%].

Governing QA Docs. TP-8.1 Rev. 2

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**Frequency
of
Transmittal** As required by PI

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**Direct Questions
About Data
To-** Nye County QA Records Center