

NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
7197.01	Gilmore	NWRPO	QARC	Nye	EWDP,	Groundwater Chemistry Results including Major Ions and Metals from ACZ Labs, Gross Alpha, Gross Beta and Tritium from RSE, Stable Isotopes from CSL, and Radiocarbon Dating from Beta Analytic
Doc. Date	3/25/2009	General Doc. Type	QA Program Doc	Keyword2	water	
Entry Date	4/14/2009	Detailed Doc. Type	Lab Data	Keyword3	chemistry	

Data Originator Preparer	Kathy Gilmore
Title of Data	Groundwater Chemistry Results including Major Ions and Metals from ACZ Labs, Gross Alpha, Gross Beta and Tritium from RSE, Stable Isotopes from CSL, and Radiocarbon Dating from Beta Analytic

Description of Data	This file was revised to correct the well names for sample numbers GWS0124 and GWS0125 as presented in the CSL analyses. The correct wells sampled and corresponding sample numbers are listed below.		
	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 at EWDP wells NC-EWDP-19IM1 zone 1, -19IM1 zone 5, -1S zone 1, -1S zone 2, -9SX zone 1, -9SX zone 2, -9SX zone 3, -9SX zone 4 and -13P from 9/18/06 - 9/28/06. SIRA of O&H in water and SIRA of N in NO3 results for groundwater samples collected at YMP wells USW WT-1, UE 25 WT#17, and UE 25 WT #3 from 4/25/05 - 4/27/05 and EWDP wells NC-EWDP-27P, -16P, -28P, -24P, -29P, -12PA, -12PB, and -1DX deep from 9/19/05 - 9/27/05. Data package includes lab reports, QC reports and calculations, and processed data.		
	Wells sampled and corresponding sample numbers are as follows:		
	Sample #	Description	Sample #
	GWS0100	UE-25 WT#3	GWS0115
	GWS0101	UE-25 WT#17	GWS0116
	GWS0102	USW WT#1	GWS0117
	GWS0103	USW WT#1 blind field duplicate	GWS0119
	GWS0104	NC-EWDP-27P	GWS0121
	GWS0105	NC-EWDP-16P	GWS0122
	GWS0106	NC-EWDP-28P	GWS0123
	GWS0107	NC-EWDP-24P	GWS0124
	GWS0108	NC-EWDP-29P	GWS0125
	GWS0110	NC-EWDP-12PA	GWS0126
	GWS0111	NC-EWDP-12PB	GWS0128
	GWS0112	NC-EWDP-1DX Deep	GWS0130
	GWS0113	NC-EWDP-28P blind field duplicate	GWS0175
	GWS0114	NC-EWDP-12PA blind field duplicate	
			Description
			field blank (taken at 28P)
			NC-EWDP-19IM1 zone 1
			NC-EWDP-19IM1 zone 5
			NC-EWDP-1S zone 1
			NC-EWDP-1S zone 2
			NC-EWDP-9SX zone 1
			NC-EWDP-9SX zone 2
			NC-EWDP-1S zone 2 blind field duplicate
			NC-EWDP-9SX zone 3
			NC-EWDP-9SX zone 4
			NC-EWDP-13P
			field blank
			field blank

Data Collection Method	Groundwater was pumped to the ground surface with a Bennett pump (piston pump operated with compressed air) and with a submersible pump 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.
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Data Location(s)	NC-EWDP-27P, -16P, -28P, -24P, -29P, -12PA, -12PB, -1DX deep, -19IM1 zone 1, -19IM1 zone 5, -1S zone 1, -1S zone 2, -9SX zone 1, -9SX zone 2, -9SX zone 3, -9SX zone 4, -13P, and YMP wells UE-25 WT#3, UE-25 WT#17, and USW WT#1.
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		NWRPO	QARC			Groundwater Chemistry Results including Major Ions and Metals from ACZ Labs, Gross Alpha, Gross Beta and Tritium from RSE, Stable Isotopes from CSL, and Radiocarbon Dating from Beta Analytic
Data Collection Period(s)	4/25/05 to 4/27/05; 9/19/05 to 9/29/05; 9/18/06 to 9/28/06					
Data Source(s)	ACZ Laboratories, Inc., Steamboat Springs, CO; Radiation Safety Engineering, Inc., Chandler, AZ; Beta Analytic, Inc., Miami, FL; Coastal Science Laboratories, Inc., Austin, TX.					
	Supporting Data: Refer to RID 6735 and RID 7046 for field chemistry parameters, and Scientific Notebook # 145 for field notes.					
Data Censoring	None					
Data Processing	Original data are processed into Excel spreadsheets.					
Data Limitations	In bailed wells, three well volumes were not purged prior to sampling.					
	The Relative Percent Difference (RPD) between the major ions and metals analyzed for the NC-EWDP-1S Zone 2 blind field duplicate (field QA sample) and original sample were less that 30% which is an acceptable value for analytes per TP-8.1 Rev. 2.					
Governing QA Docs.	TP-8.1 Rev. 2					
Frequency of Transmittal	As required by PI					
Direct Questions About Data To-	NWRPO QA Records Center					