

NYE County NWRPO -Technical Data Report

1	RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
	6579	Gilmore	Nye County NWRPO	QARC	Nye	4PA	Major Ion and Metals analyses from Desert Research Institute (DRI) for NC-EWDP-4PA groundwater samples collected on 11/10/04 and 12/6/04 (PO# 14282)
	Doc. Date	4/5/2005	General Doc. Type	QA Program Doc	Keyword2	DRI	
	Entry Date	4/6/2005	Detailed Doc. Type	Data	Keyword3	Analyses	
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	Data Originator Preparer	M. Miller / K. Gilmore					
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	Title of Data	Major Ion and Metals analyses from Desert Research Institute (DRI) for NC-EWDP-4PA groundwater samples collected on 11/10/04 and 12/6/04 (PO# 14282)					
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	Description of Data	Groundwater geochemistry data from groundwater samples obtained 11/10/04 and 12/6/04 during EWDP sampling events. Filename: "DRI-4PA-QA.xls." Major Ion and Metals analyses conducted by Desert Research Institute (DRI) are included for samples collected at NC-EWDP-4PA. Samples were collected on 11/10/04 using a Bennett sample pump and on 12/6/04 using the AEA deep well sampler. Data package includes QA analyses reports.					
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	Data Collection Method	Groundwater was pumped to the ground surface with a Bennett pump (piston pump operated with compressed air) from NC-EWDP-4PA on 11/10/04 and with the AEA deep well sampler (uses air pressure to drive water sample up tubing with a foam "pig" separating the air from the sample) on 12/6/04. More than the standard 3 well volumes were purged from the well before sampling (approx. 600 gal. with the Bennett pump and 1500 gal. with the AEA sampler). The well was 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 and test plan TPN 11.1 revision 0.					
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	Data Location(s)	NC-EWDP-4PA					
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	Data Collection Period(s)	11/10/04; 12/6/04					
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	Data Source(s)	Desert Research Institute, Division of Hydrogeologic Sciences, Reno, NV. Refer to RID 6505 for field chemistry parameters, Scientific Notebook # 145 for field notes, and RID 6563 for description and operating instructions for AEA deep well sampler.					
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	Data Censoring	None					
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	Data Processing	Analyses were performed by DRI and transmitted to NWRPO in Excel spreadsheets. Data was evaluated by NWRPO personnel for quality assurance according to technical procedure TP 8.1 Rev 2.					
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	Data Limitations	With one exception, analytical results for all chemical parameters of concern in all laboratory QC samples (method blanks, laboratory control spikes, laboratory control spike duplicates, matrix spikes, and matrix spike duplicates) met standard QC specifications. The exception is as follows for matrix spike QC analyses where the recovery limits were not met: - NC-EWDP-4PA (GWS0078) Cerium [%recovery >125]					
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	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					