

NYE County NWRPO -Technical Data Report

1	RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
	6577	Gilmore	Nye County NWRPO	QARC	Nye	4PA	Gross Alpha and Beta Results from Radiation Safety Engineering (RSE) for NC-EWDP-4PA Groundwater Samples Collected 11/10/04 and 12/6/04 (PO# 14283)
	Doc. Date	4/5/2005	General Doc. Type	QA Program Doc	Keyword2	RSE	
	Entry Date	4/6/2005	Detailed Doc. Type	Data	Keyword3	Analyses	
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	Data Originator Preparer	R. Metzger / K. Gilmore					
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	Title of Data	Gross Alpha and Beta Results from Radiation Safety Engineering (RSE) for NC-EWDP-4PA Groundwater Samples Collected 11/10/04 and 12/6/04 (PO# 14283)					
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	Description of Data	Groundwater geochemistry data from groundwater obtained 11/10/04 and 12/6/04 during EWDP sampling events. Filename: "RSE_4PA_QA.xls". Gross Alpha and Beta results 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.					
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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. The well was pumped for several hours before sampling with both the Bennett pump and AEA sampler. 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.					
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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)	Radiation Safety Engineering, Inc., Chandler, AZ. Refer to RID 6505 for field chemistry parameters, Scientific Notebook # 145 for field notes, and RID 6563 for description and operating instructions for the AEA deep well sampler.					
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	Data Censoring	None					
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	Data Processing	Gross Alpha activity was analyzed using Method 600/00-02 and Gross Beta was analyzed using Method 900. Data from signed original data sheets were processed into an Excel spreadsheet.					
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		GWS0078 and GWS0079 are field duplicates that seem to have comparable results. Samples taken with the Bennett pump and the AEA sampler also seem to have comparable values.					
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	Data Limitations	None					
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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					