

NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
6312	Gilmore	Nye	QARC	Nye	3S, 4PB,	Gross Alpha and Beta results by Radiation Safety Engineering (RSE) for EWDP groundwater samples collected from 8/03 - 11/03 and 5/10/04 - 5/13/04
Doc. Date	8/4/2004	General Doc. Type	Report	Keyword2	groundwater	
Entry Date	8/12/2004	Detailed Doc. Type	Data	Keyword3	geochemistry	
Data Originator Preparer	Robert Metzger					
Title of Data	Gross Alpha and Beta results by Radiation Safety Engineering (RSE) for EWDP groundwater samples collected from 8/03 - 11/03 and 5/10/04 - 5/13/04					
Description of Data	Water geochemistry data from water obtained 8/03 - 11/03 and 5/10/04 - 5/13/04 during EWDP sampling events. Hardcopy signed lab reports and compiled data in Excel spreadsheet, "RSE2003&04_QA.xls". Gross Alpha and Beta results are included for samples collected 8/03 - 11/03 at the following EWDP wells : NC-EWDP-3S, - 4PB, -7SC, -10P, -10S, -16P, -18P, -19IM1, -19IM2, -19P, -22PA, -22PB, -22S, -23P, -24P, -27P, -28P, and -29P. Gross Alpha and Beta results are included for samples collected 5/10/04 - 5/13/04 at the following EWDP wells: Washburn-1X and NC-EWDP-19PB.					
Data Collection Method	Groundwater was pumped to the ground surface with a Bennett pump (piston pump operated with compressed air) from wells NC-EWDP-4PB, -7SC, -10P, -16P, -18P, -19P, -22PA, -22PB, -23P, -24P, -27P, -28P, -29P and -19PB, with a submersible impeller pump from wells NC-EWDP-3S, -10S, -19IM1, -19IM2 and 22S, and with a small diameter bladder pump operated with Nitrogen from Washburn-1X. The wells were purged a minimum of three well volumes 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-3S, - 4PB, -7SC, -10P, -10S, -16P, -18P, -19IM1, -19IM2, -19P, -22PA, -22PB, -22S, -23P, -24P, -27P, -28P, -29P, -19PB and Washburn-1X .					
Data Collection Period(s)	8/03 to 11/03; 5/10/04 to 5/13/04					
Data Source(s)	Radiation Safety Engineering, Inc., Chandler, AZ. Refer to RIDs 6239 and 6103 for field chemistry parameters and field scientific notebooks #145 and 155 for field notes.					
Data Censoring	None					
Data Processing	Gross Alpha activity was analyzed using EPA Method 600/00-02 and Gross Beta was analyzed using EPA Method 900. Data from signed original lab data sheets were processed into an Excel spreadsheet.					
Data Limitations	Air bubbles were noted in the Bennett pump discharge line suggesting an air leak in the pump and/or natural out-gassing of the water. If the former was occurring, parameters sensitive to dissolved oxygen may be disturbed from in situ conditions.					
Governing QA Docs.	TP-8.1 Rev 2, TPN-11.1 Rev 0					
Frequency of Transmittal	As required by PI					

NYE County NWRPO -Technical Data Report

RID No.

Transmitter

Org.

Receiver

Org.

Key word1

Title/Description

Direct Questions
About Data
To- Nye County QA Records Center