

NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
5436	Gilmore	NYE	Qarc	NYE	10S	NC-EWDP-10S Water Geochemistry Data Analyzed by NEL Laboratories
Doc. Date	1/10/2003	General Doc. Type	QA PROGRAM DOC	Keyword2	H2O	
Entry Date	1/13/2003	Detailed Doc. Type	DATA	Keyword3	ANALYSES	
Data Originator Preparer	Kathy Gilmore					
Title of Data	NC-EWDP-10S Water Geochemistry Data Analyzed by NEL Laboratories					
Description of Data	Water geochemistry data from water obtained 9/11/02 to 9/12/02 during EWDP-10S sampling event. Data is included for the following water samples: GWS 0025 - 10S zone 2; GWS 0026 - 10S zone 1; and GWS 0033 - field blank collected at 10S. Included in the data package: case narrative, analytical results direct from database, original transfer of custody form, analytical QC summary report, and processed data in excel format.					
Data Collection Method	Groundwater was pumped to the ground surface with a submersible impeller pump. 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. Groundwater samples were analyzed by NEL Laboratories using EPA procedures listed in the attached analytical results database report.					
Data Location(s)	NC-EWDP-10S					
Data Collection Period(s)	9/11/02 to 9/12/02					
Data Source(s)	NEL Laboratories, Las Vegas, NV. Refer to RID 5196 for field chemistry parameters.					
Data Censuring	None					
Data Processing	NEL processed data from database into excel spreadsheets which included the following limits: instrument detection, method detection and reporting.					
Data Limitations	<p>With several exceptions, 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 laboratory QC specifications. The exceptions were as follows for matrix spike QC analyses associated with GWS 0026 and GWS 0033: nitrate and nitrite nitrogen did not meet recovery limits in 1 of 4 matrix spike QC samples, sulfate in 1 of 5 matrix spike QC samples, and chloride in 2 of 5 matrix spike QC samples.</p> <p>In addition, field blanks (field QA samples) were found to contain concentrations of several metals and iodide above instrument detection levels suggesting the possibility of slight contamination of groundwater samples from the atmosphere (e.g. dust), preservatives, and/or bottle preparation.</p>					
Governing QA Docs.	TP-8.1, Rev 2					
Frequency of Transmittal	As required by PI					
Direct Questions	Nye County QA Records Center					

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