

# Technical Data Information Report

RID Number	Transmitter	Transmitter Organization	Receiver	Receiver Organization	Keyword 1
7974.00	McRae	Nye County NWRPO	QARC	Nye County NWRPO	GWE

Document Date	9/20/2011	General Document Type	QA Program Doc	Keyword 2	Groundwater
Entry Date	9/21/2011	Detail Document Type	Data	Keyword 3	Results
Document Title/Subject	Ground Water Chemistry Results including pH, EC, SiO <sub>2</sub> , HCO <sub>3</sub> , CO <sub>3</sub> , Cl, SO <sub>4</sub> , NO <sub>3</sub> -N, Na, K, Ca, Mg, DOC from Desert Research Institute (DRI) Laboratory.				
Data Originator/Preparer	Mary Miller				
Data Description	Ground Water Chemistry Analyses including: pH, EC, SiO <sub>2</sub> , HCO <sub>3</sub> , CO <sub>3</sub> , Cl, SO <sub>4</sub> , NO <sub>3</sub> -N, Na, K, Ca, Mg, DOC from DRI Laboratory, for wells: NC-GWE-8PA, -Felderhoff-25-1PA, GF-3PA, GF-4, GF-4PA, -OV-2, National Park Service well AM-0501 (GF-1), and Inyo BLM #1, and Duplicates: NC- GWE-55D for Inyo BLM #1. Duplicates: NC- GWE-55D for Inyo BLM #1, AM-D1 for National Park Service well AM-0501 (GF-1), NC-GWE-02D for NC-GWE- 3PA, NC-GWE-D2 for NC-GWE- 2P, NC-GWE-3D for PV-3, NC-GWE-D8 for - 8PA. Package includes chain of custody forms and original lab reports. Original lab reports are posted to the NWRPO website as rid7974.zip.				
Data Collection Method	Ground water was pumped during a step flow test from the wells. Samples were collected, processed, and shipped to the testing laboratories.				
Data Collection Location	Wells NC-GWE-PV-1, -2P, -PV-2, -PV-3, -8PA, -Felderhoff-25-1PA, -GF-3PA, -GF-4, -GF-4PA, -OV-2, National Park Service Well AM-0501 (GF-1), and Inyo BLM #1, with pump set approximately 50 ft below standing water level.				
Data Collection Period	3/21/2011 - 6/23/2011				
Data Sources	Lab analyses from DRI Laboratory, Reno, NV. Supporting Data: Scientific Notebook # 178 (pages 7-9, 20-43, 48-74, and 79-96) for field notes.				
Data Censoring	Censored the pH data due to incorrect reporting from lab on samples GWS-0280, -0281, and -0283.				
Data Processing	Original data are processed into Excel spreadsheets of Acrobat .pdf files by laboratories.				
Data Limitations	Sample numbers were corrected on original lab reports (GWS-1290 corrected to GWS-290 and GWS-0268 corrected to GWS-0272). The quality assurance objective for field blanks (result < reporting limit) were met with the following exceptions:  GWS0267-NC-GF-1B-Dissolved Aluminum, Calcium, Iron, Lead, Silica, and Sodium. Bicarbonate and Carbonate as CaCO <sub>3</sub> ; Residue, Filterable (TDS) @ 180C, and Total Alkalinity. GWS0270-NC-GWE-3B-Dissolved Aluminum, Iron, Lead, and Sodium; Residue, Filterable (TDS) @180C. GWS0275-NC-GWE-B2-Dissolved Aluminum, Iron, Lead, Sodium, and Titanium; Residue, Filterable (TDS) @180C. GWS0278-NC-GWE-B8-Dissolved Aluminum, Barium, Iron, Lead, Sodium and Tritium; Residue, Filterable (TDS) @180C. GWS0282-NC-GWE-GF-01B-Dissolved Aluminum, Iron, Lead, Sodium, and Titanium; Residue, Filterable (TDS) @180C. GWS0287-NC-AM-1B -Dissolved Aluminum, Barium, Lead and Sodium; Total Phosphorus and Residue, Filterable (TDS) @180C. GWS0291-NC-GWE-B29-Dissolved Aluminum, Barium, and Sodium; Total Phosphorus, and Residue, Filterable (TDS) @180C.				

Governing QA Docs: TP-8.1, Rev. 3

Frequency of Transmittal As necessary

Direct Questions  
About Data To: NWRPO QA Records Center