

# NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
7045	Buqo	T. S. Buqo, Consulting Hydrogeologist, Inc.	QARC	Nye	Domestic	Manual Water Level Measurements in Private Wells Through February 2006
Doc. Date	8/16/2006	General Doc. Type	QA Program Doc	Keyword2	MWL	
Entry Date	10/9/2006	Detailed Doc. Type	Data Packet	Keyword3	data	

Data Originator Preparer	Tom Buqo, Bob Wilcoxon
Title of Data	Manual Water Level Measurements in Private Wells Through February 2006
Description of Data	Data package includes Nye County's Regional Groundwater Elevation Database (RGED V. 4.0.mdb) containing manual water level measurements made in private wells through February 2006, field forms, hydrographs, and exported data from database:"Export Pahrump QA Data 0206.xls" and "Export Amargosa QA Data 0206.xls". This data supplements the previous data package (RID 6630) which included measurements through February 2005
Data Collection Method	NWRPO calibrated electric water level sounders in accordance with Work Plan 10 Rev. 0, Groundwater Level Monitoring and Evaluation.
Data Location(s)	Various locations in Pahrump Valley, Amargosa Desert, Chicago Valley, Death Valley, and Stewart Valley. Specific locations for each well are included in RGED V. 4.0 and in RIDS 5281 and 6630.
Data Collection Period(s)	March 2005 to February 2006
Data Source(s)	1) NWRPO derived latitude and longitude for well location and elevation data for ground elevation; 2) Depth to groundwater measured with electric water level sounders as recorded on the NWRPO Water Level Measurement Field Form (TP-9.9-1 Rev 0) since 9/4/03; 3) Wellhead diagrams, as established with engineers steel tape and recorded in Scientific Notebook #150 for each private well, showing casing type, diameter, and measuring point stickup above land surface  Supporting Data: RID 5281, individual GPS Rover files created during surveys (RID 6398), water levels through February 2005 (RIDs 6630 and 6361).
Data Censoring	No data included with this submittal were censored.
Data Processing	Data processing is limited to calculations made in the Access database (RGED v.4.0 mdb) and exports made from the database to MS Excel.
Data Limitations	The water-level elevations presented must be considered approximate because of the potential error in the GPS-based elevation of the land surface at the well site which is believed to be on the order of +/- 1.75 ft. according to work performed by the Center for Nuclear Waste Regulatory Analyses. The potential error in the GPS-based elevations does not affect the depth to water nor the absolute change in water levels over time that may be calculated using the elevation datum for land surface. The potential error may, however, result in limitations in the use of these data for the calculation of hydraulic gradients between wells with the error induced in such calculations being inversely proportional to the distance between the two wells being used to perform the calculation.  Annual data package submittal instead of semiannual submittal was approved by PI and OSGR.
Governing QA Docs.	WP-10 Rev. 0, TP-9.9 Rev. 3

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**Frequency  
of  
Transmittal** Biannually or as required by the PI and approved by the OSGR.  
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**Direct Questions  
About Data  
To-** NWRPO QA Records Center