

# NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
4622	Downing	NYE	Qarc	NYE	3S	Ewdp-3s Westbay Data, 6/8/01 - 8/15/01

**Doc. Date** 8/15/2001    **General Doc. Type** QA PROGRAM DOC    **Keyword2** WB  
**Entry Date** 11/15/2001    **Detailed Doc. Type** DATA    **Keyword3** DATA

**Data Originator** Reina Downing  
**Preparer**

**Title of Data** EWDP-3S Westbay Data, 6/8/01 - 8/15/01

**Description of Data** One CD containing an Excel file "081501\_3SQA.xls". This file contains water elevation and temperature data from 6/8/01 to 8/15/01 collected at Phase I EWDP-3S Westbay instrumented well.

**Data Collection Method** Westbay Mosdax Datalogger and pressure and temperature probes

**Data Location(s)** EWDP-3S

**Data Collection Period(s)** 6/8/01 to 8/15/01

**Data Source(s)** At EWDP-3S, Westbay datalogger SN 1500 (Probe 0 - atmospheric), Probe 1 (removed from the new well design - RID 4099), Probe 2 (SN 2519) at a depth of 398.2 ft., and Probe 3 (SN 2454) at a depth of 488.3 ft.

**Data Censuring**

**Data Processing** Refer to NWRPO Technical Procedure TP-9.2.

**Data Limitations** EWDP-3S Westbay data limitations (data collection period 6/8/01 to 8/15/01). The following text contains additional information necessary for interpretation of the attached EWDP water elevation and temperature data. Listed are the activities and particular environments associated with the well and instrumentation. Time frames are listed for each activity. Certain activities, such as equipment testing or water sampling, may have an impact on the data.

EWDP-3S: There are two downhole Westbay monitoring probes at this well location since 3/26/01 when the original Westbay casing installation was removed due to the discovery of bentonite/polymers in the casing. The borehole was subsequently pumped and flushed with aquaclear. The new Westbay casing design (RID 4099) was installed 4/8/01. However, instrumentation was not installed until 6/8/01. Probe 2 is located at 398.2 ft. below ground surface and probe 3 is located 488.3 ft. below ground surface. Each probe is located in a separate packed off zone.

6/8/01 to 8/15/01 A rise in water levels for both probe 2 and 3 of ~2.0 ft. is observed when compared to the previous data collected under the original EWDP-3S Westbay installation. After careful consideration of all the influencing factors, this change appears to be indicating equilibration in the well being influenced by the greater piezometric head at depth as reported by the pressure, aquifer, and pump test data at EWDP-3D.

**Governing QA Docs.** TP-9.2

**Frequency** Once per quarter

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or

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Direct Questions

Reina Downing

About Data

To-

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