



Pre-Permitting Environmental / Socio-Economic Data Report Series

Report Series D- Groundwater Hydrology Figures

Report D-5 (Figures)

Pumping Test Figures

PW1, PW3, PW4, PW5, PW6, PW7, PW8

September 20, 2004 - September 22, 2005

Submitted to the Pebble Limited Partnership June 2008

Preliminary data. Do not cite or quote.

The Pebble Partnership is providing environmental and socio-economic baseline data collected to inform the development of the Pebble Project to state and federal agencies, project stakeholders and the general public prior to project permitting as part of its commitment to full and open disclosure.

A comprehensive Environmental Baseline Document (EBD) will subsequently be prepared and appended to future project permit applications. The EBD will also be made publicly available when complete.

**PRE-PERMITTING
ENVIRONMENTAL SOCIOECONOMIC DATA
REPORT SERIES**

**REPORT SERIES D:
GROUNDWATER HYDROLOGY**

SECTION 5 – PUMPING TEST FIGURES

**Section 5
Pumping Test Figures**

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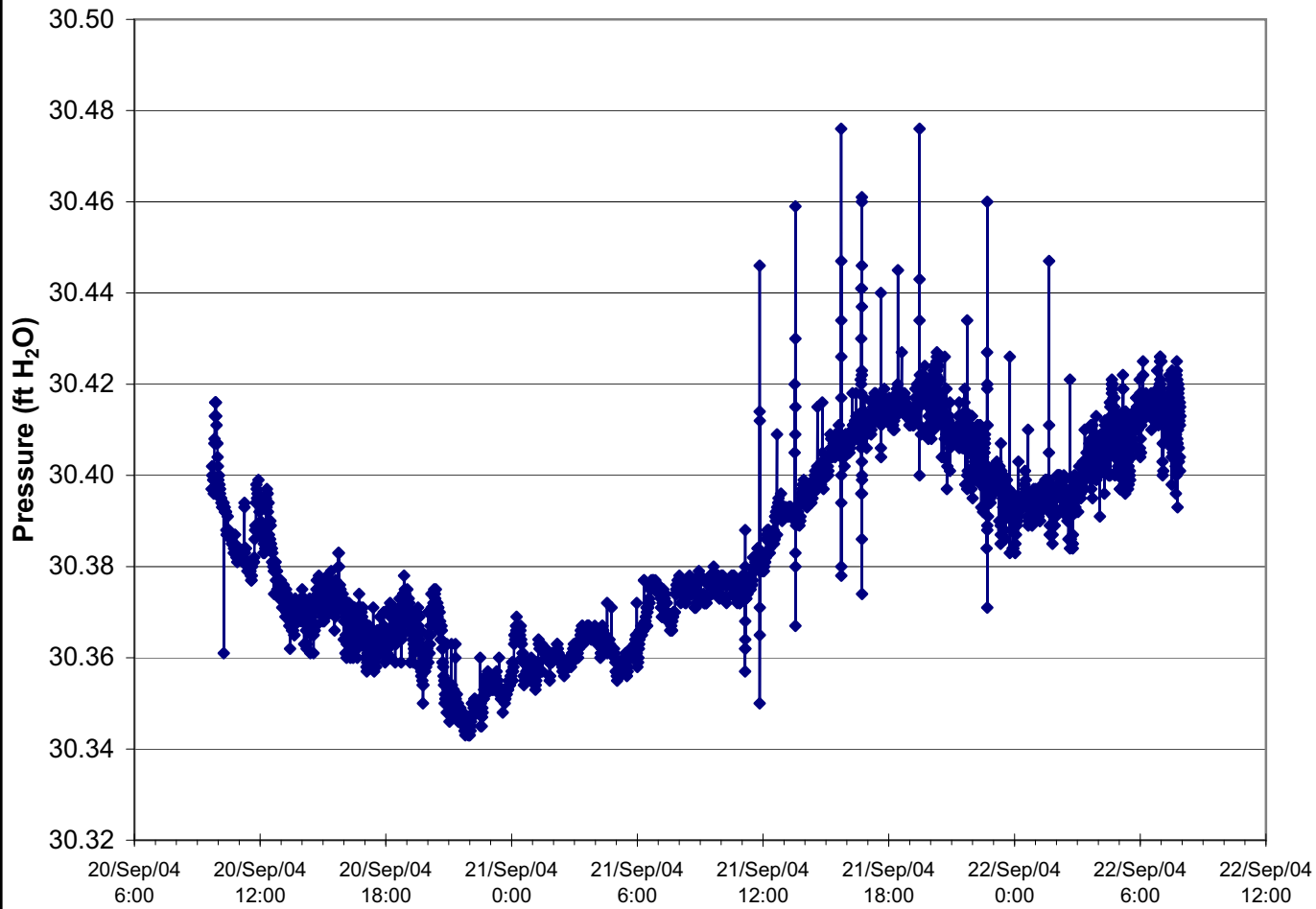
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SECTION 5 – PUMPING TEST FIGURES

PUMPING TEST PW1

Pumping Test PW1 - Piezometer P-4AS



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW1
Piezometer P-4AS

Legend

—◆— P-4AS (3323 Data Points)



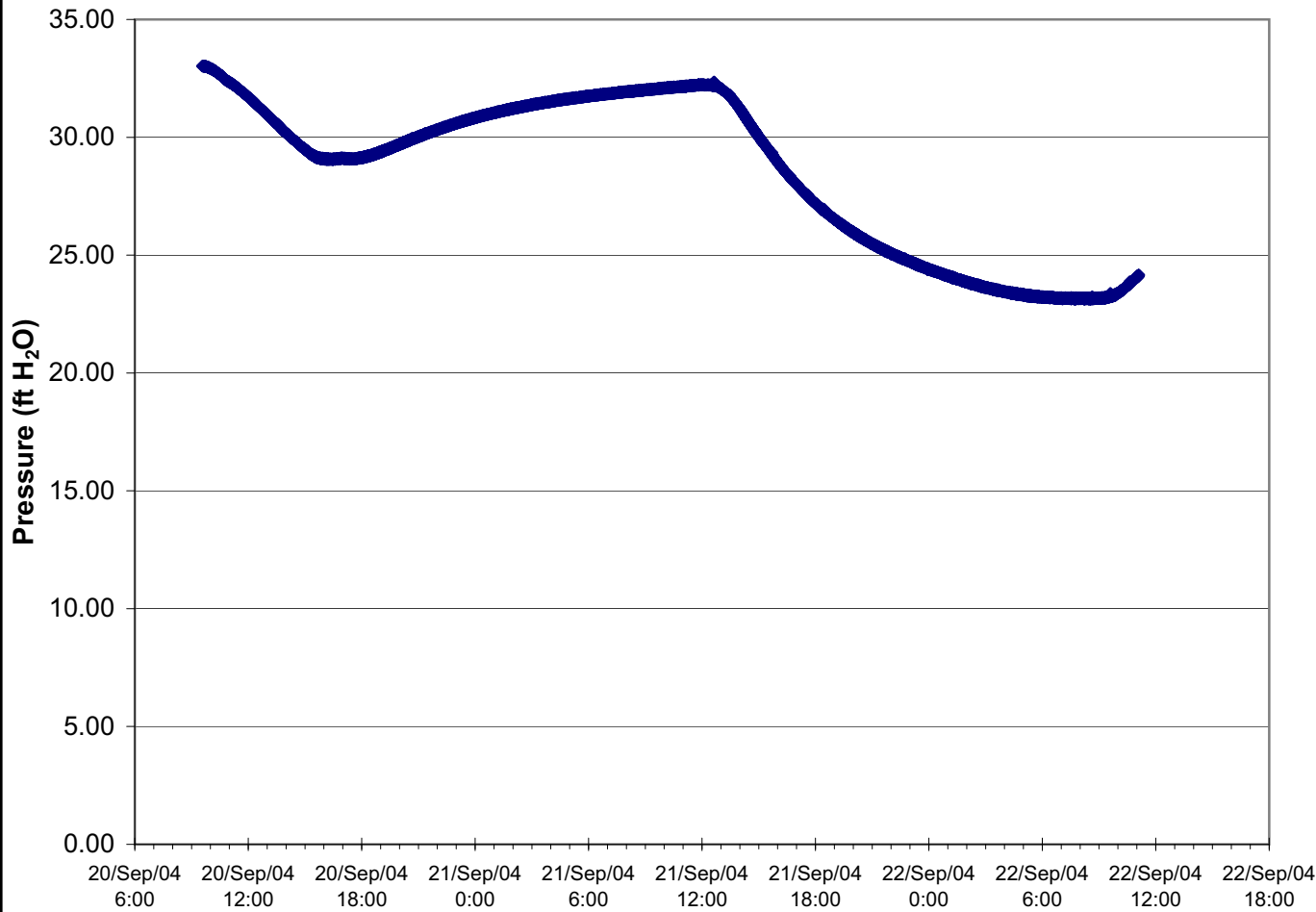
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW1 - Piezometer P-4AD



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW1
Piezometer P-4AD

Legend

—◆— P-4AD (12091 Data Points)



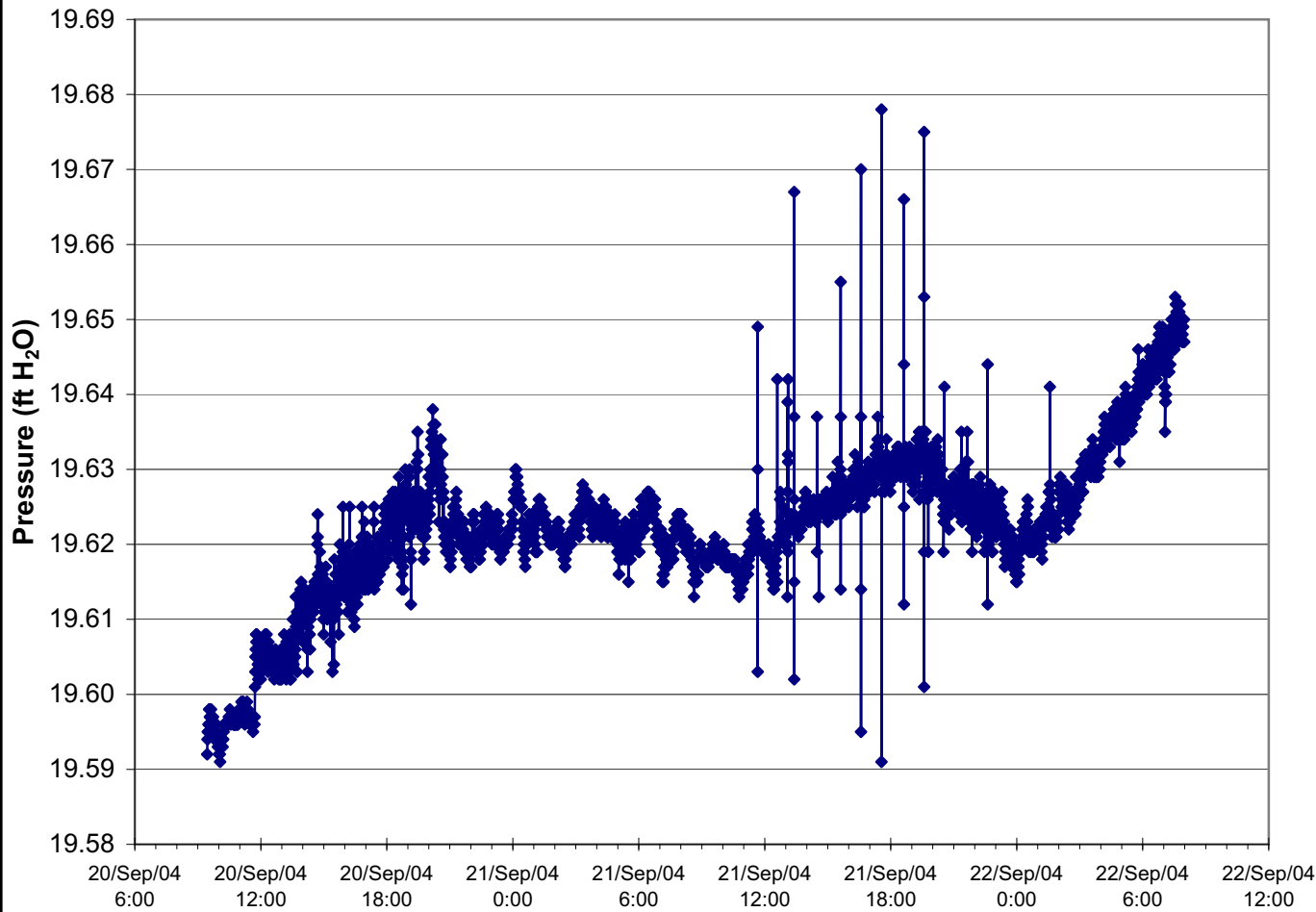
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW1 - Piezometer P-6S



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW1
Piezometer P-6S

Legend

◆ P-6S (2891 Data Points)



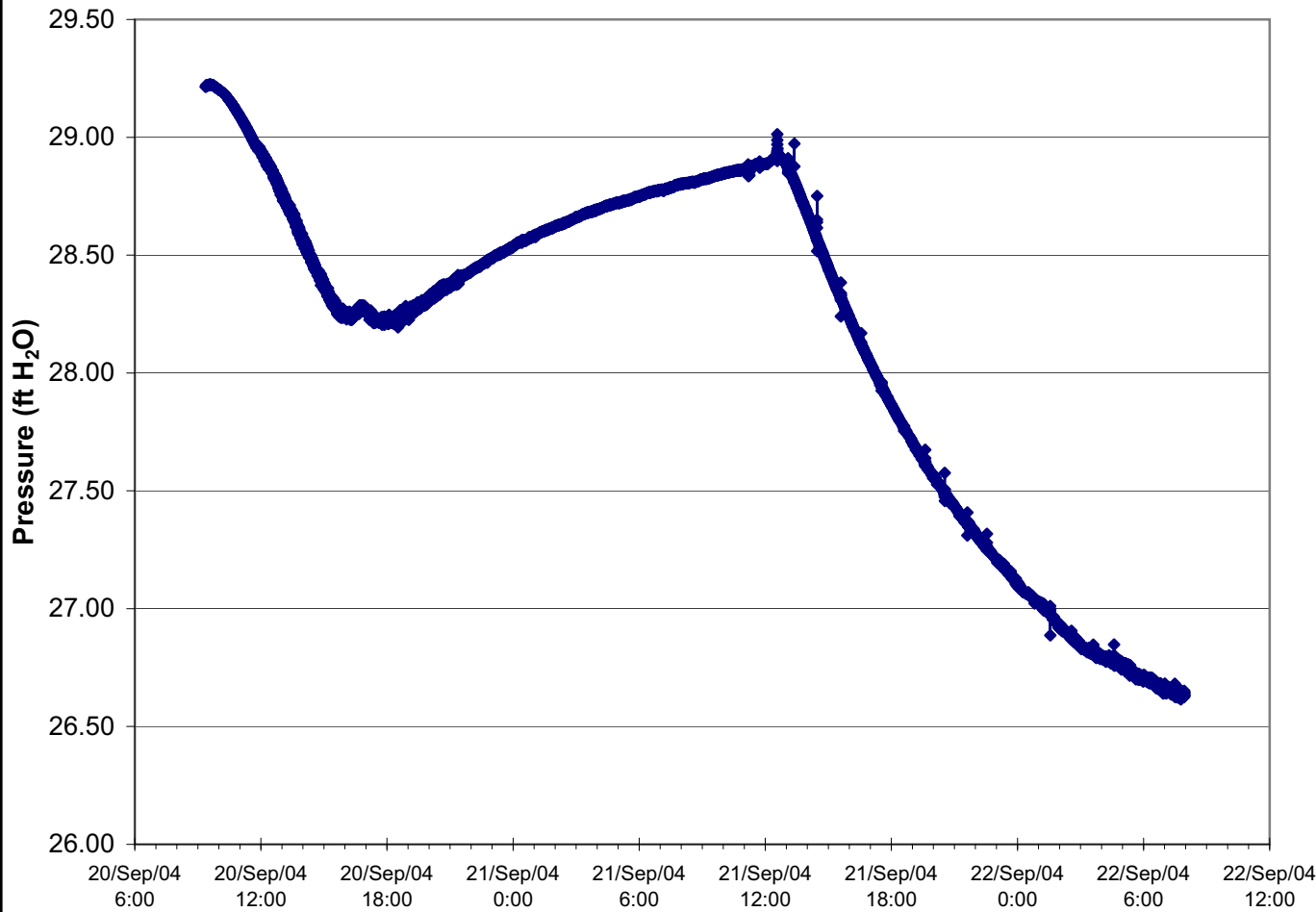
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW1 - Piezometer P-6M



Pre-permitting
Environmental/Socioeconomic
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW1
Piezometer P-6M

Legend

—◆— P-6M (7731 Data Points)



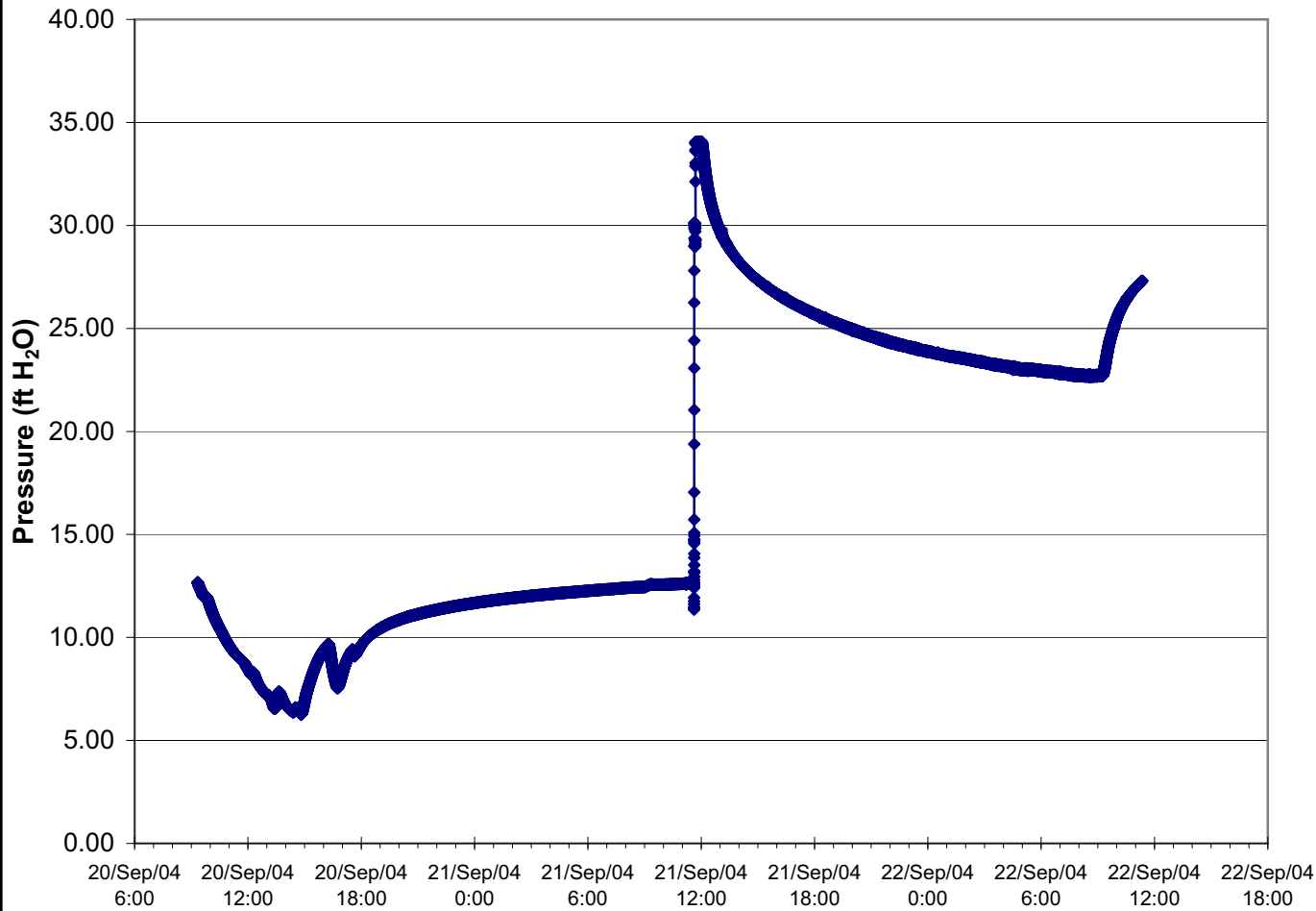
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW1 - Piezometer P-6D



Pre-permitting
Environmental/Socioeconomic
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW1
Piezometer P-6D

Legend

◆ P-6D (22854 Data Points)



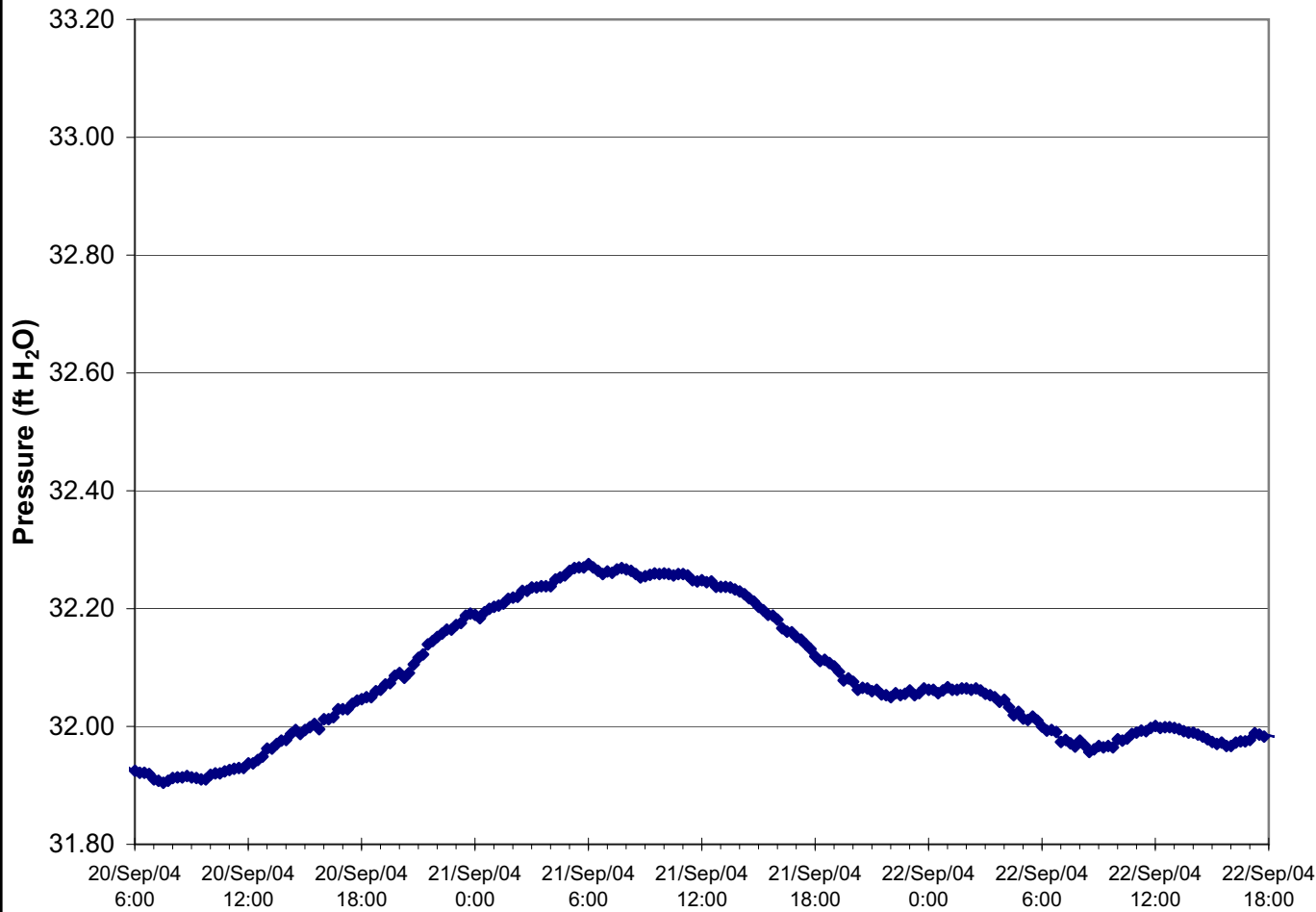
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW1 - Barometric Pressure



Pre-permitting
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW1
Barologger

Legend

◆ Barologger (2312 Data Points)



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Date: June 16, 2008

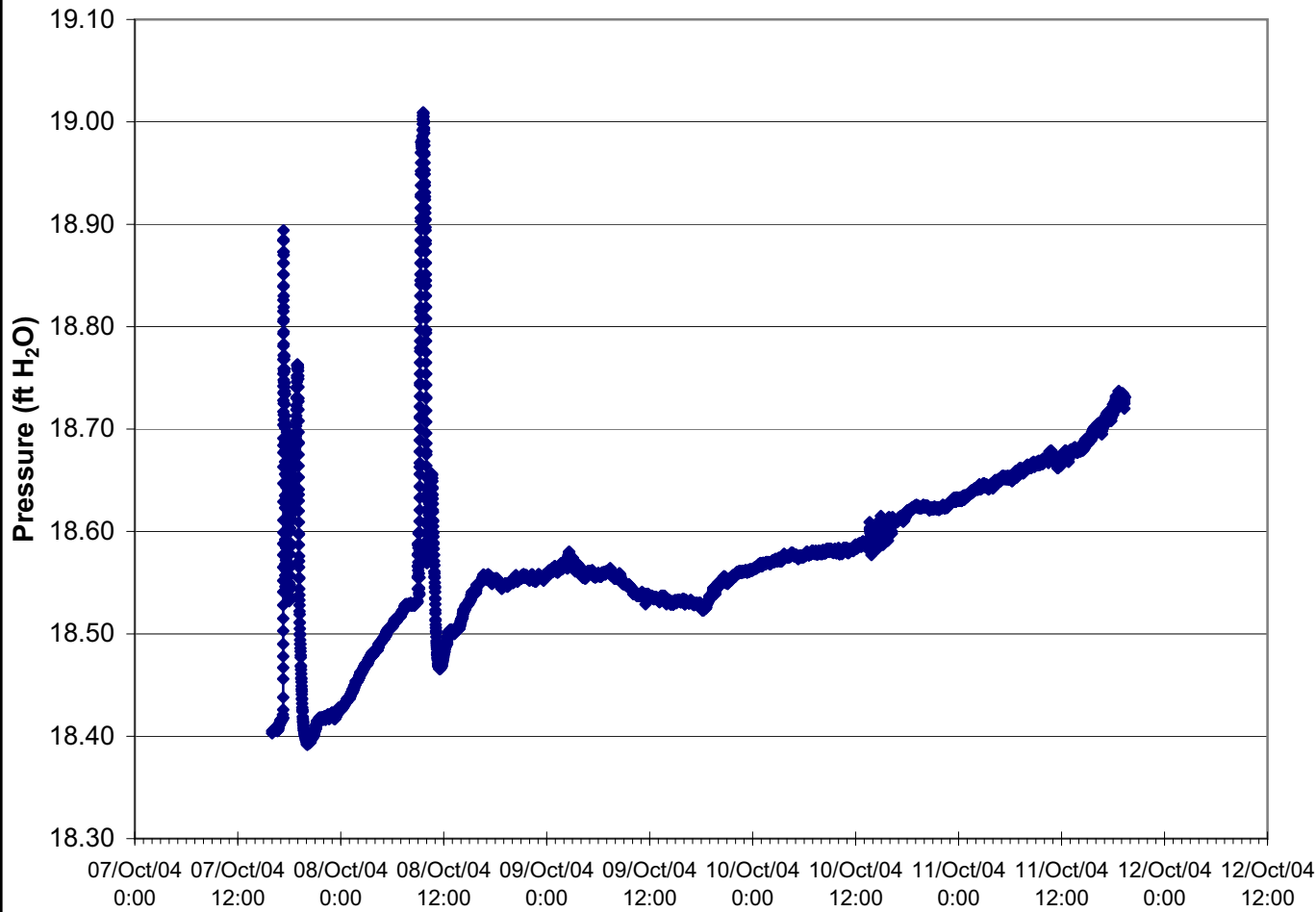
Version: 1

Author: WMC-LC

SECTION 5 – PUMPING TEST FIGURES

PUMPING TEST PW3

Pumping Test PW3 - Monitoring Well MW-11S



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Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW3
Monitoring Well MW-11S

Legend

—◆— MW-11S (6317 Data Points)



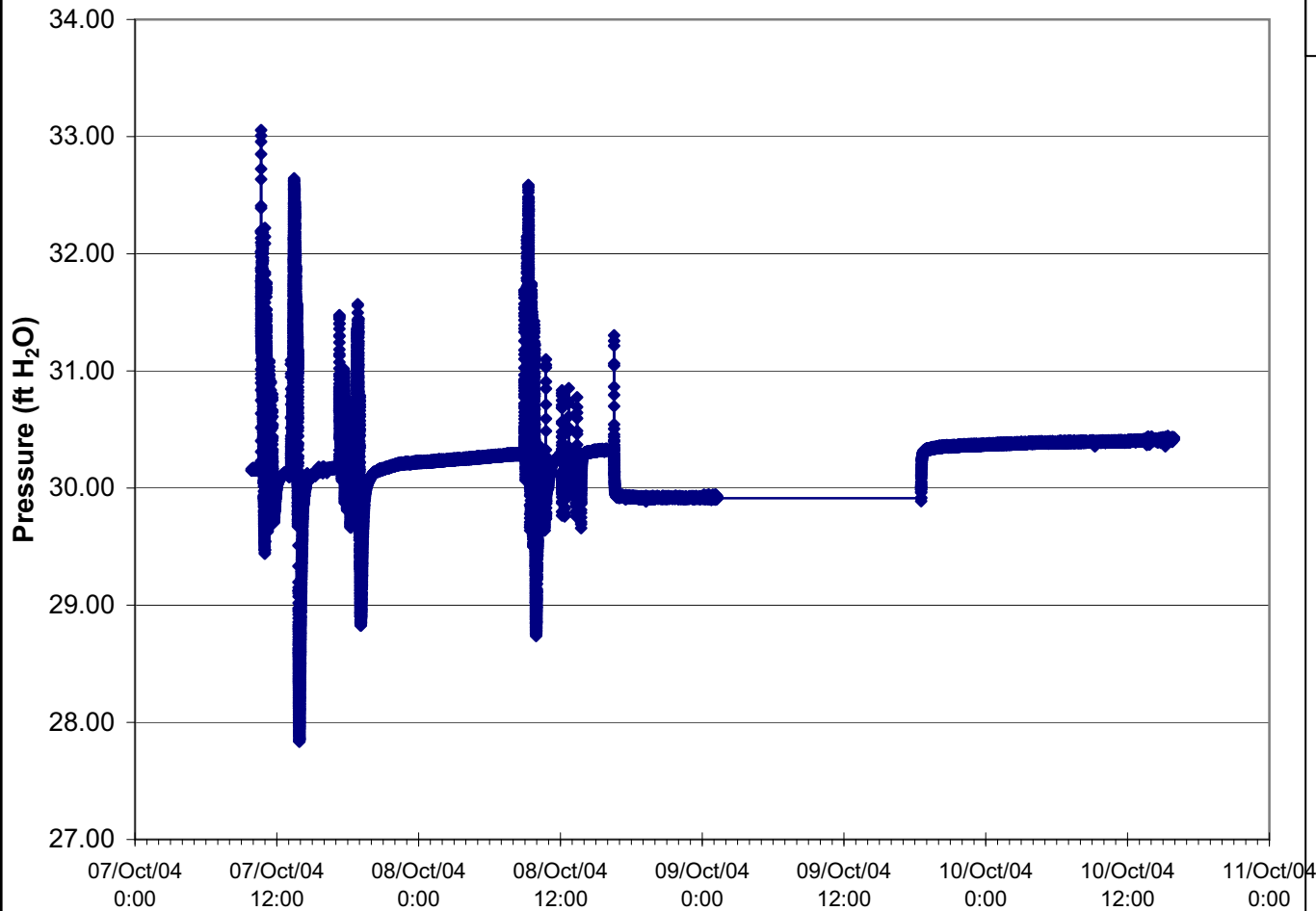
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW3 - Monitoring Well MW-11M



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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW3
Monitoring Well MW-11M

Legend

—◆— MW-11M (14974 Data Points)



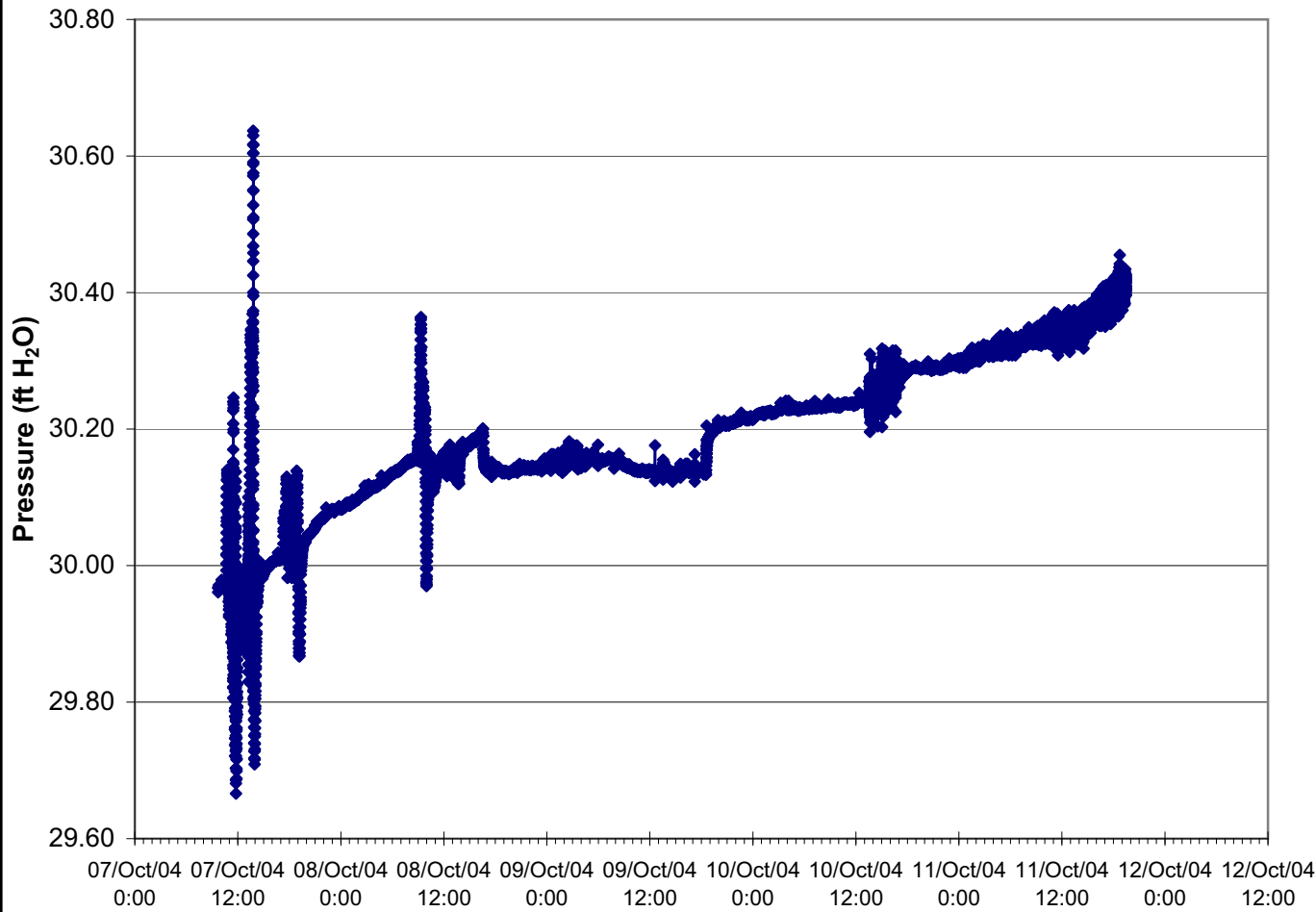
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW3 - Monitoring Well MW-11D



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW3
Monitoring Well MW-11D

Legend

—◆— MW-11D (15072 Data Points)



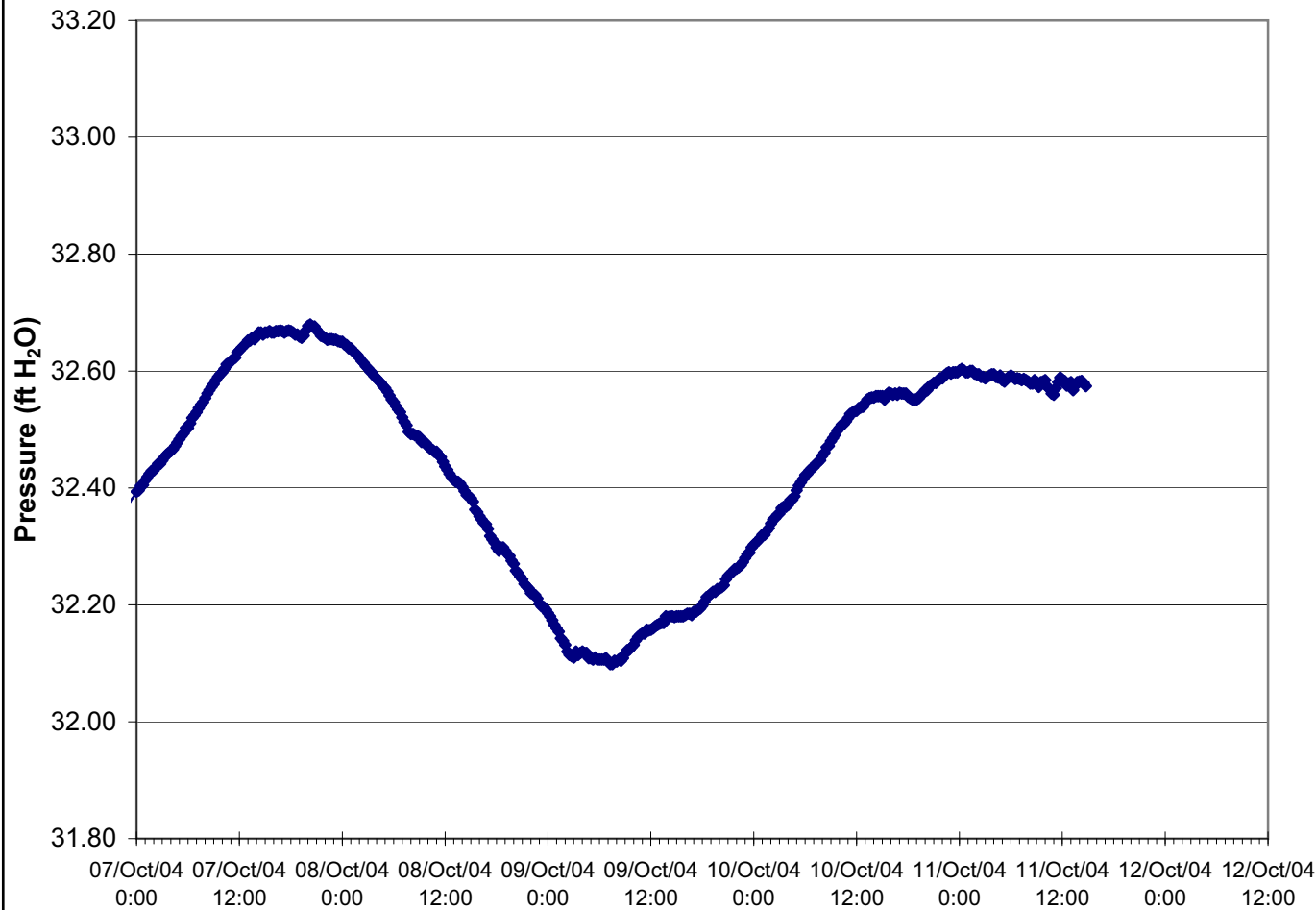
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW3 - Barometric Pressure



Pre-permitting
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW3
Barologger

Legend

—◆ Barologger (2312 Data Points)



Project: 7126

Date: June 16, 2008

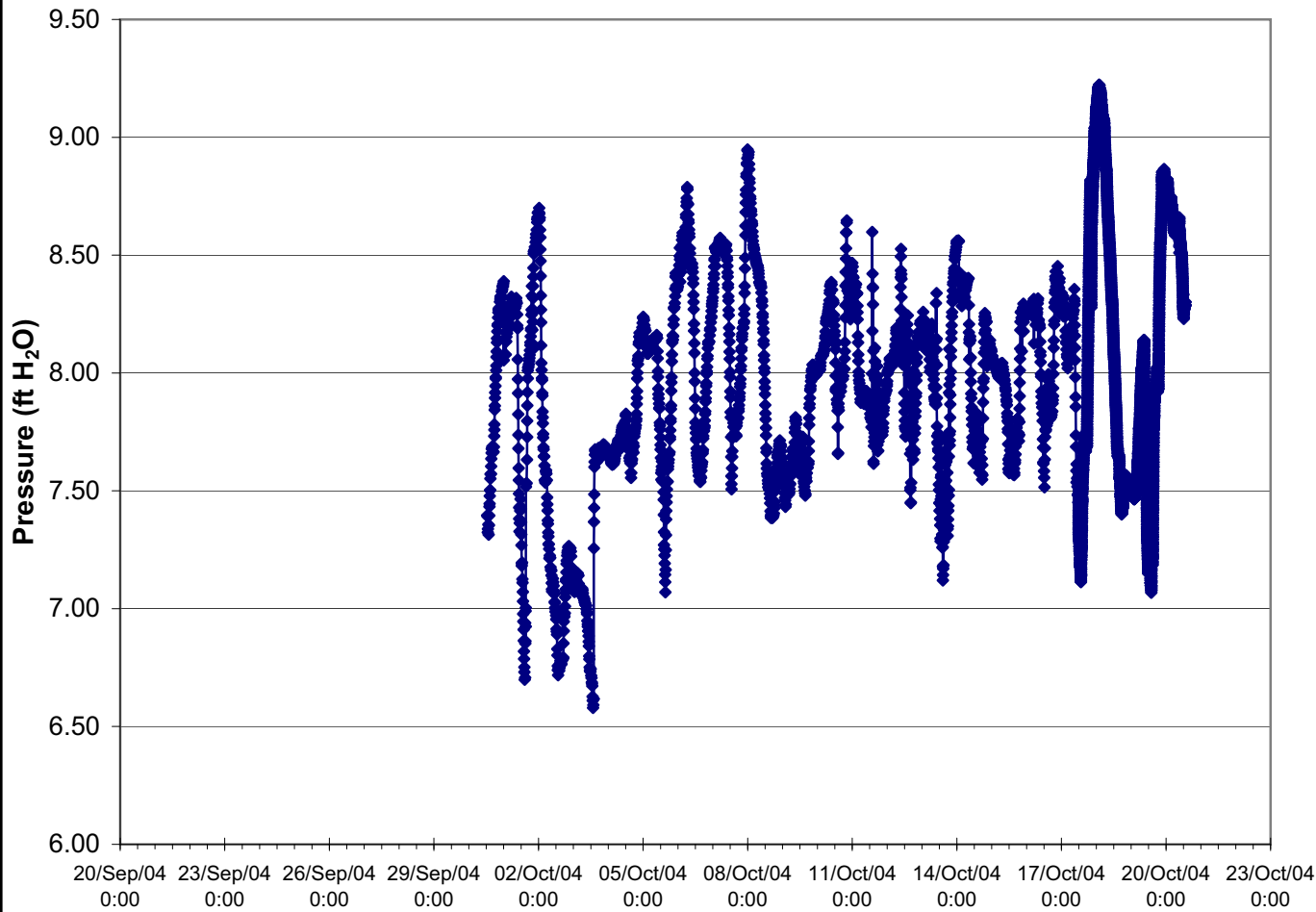
Version: 1

Author: WMC-LC

SECTION 5 – PUMPING TEST FIGURES

PUMPING TEST PW4

Pumping Test PW4 - Monitoring Well MW-1S



Pre-permitting
Environmental/Socioeconomic
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW4
Monitoring Well MW-1S

Legend

◆ MW-1S (6890 Data Points)



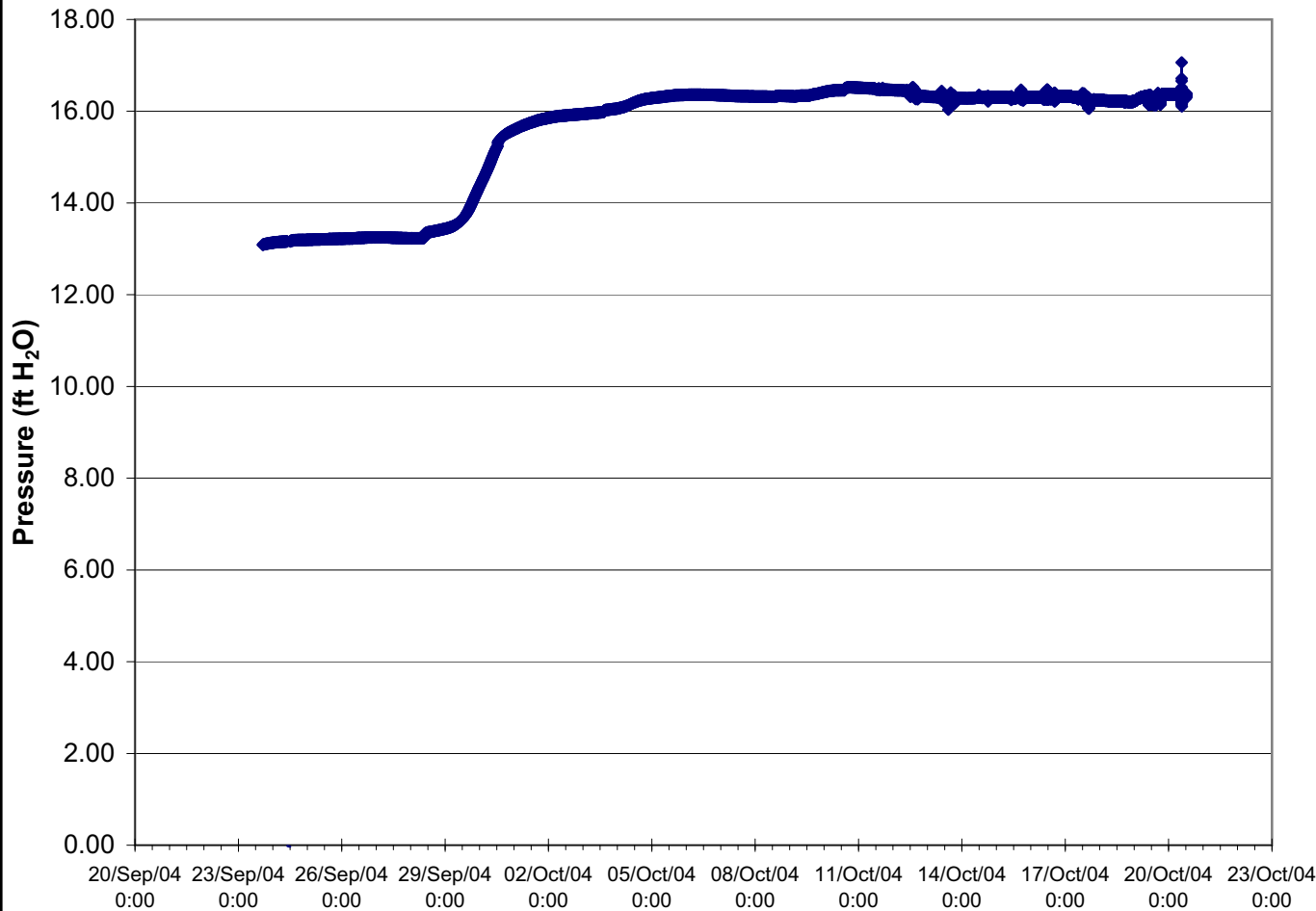
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW4 - Monitoring Well MW-1M



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW4
Monitoring Well MW-1M

Legend

◆ MW-1M (10402 Data Points)



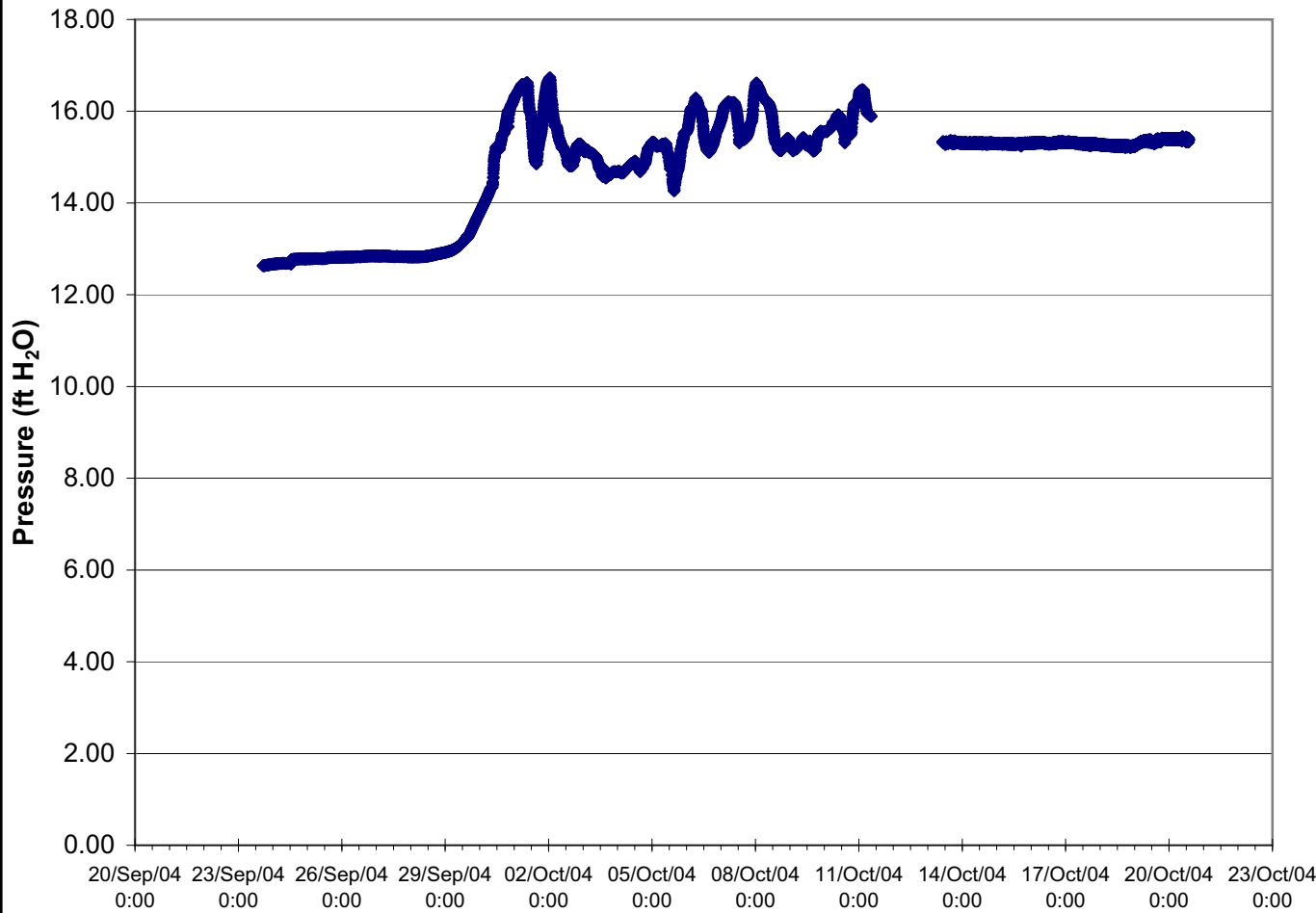
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW4 - Monitoring Well MW-1D



Pre-permitting
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW4
Monitoring Well MW-1D

Legend

◆ MW-1D (11807 Data Points)



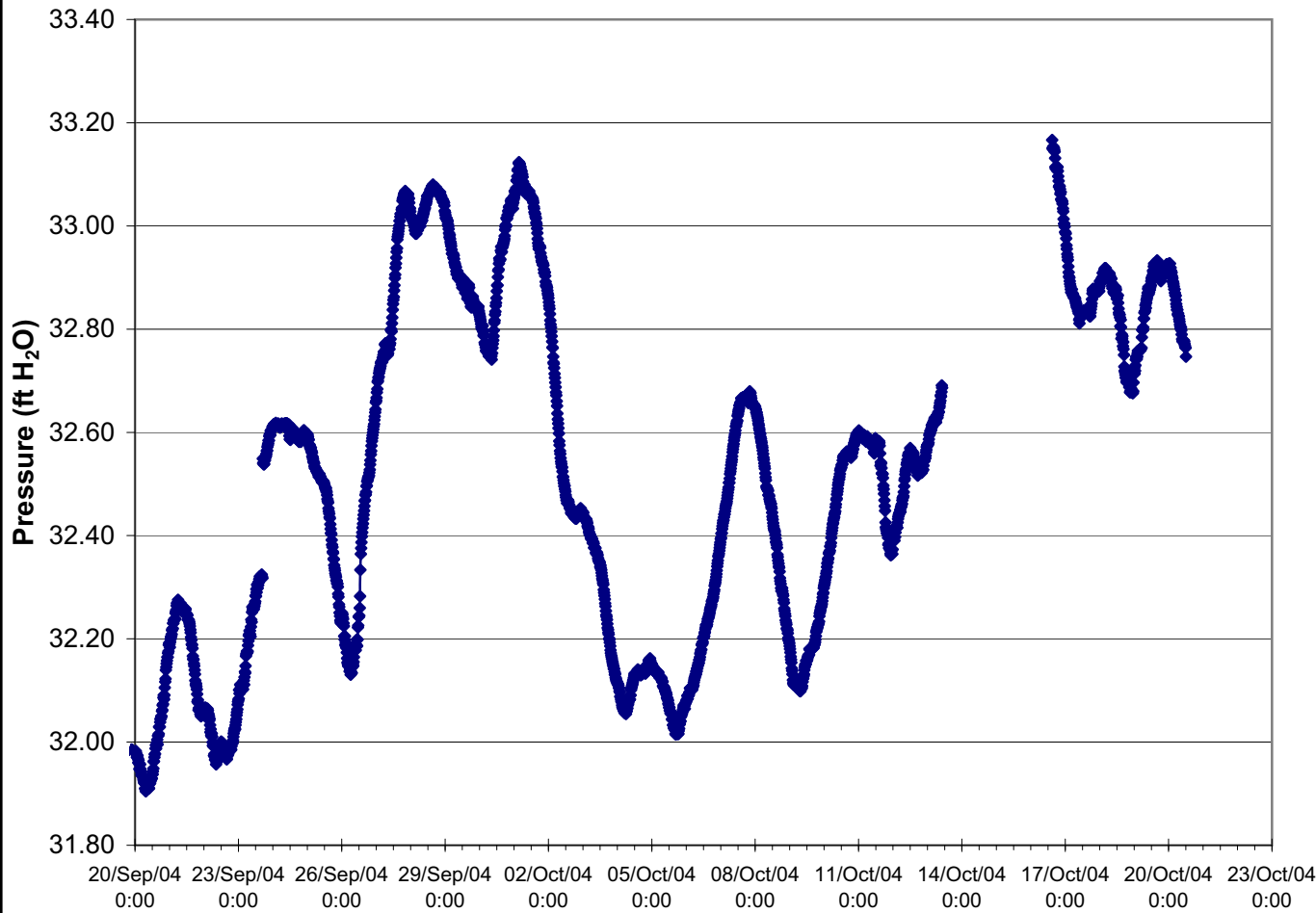
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW4 - Barometric Pressure



Pre-permitting
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW4
Barologger

Legend

—◆— Barologger (2860 Data Points)



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Date: June 16, 2008

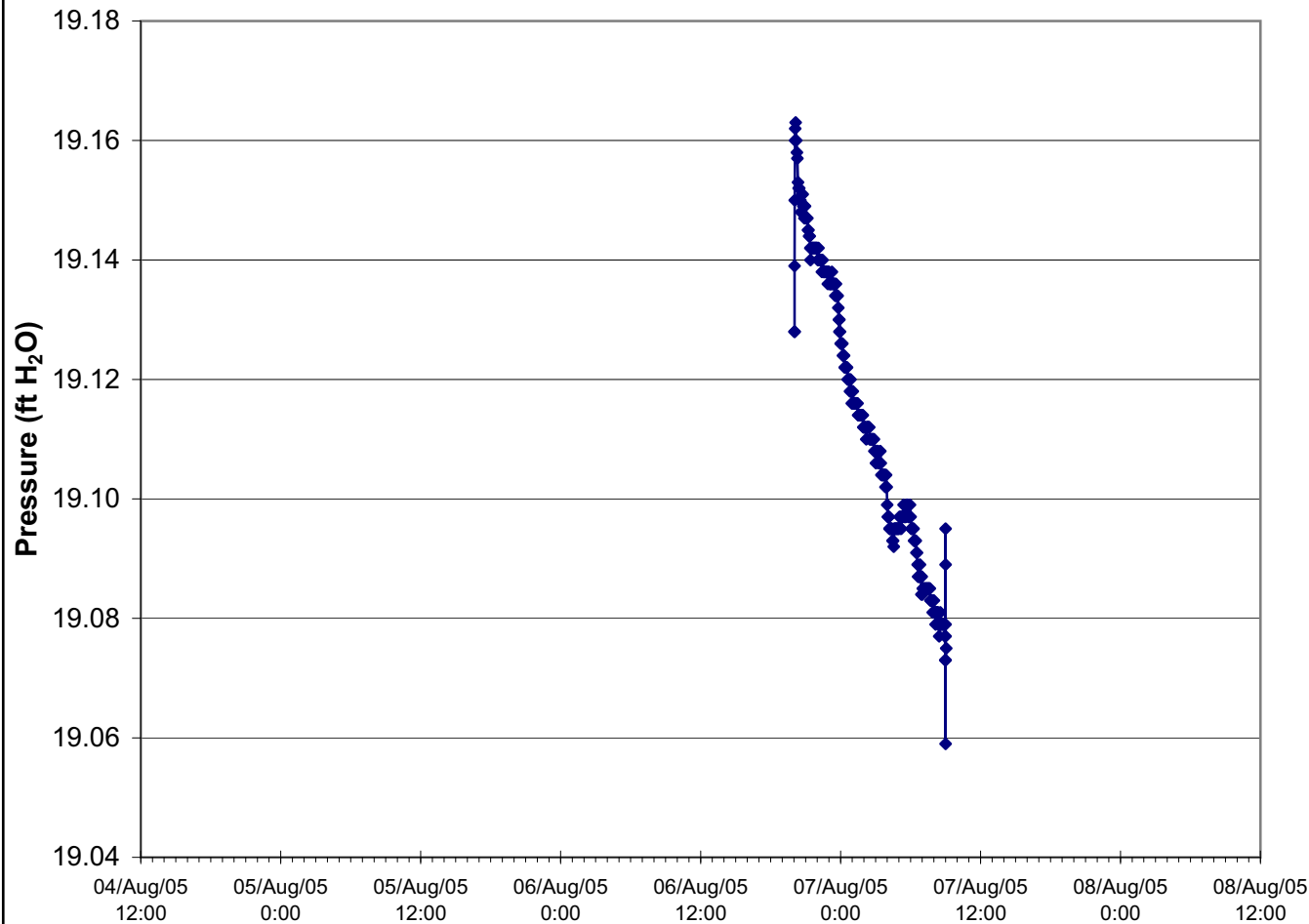
Version: 1

Author: WMC-LC

SECTION 5 – PUMPING TEST FIGURES

PUMPING TEST PW5

Pumping Test PW5 - Monitoring Well MW-11D



Pre-permitting
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Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW5
Monitoring Well MW-11D

Legend

◆ MW-11D (426 Data Points)



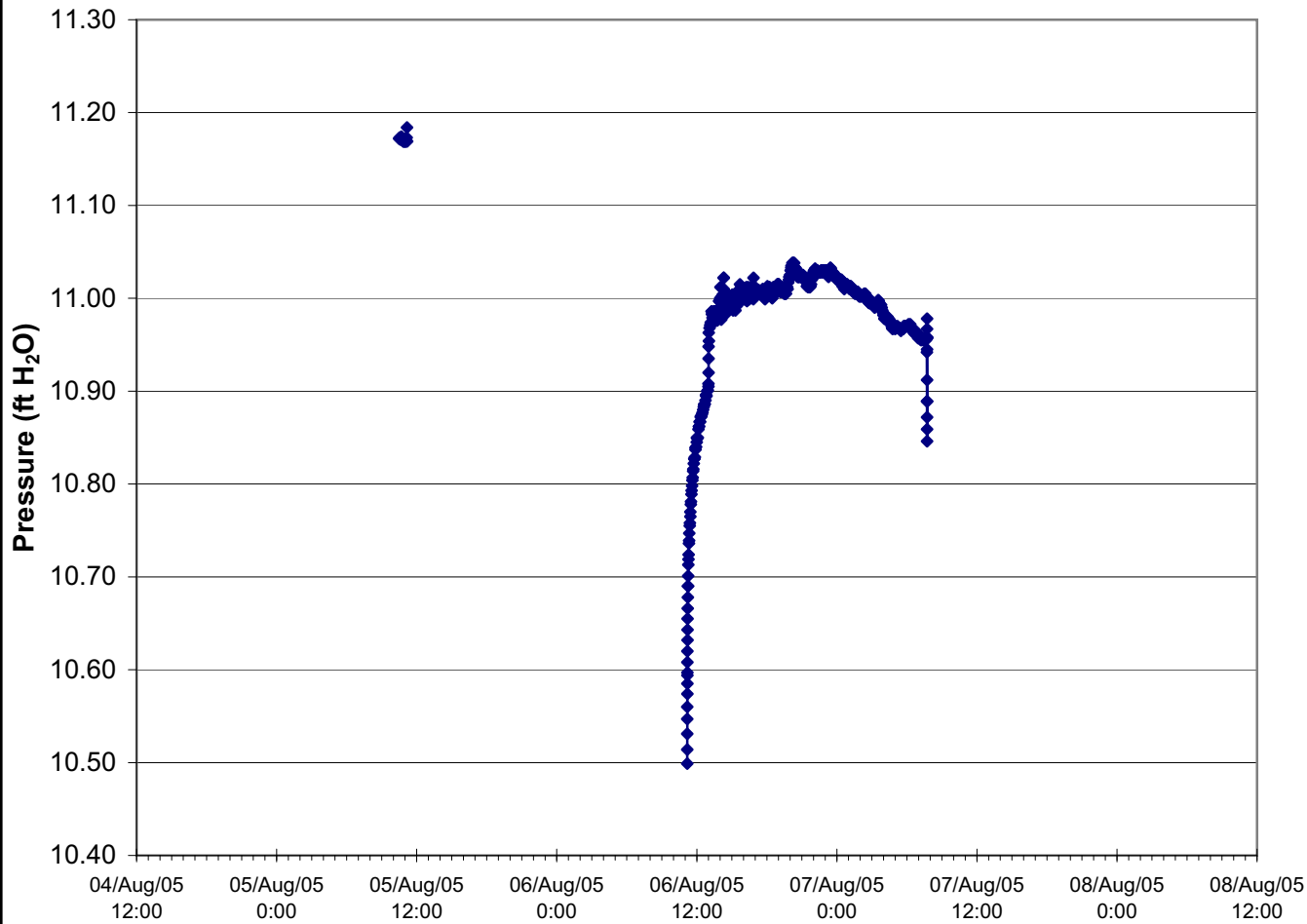
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW5 - Monitoring Well MW-14S



Pre-permitting
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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW5
Monitoring Well MW-14S

Legend

—◆— MW-14S (549 Data Points)



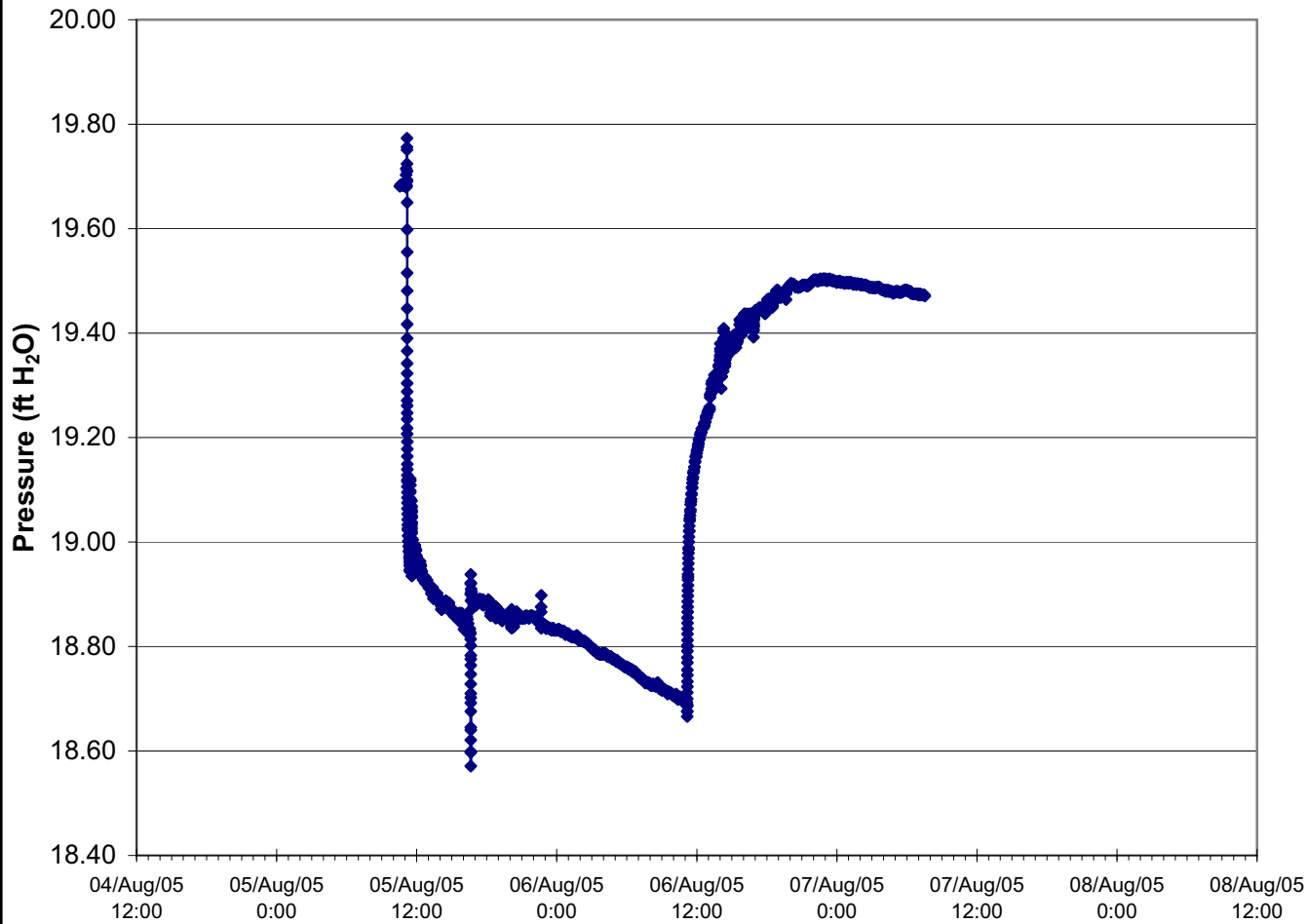
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW5 - Monitoring Well MW-14D



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Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW5
Monitoring Well MW-14D

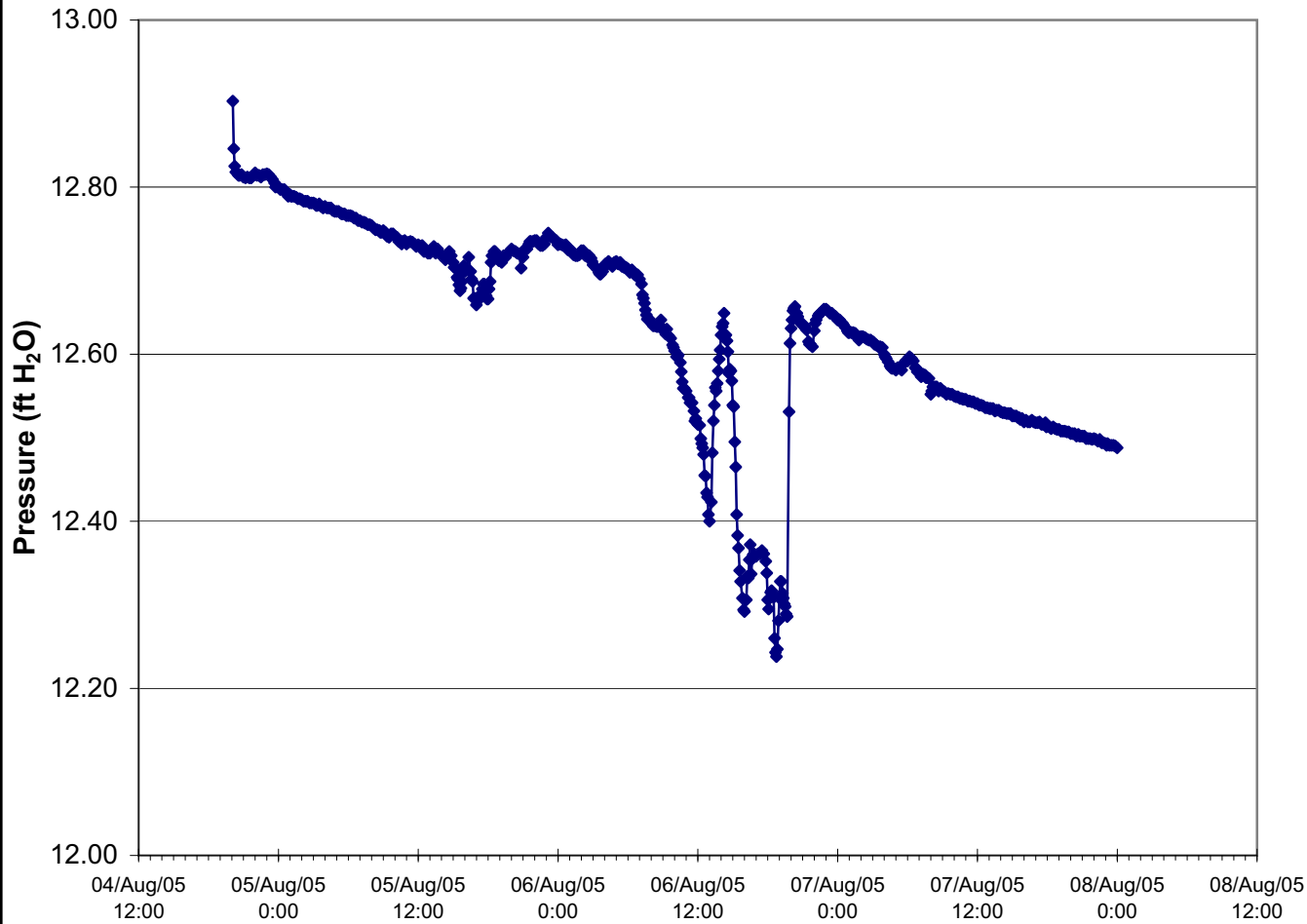
Legend

◆ MW-14D (1445 Data Points)



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Pumping Test PW5 - Piezometer P-05-24



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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW5
Piezometer P-05-24

Legend

◆ P-05-24 (588 Data Points)



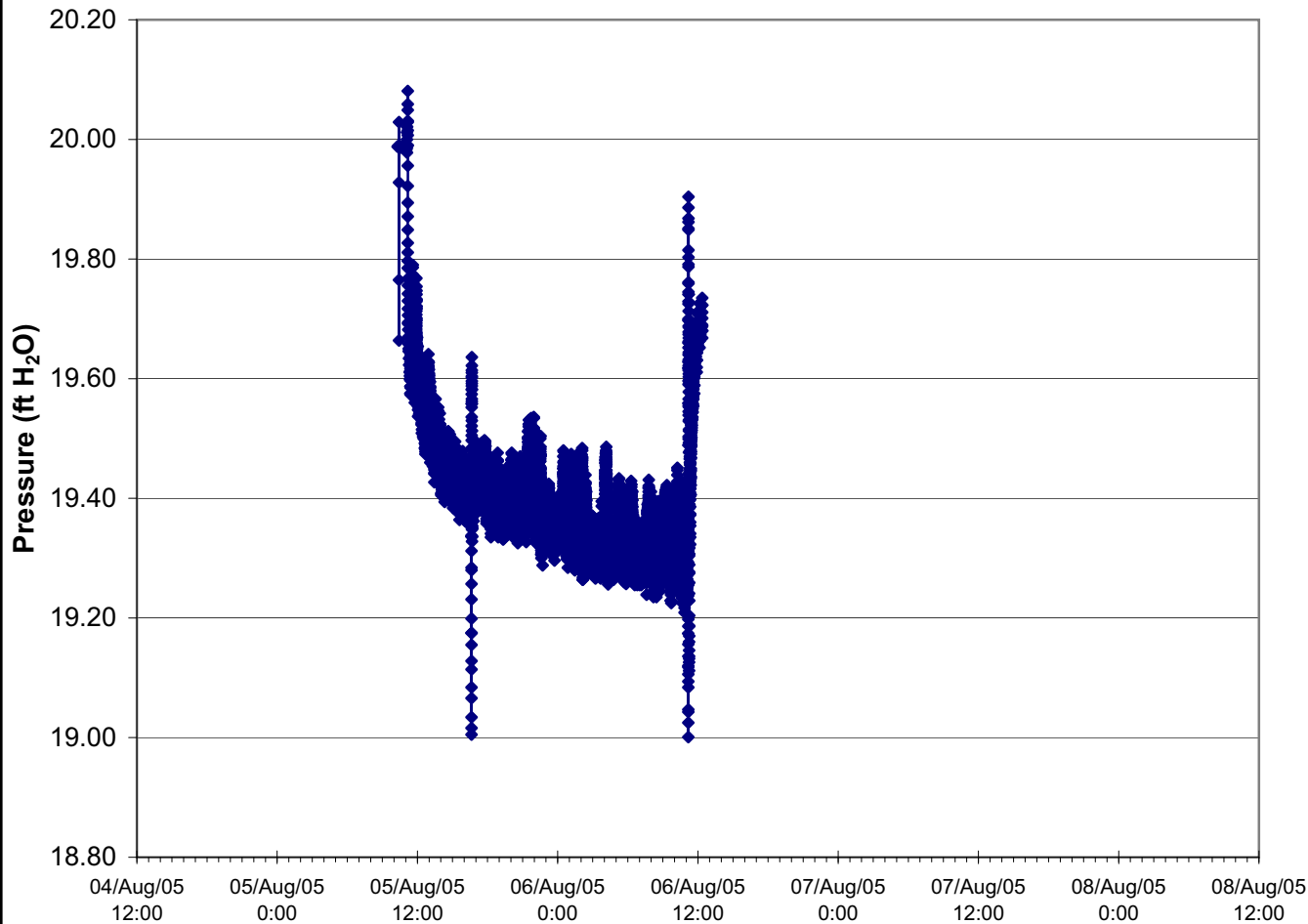
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Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW5 - Piezometer P-05-25



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Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW5
Piezometer P-05-25

Legend

◆ P-05-25 (16753 Data Points)



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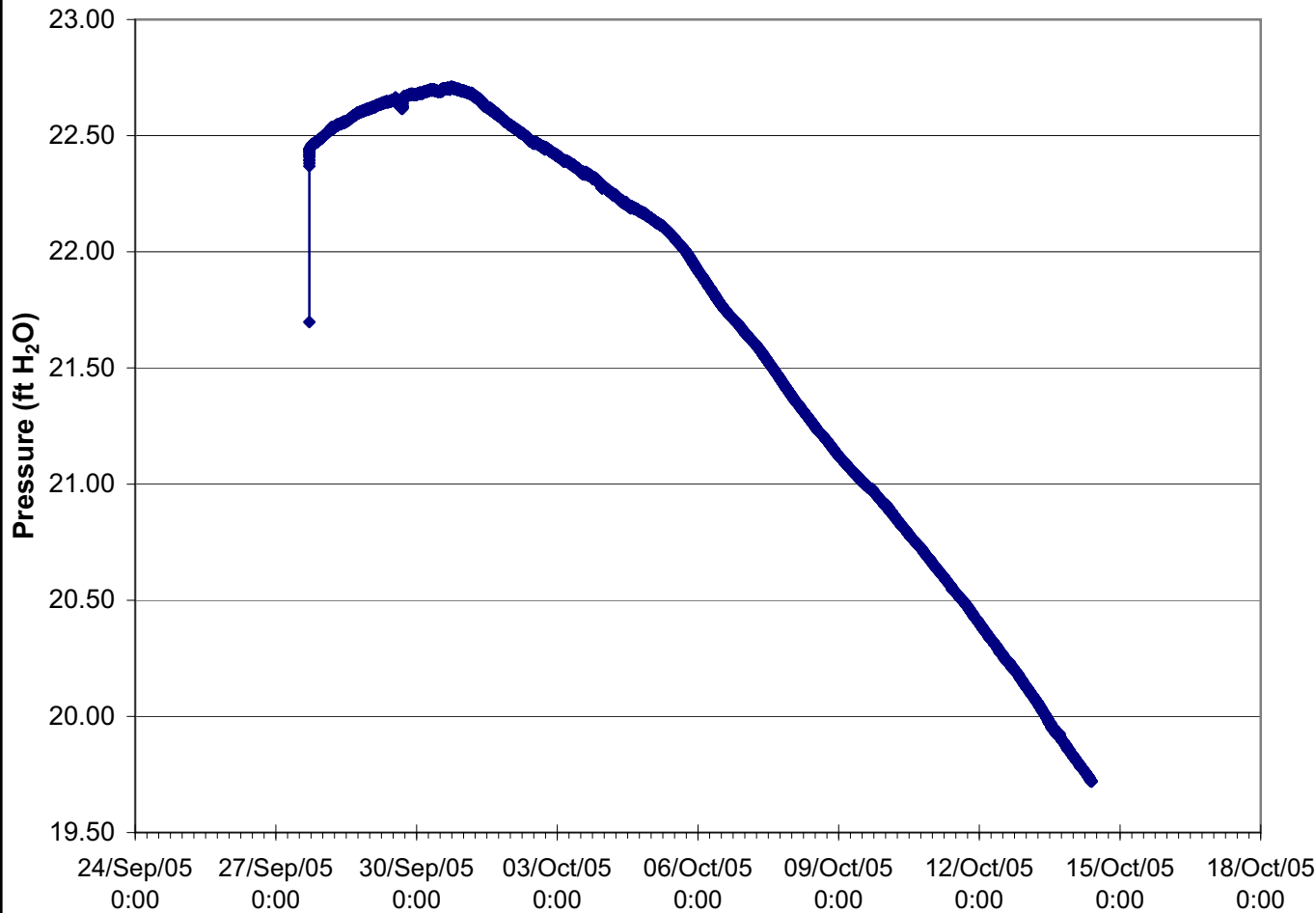
Version: 1

Author: WMC-LC

SECTION 5 – PUMPING TEST FIGURES

PUMPING TEST PW6

Pumping Test PW6 - Monitoring Well MW-14S



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW6
MW-14S

Legend

◆ MW-14S (8376 Data Points)



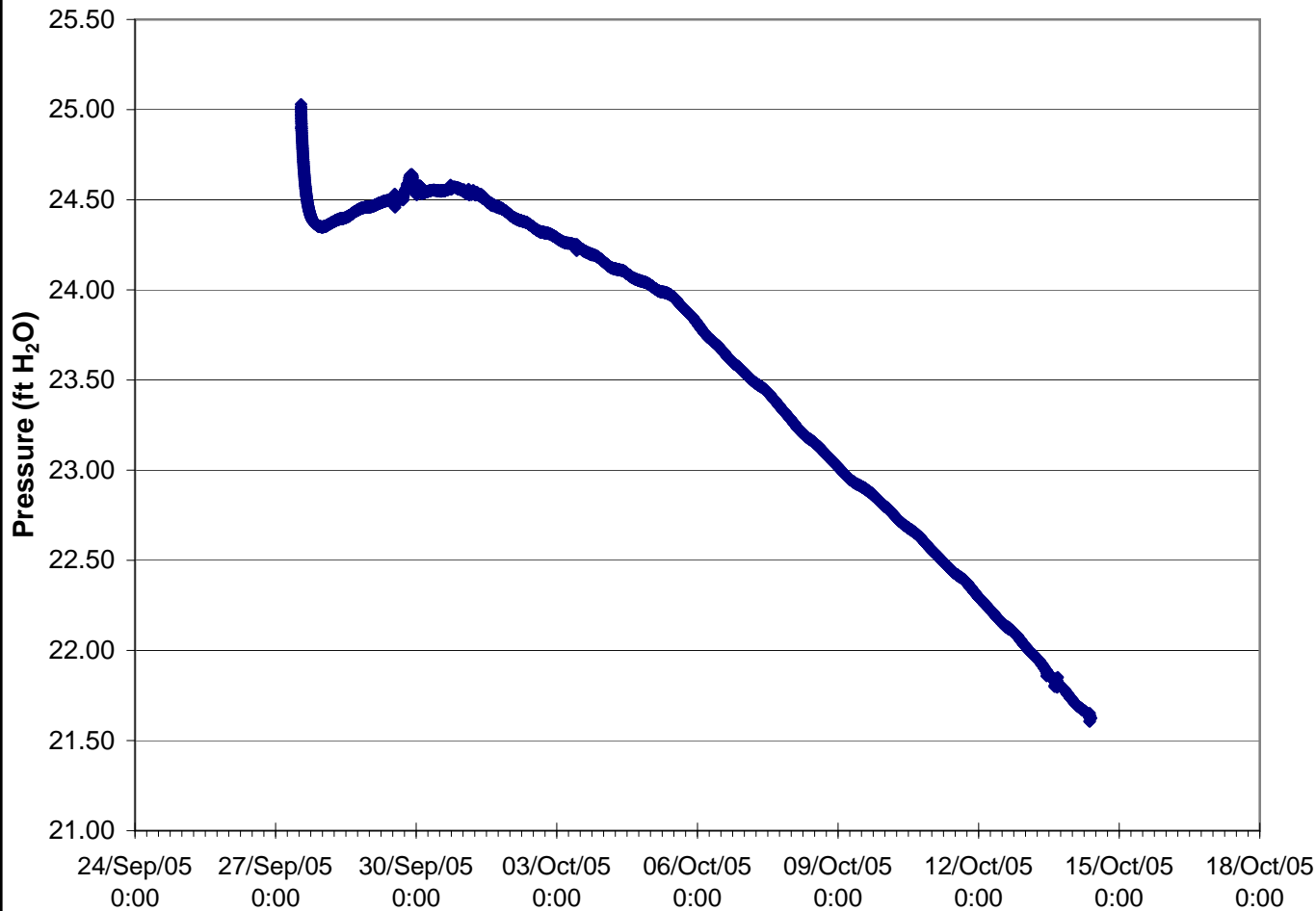
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW6 - Monitoring Well MW-14D



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW6
Monitoring Well MW-14D

Legend

—●— MW-14D (8626 Data Points)



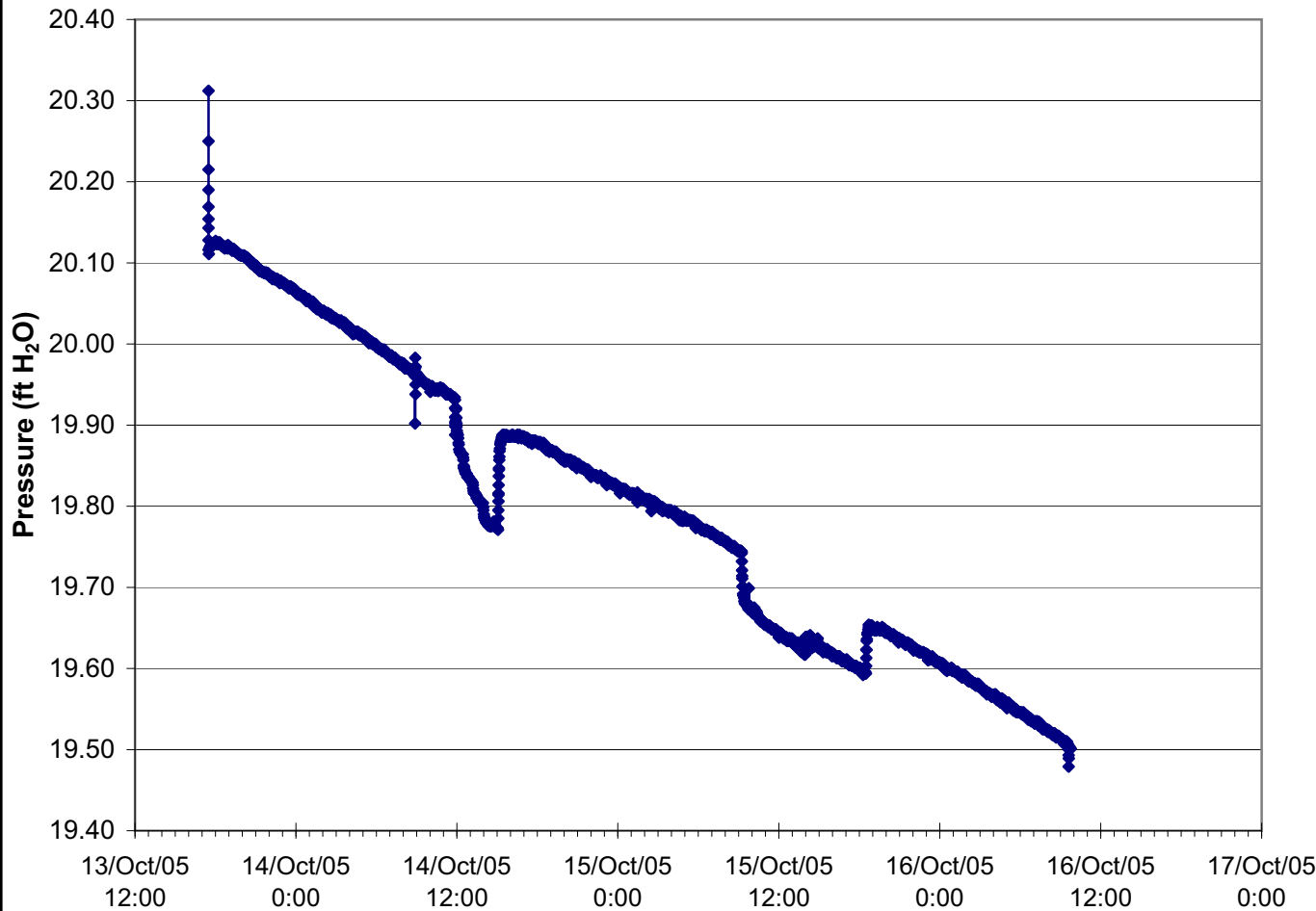
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW6 - Piezometer P-05-25



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW6
Piezometer P-05-25

Legend

—◆— P-05-25 (2008 Data Points)



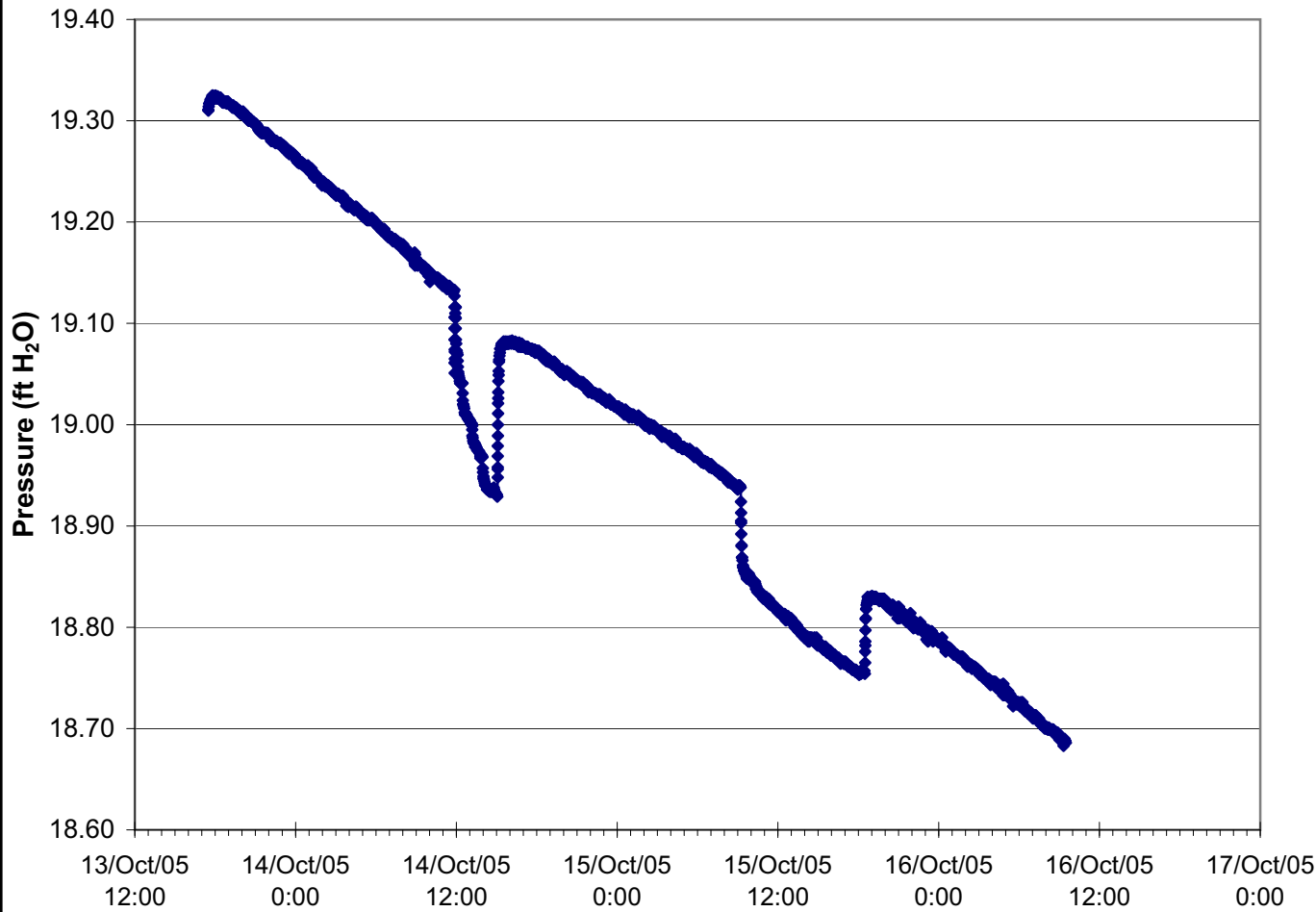
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW6 - Monitoring Well PW-5



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW6
Monitoring Well PW5

Legend

—●— PW-5 (2086 Data Points)



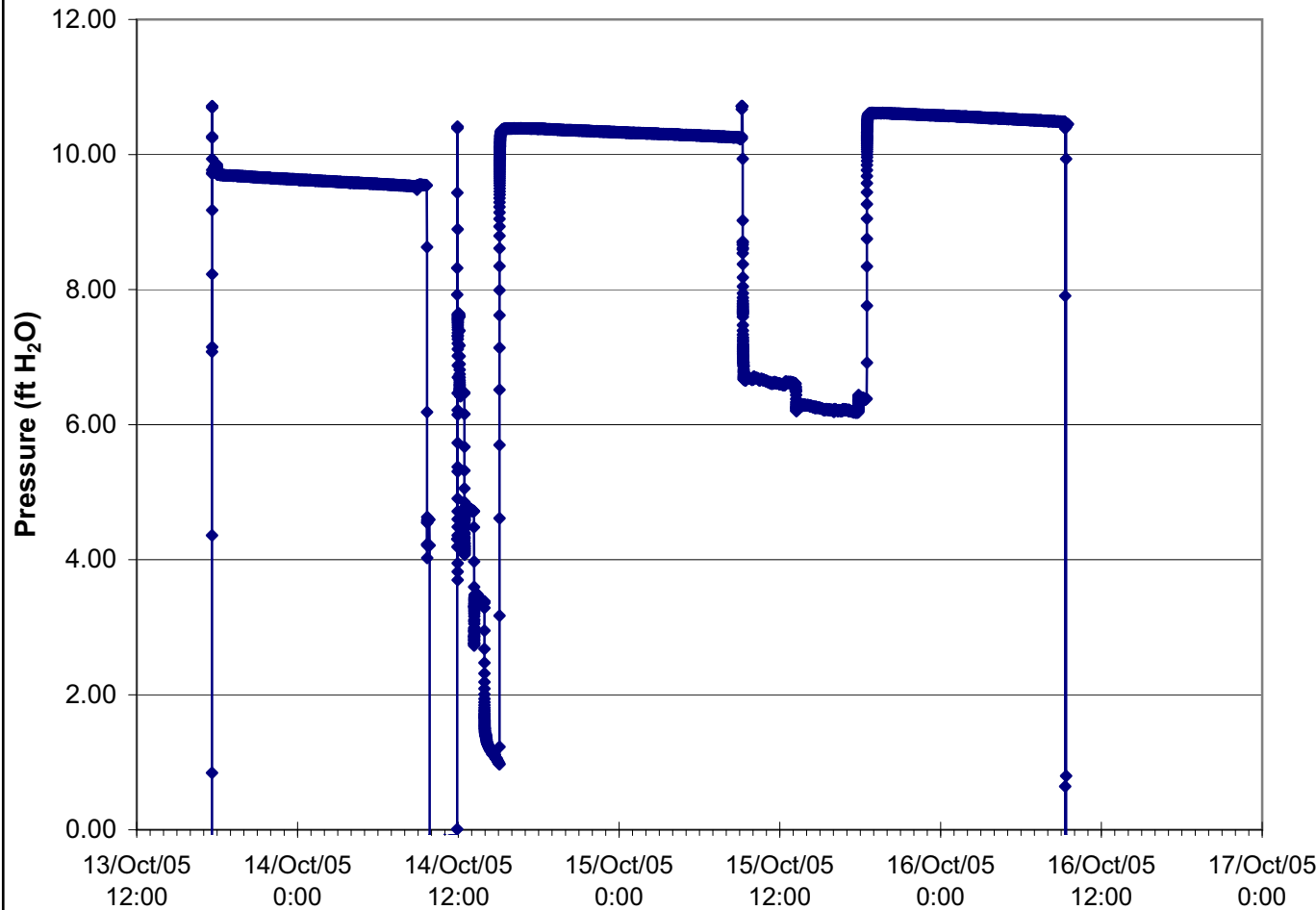
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW6 - Pumping Well PW6



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Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW6
Pumping Well PW6

Legend

—●— PW-6 (2940 Data Points)



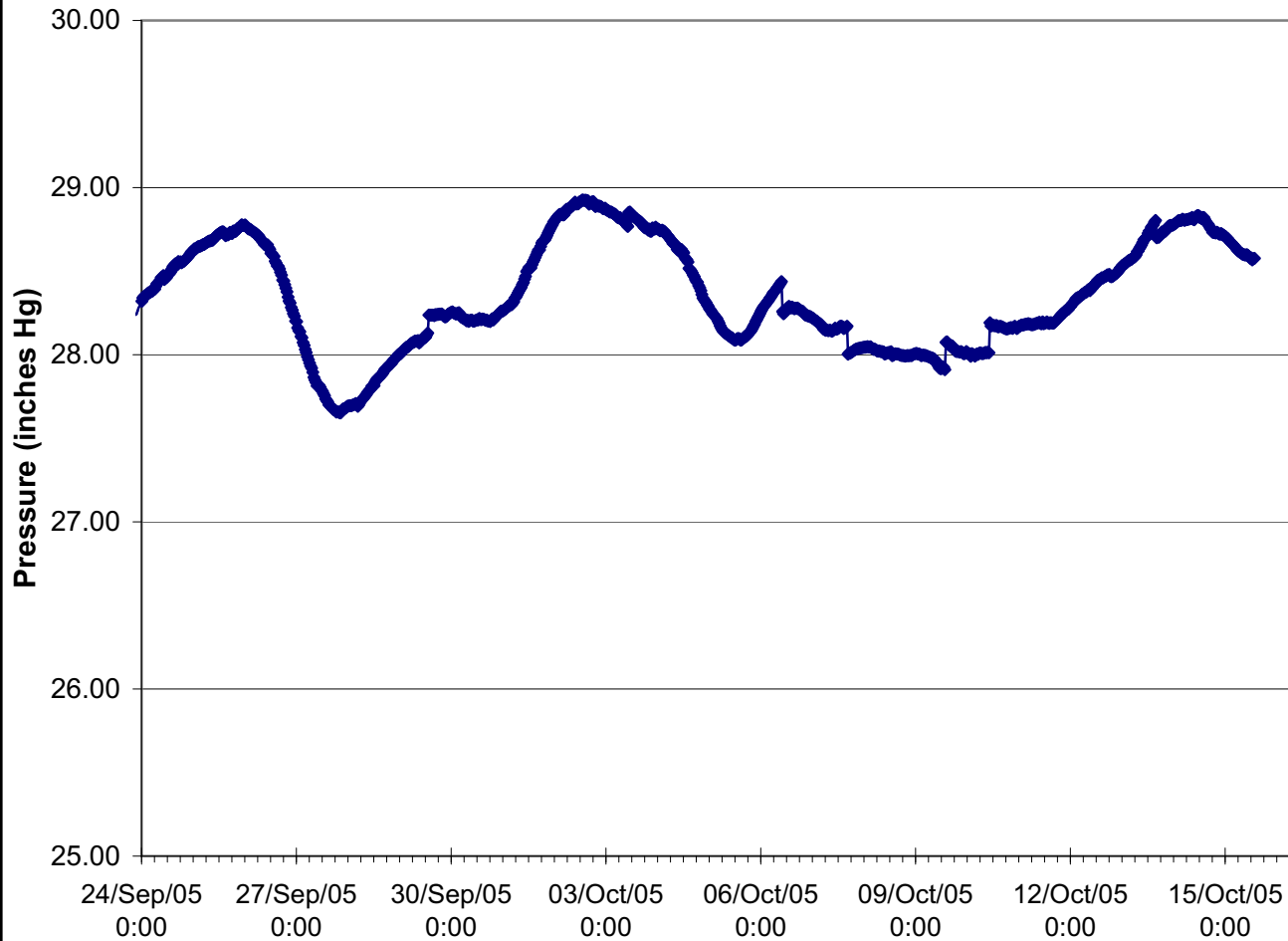
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW6 - Barometric Pressure



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW6
Barologger

Legend

—◆— Barologger (1475 Data Points)



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Date: June 16, 2008

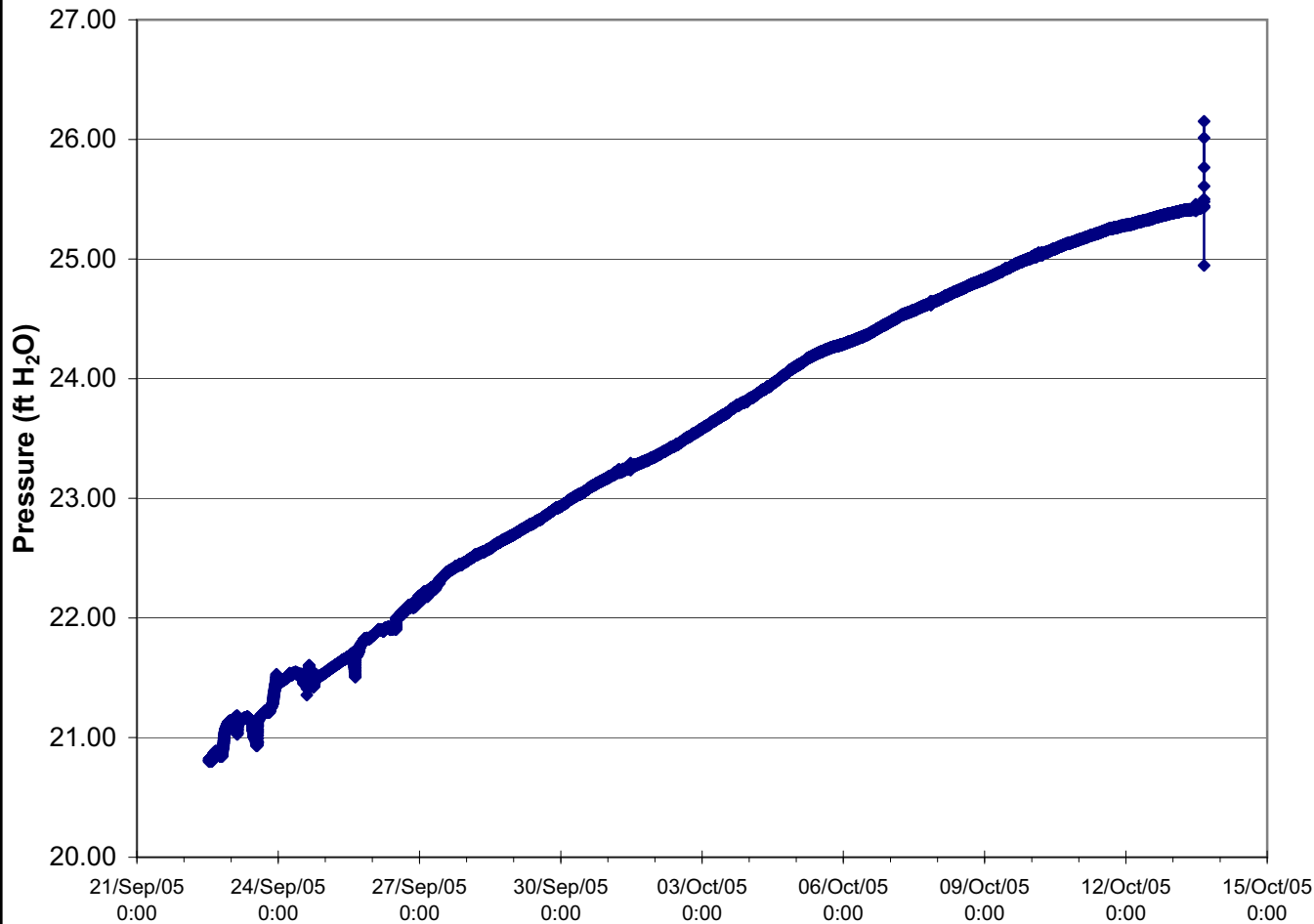
Version: 1

Author: WMC-LC

SECTION 5 – PUMPING TEST FIGURES

PUMPING TEST PW7

Pumping Test PW7 - Monitoring Well MW-3D



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW7
Monitoring Well MW-13D

Legend

—●— MW-3D (14905 Data Points)



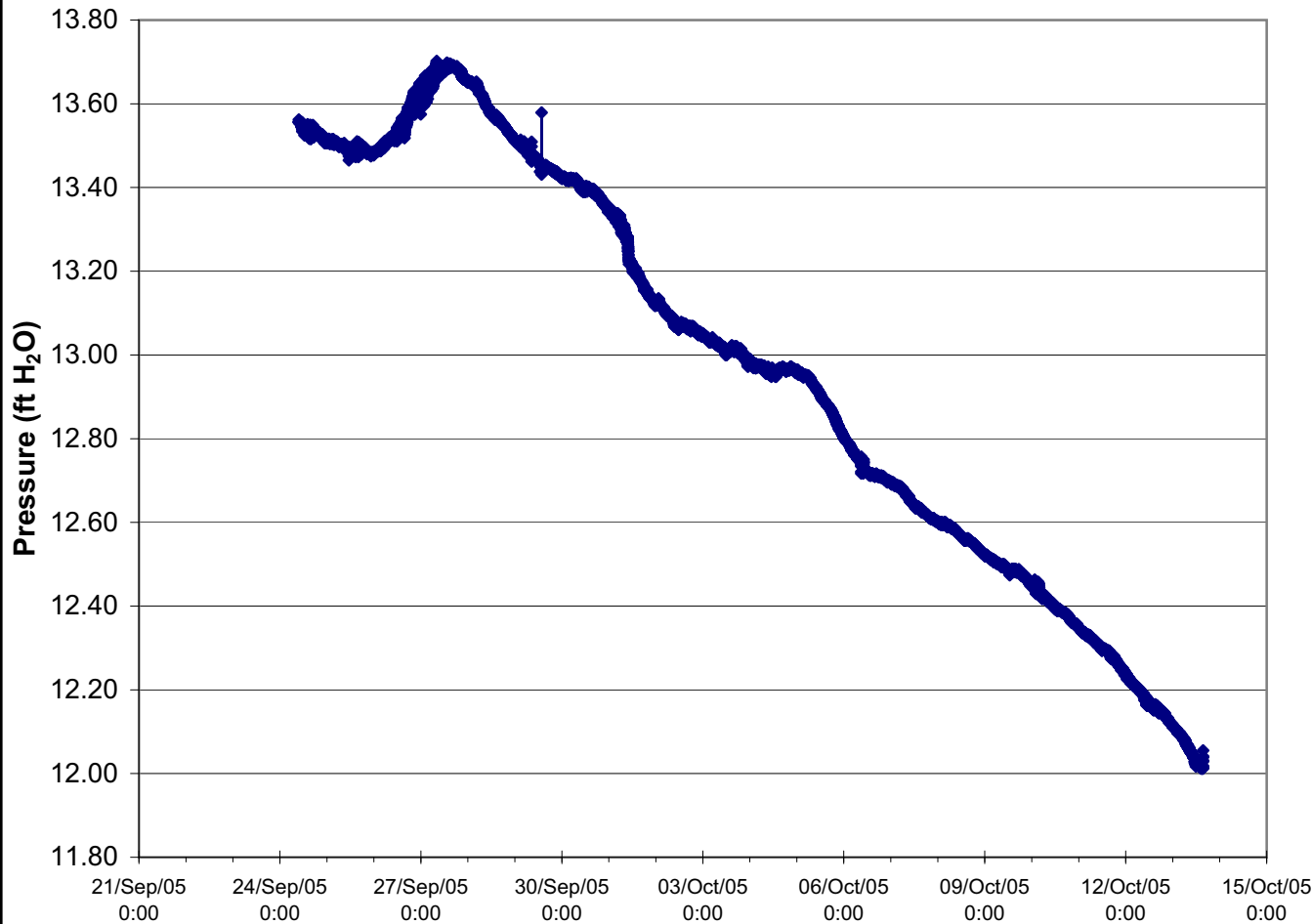
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW7 - Piezometer P-05-26S



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW7
Piezometer P-05-26S

Legend

—●— P-05-26S (15217 Data Points)



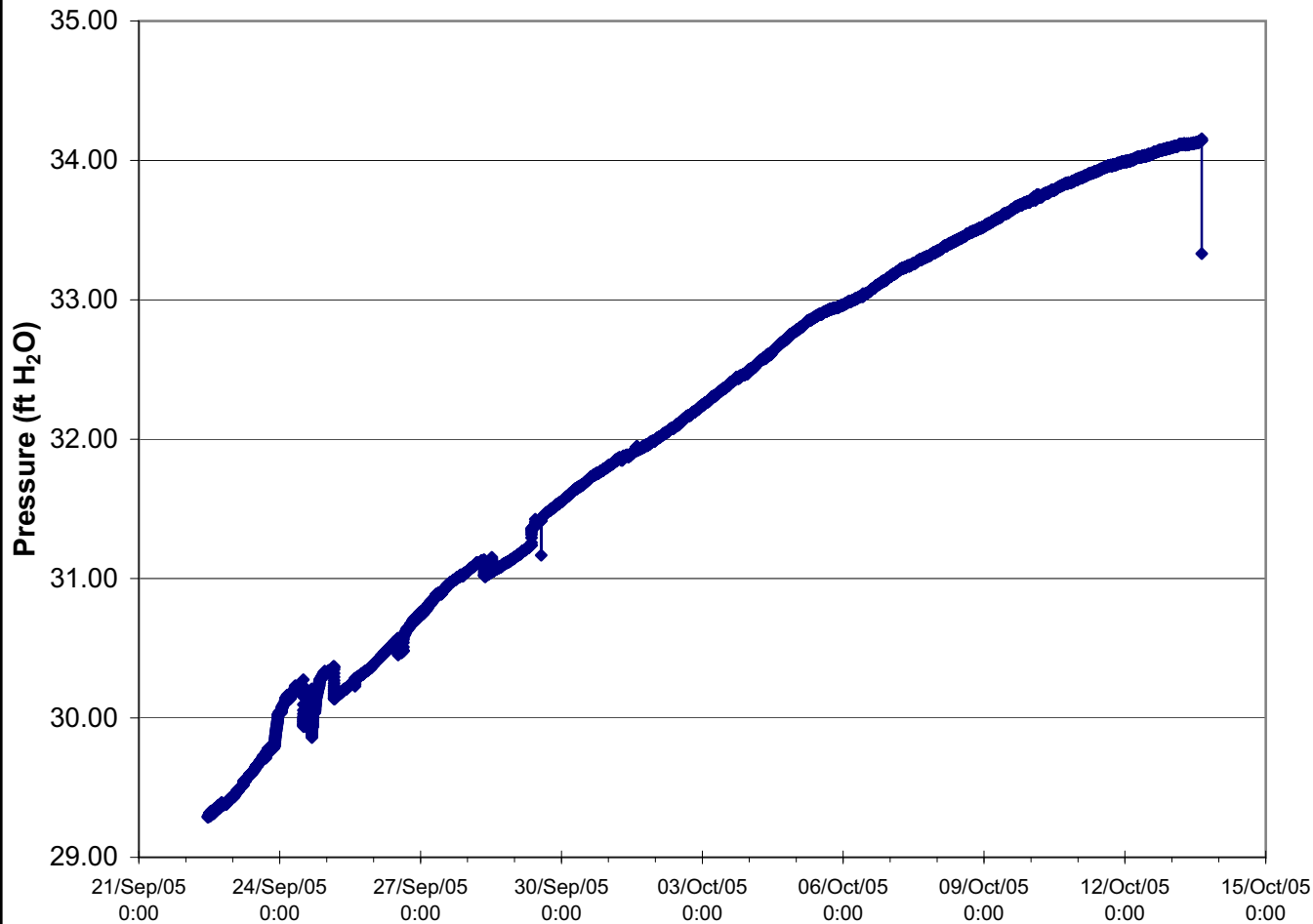
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW7 - Piezometer P-05-26D



Pre-permitting
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Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW7
Piezometer P-05-26D

Legend

—◆— P-05-26D (11184 Data Points)



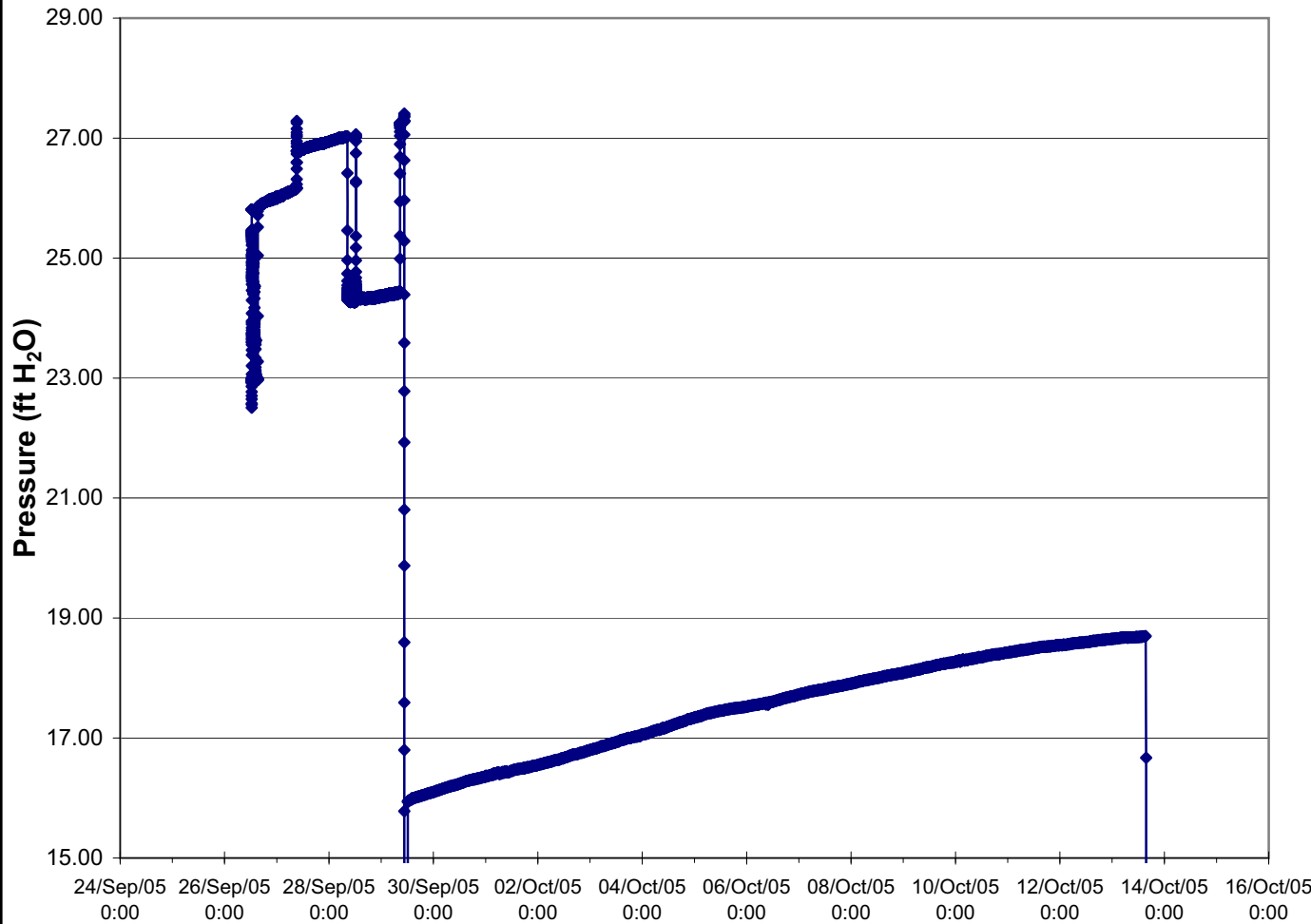
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW7 - Pumping Well PW7



Pre-permitting
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Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW7
Pumping Well PW7

Legend

◆ PW-7 (7913 Data Points)



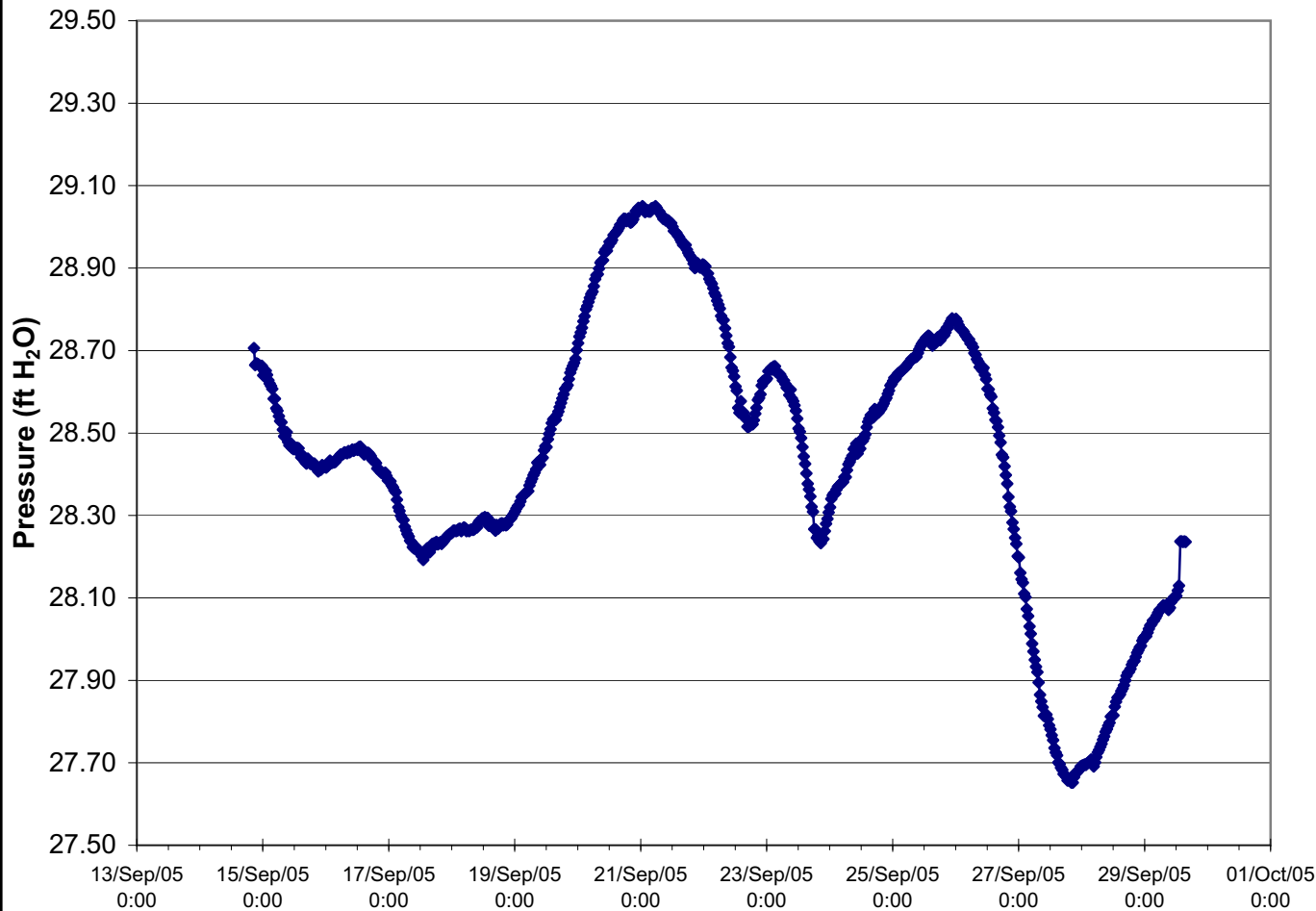
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW7 - Barometric Pressure



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW7
Barologger

Legend

◆ Barologger (711 Data Points)



Project: 7126

Date: June 16, 2008

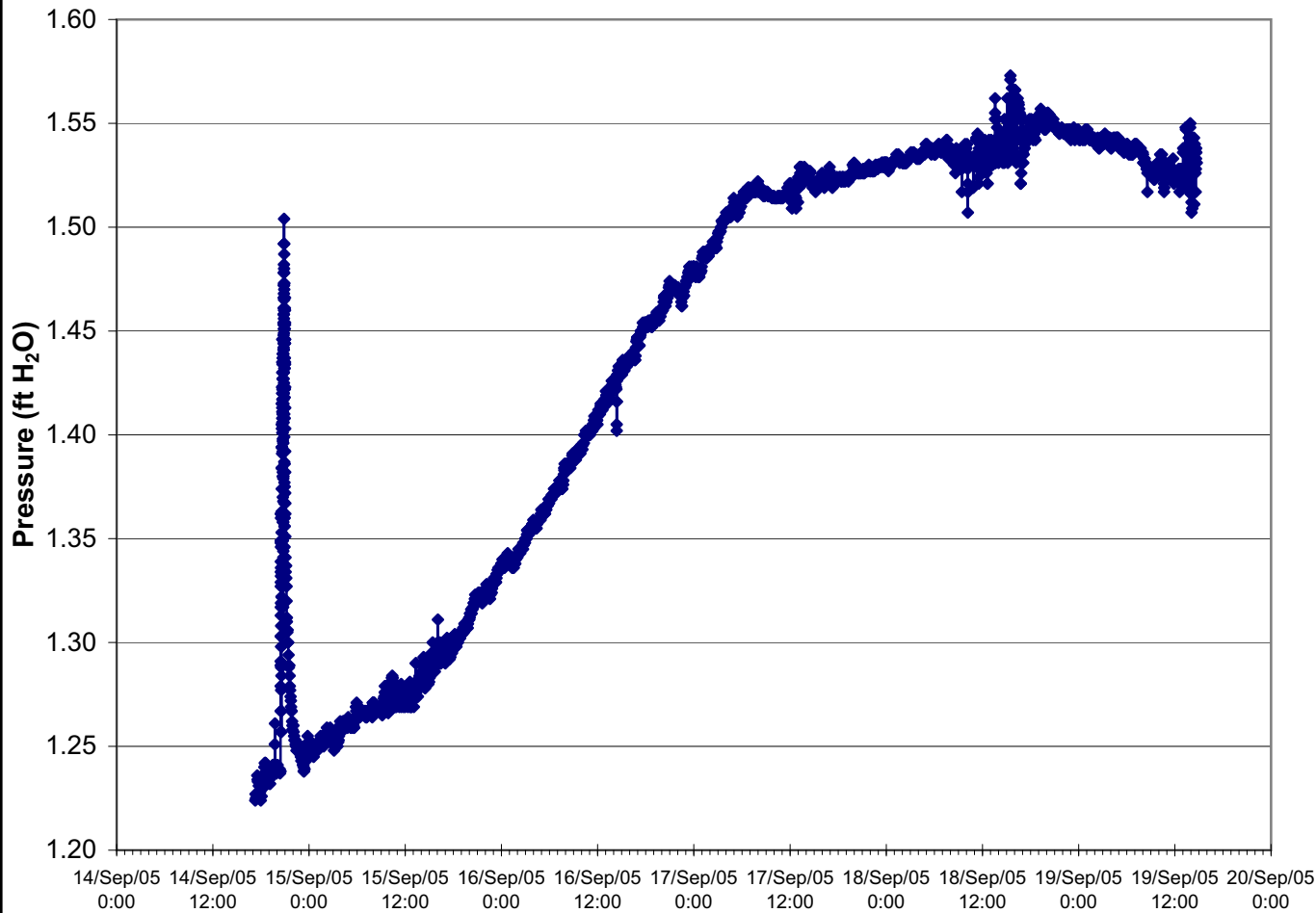
Version: 1

Author: WMC-LC

SECTION 5 – PUMPING TEST FIGURES

PUMPING TEST PW8

Pumping Test PW8 - Piezometer P-05-29S



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW8
Piezometer P-05-29S

Legend

◆ P-05-29S (2809 Data Points)



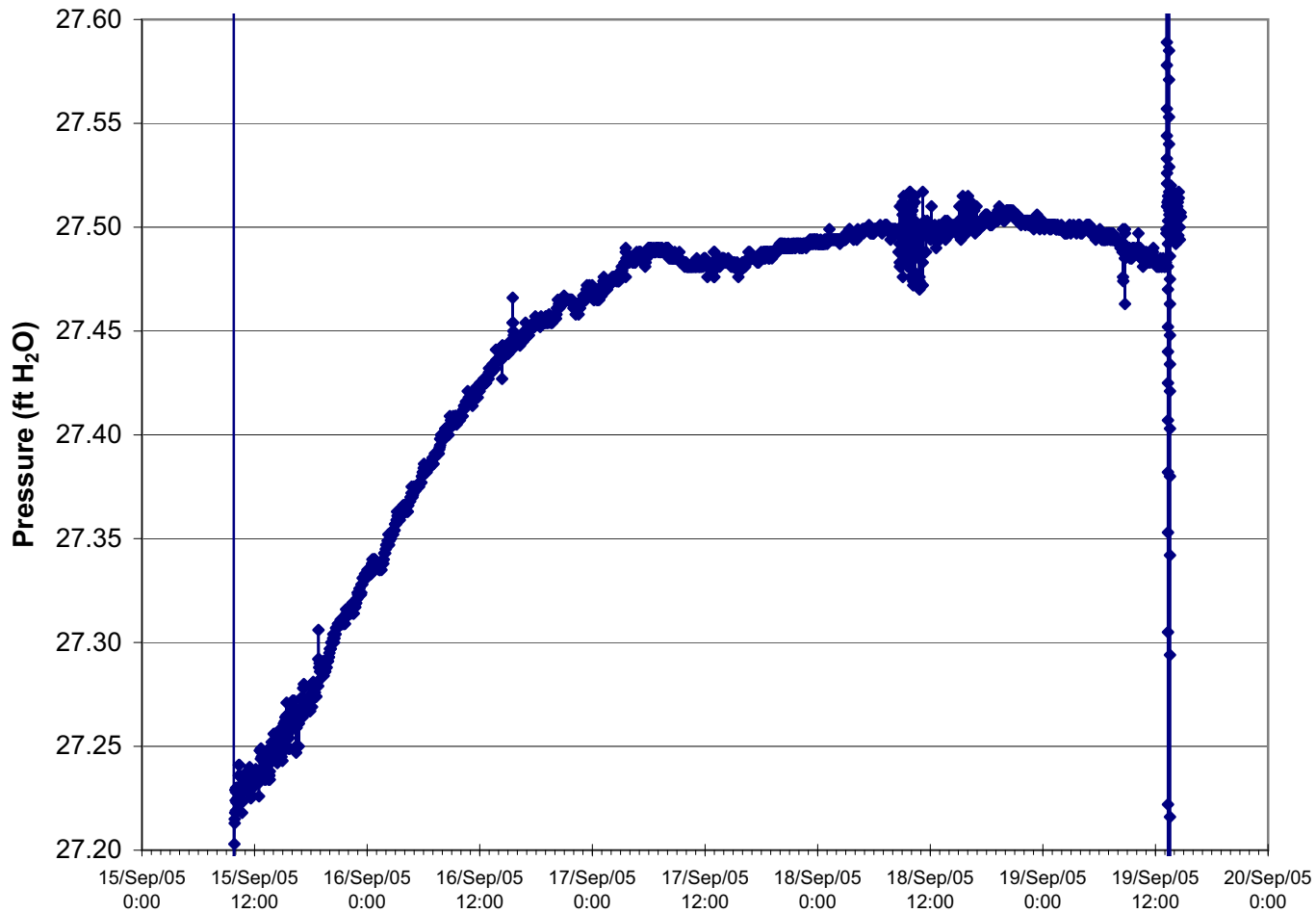
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW8 - Piezometer P-05-29M



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW8
Piezometer P-05-29M

Legend

◆ P-05-29M (2397 Data Points)



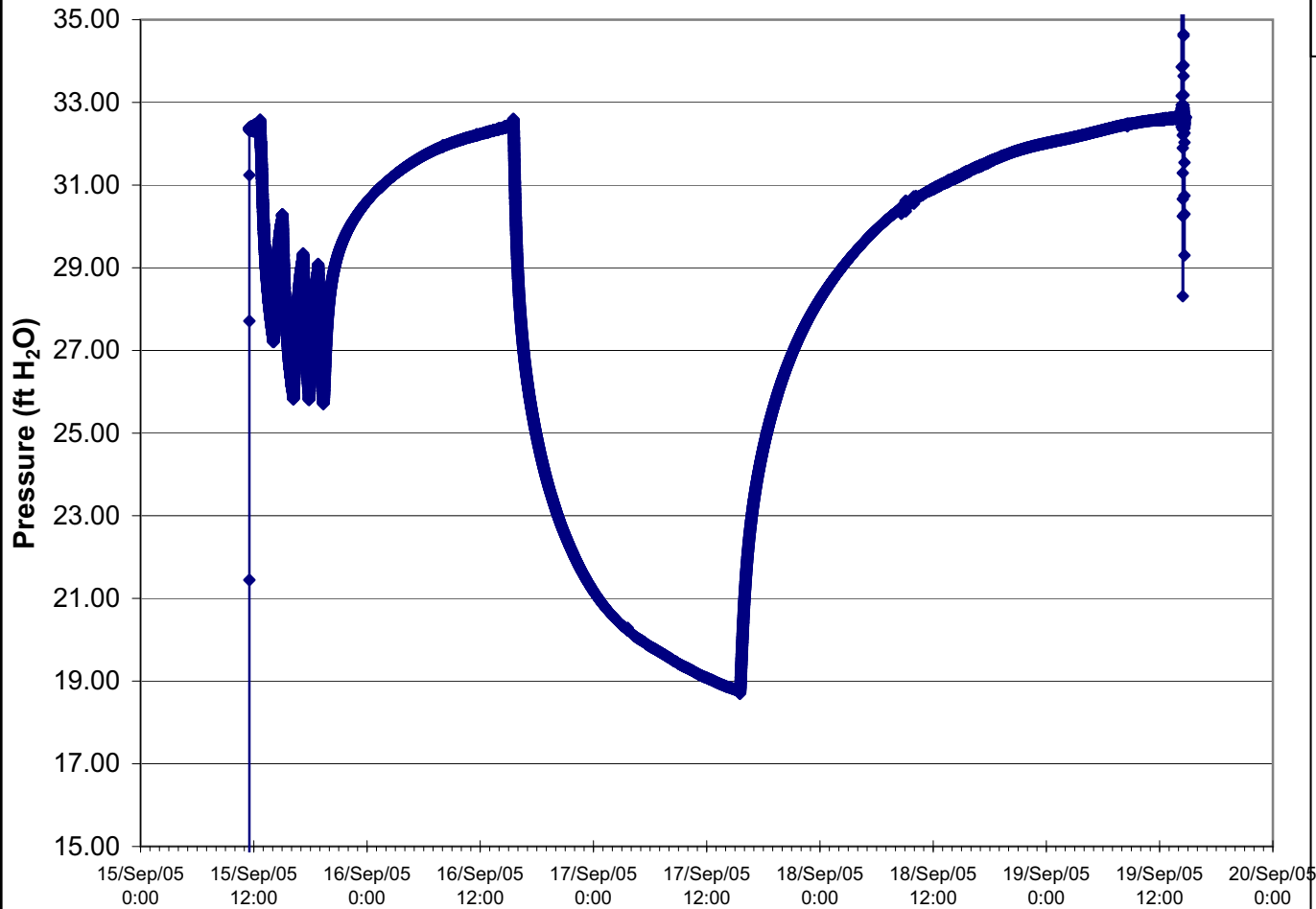
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW8 - Piezometer P-05-29D



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW8
Piezometer P-05-29D

Legend

◆ P-05-29D (11344 Data Points)



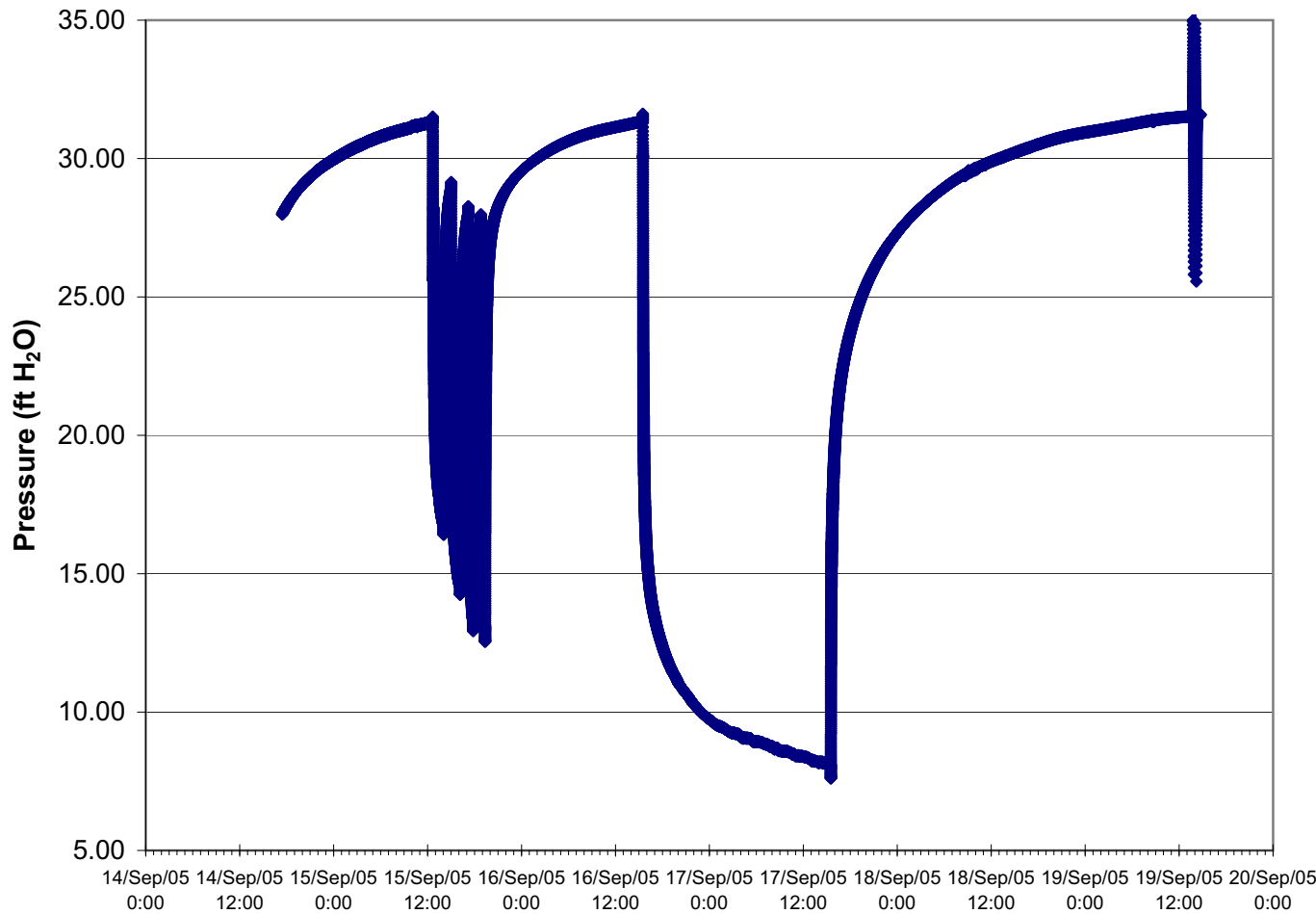
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW8 - Piezometer P-05-29D2



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW8
Piezometer P-05-29D2

Legend

◆ P-05-29D2 (15701 Data Points)



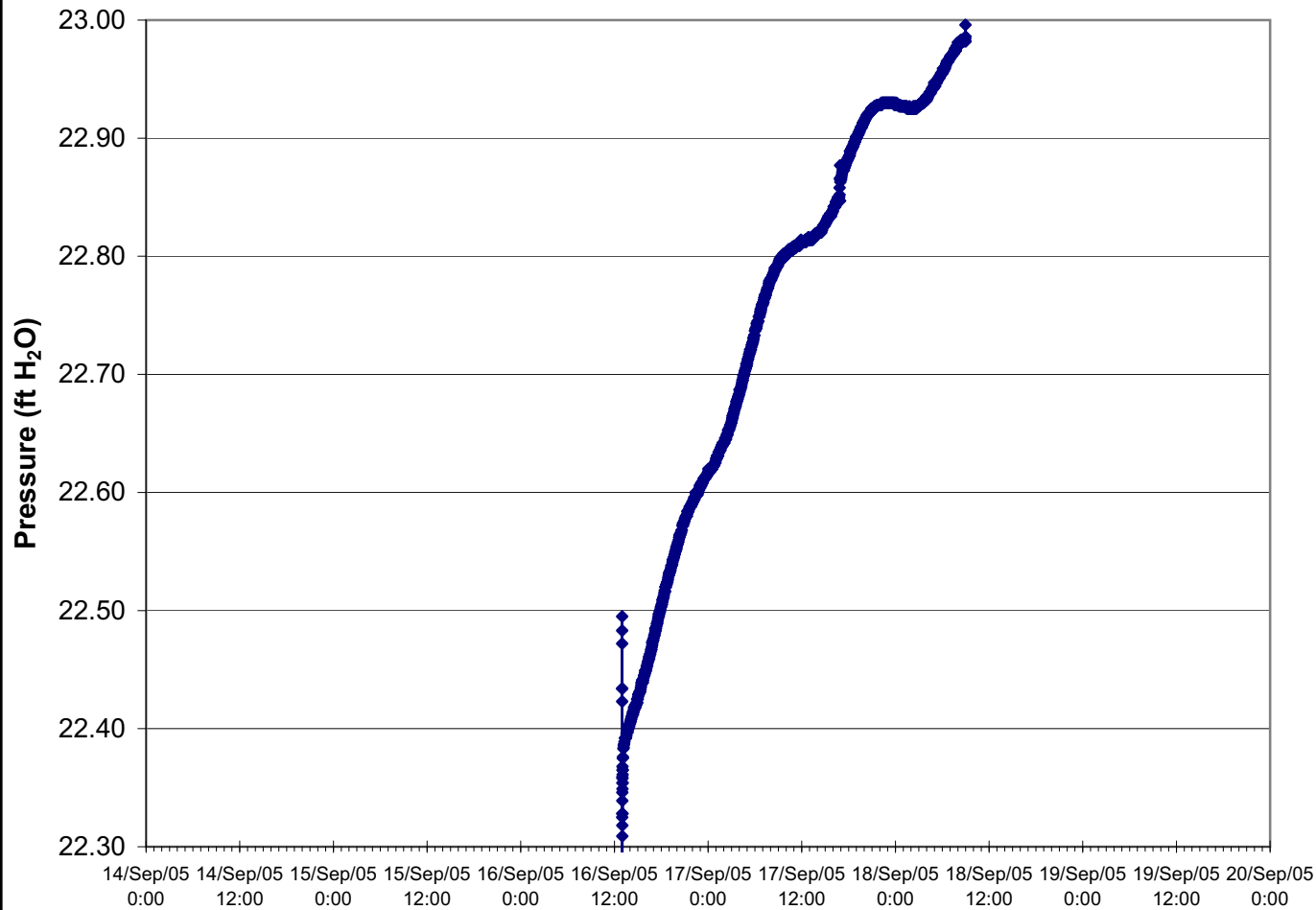
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW8 - Piezometer P-2D



Pre-permitting
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Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW8
Piezometer P-2D

Legend

—◆— P-2D (1023 Data Points)



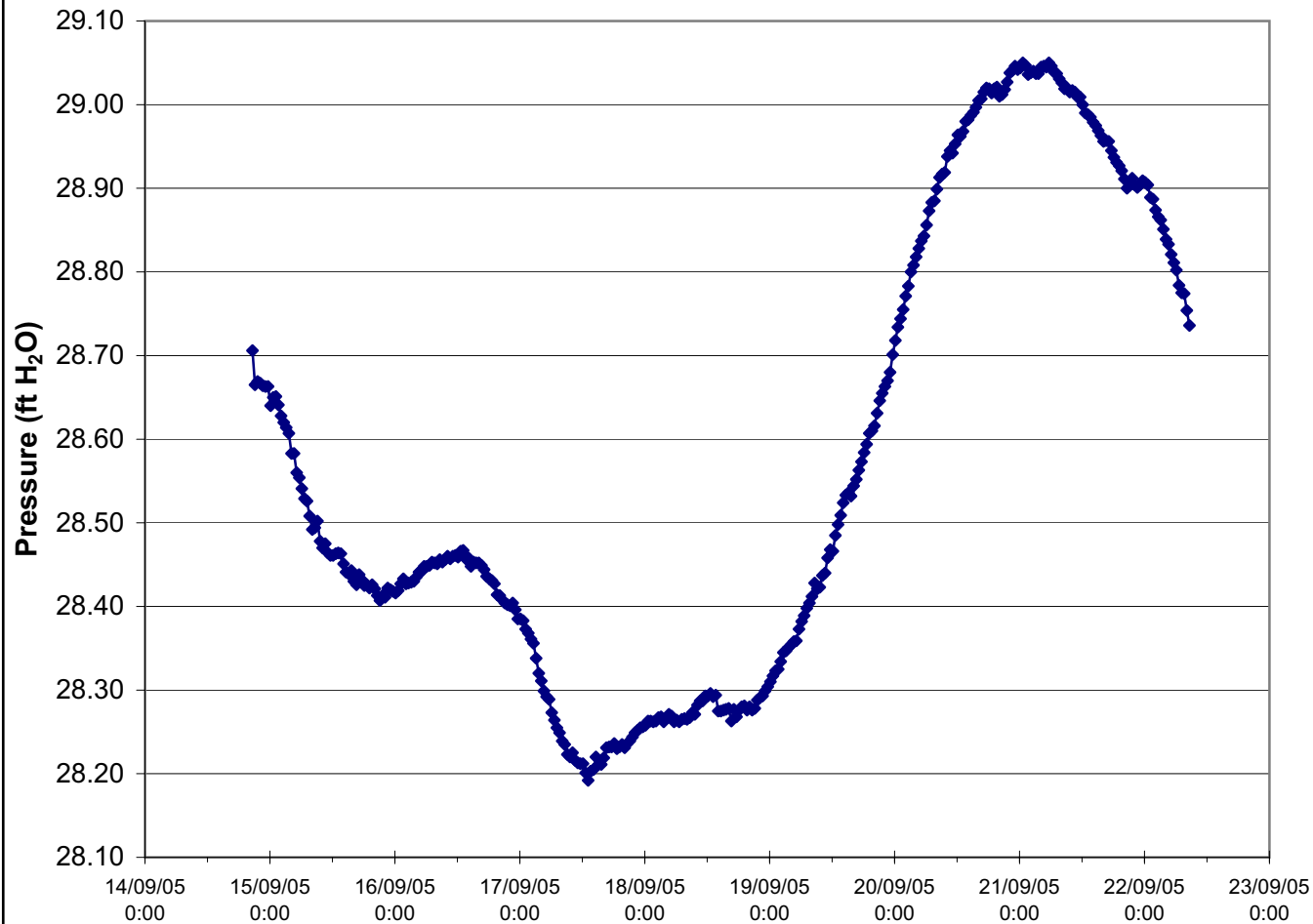
Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC

Pumping Test PW8 - Barometric Pressure



Pre-permitting
Environmental/Socioeconomic
Data Report Series

Report Series D:
Groundwater Hydrology

Section 5 - Pumping Tests:
Pumping Well PW8
Barologger

Legend

◆ Barologger (361 Data Points)



Project: 7126

Date: June 16, 2008

Version: 1

Author: WMC-LC