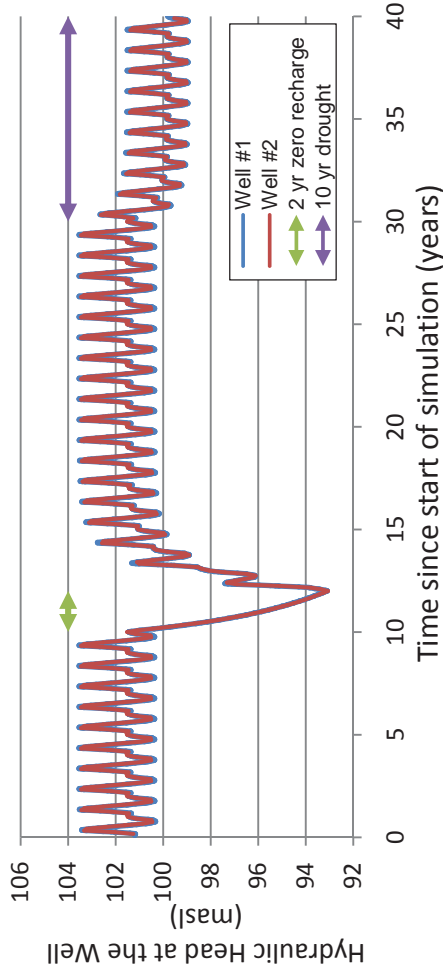
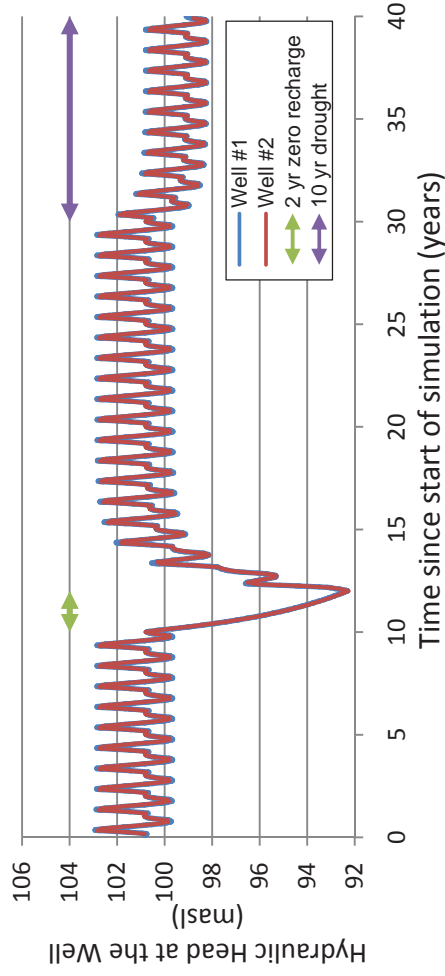


a) Hydraulic Head at Well during Transient Simulation – Current Pumping Rate



b) Hydraulic Head at Well during Transient Simulation – Projected Pumping Rate



Simulated Hydraulic Head in Transient Simulations

Catarqui Source Protection Region Lansdowne WHPA & Tier 2 WB Study

Prepared by: NMP

Reviewed by: ACW

Doc. No: 09-205_Lansdowne Tier 2 WB and WHPA_ModellingFigures

Date: Mar 24, 2011

Figure 7-1



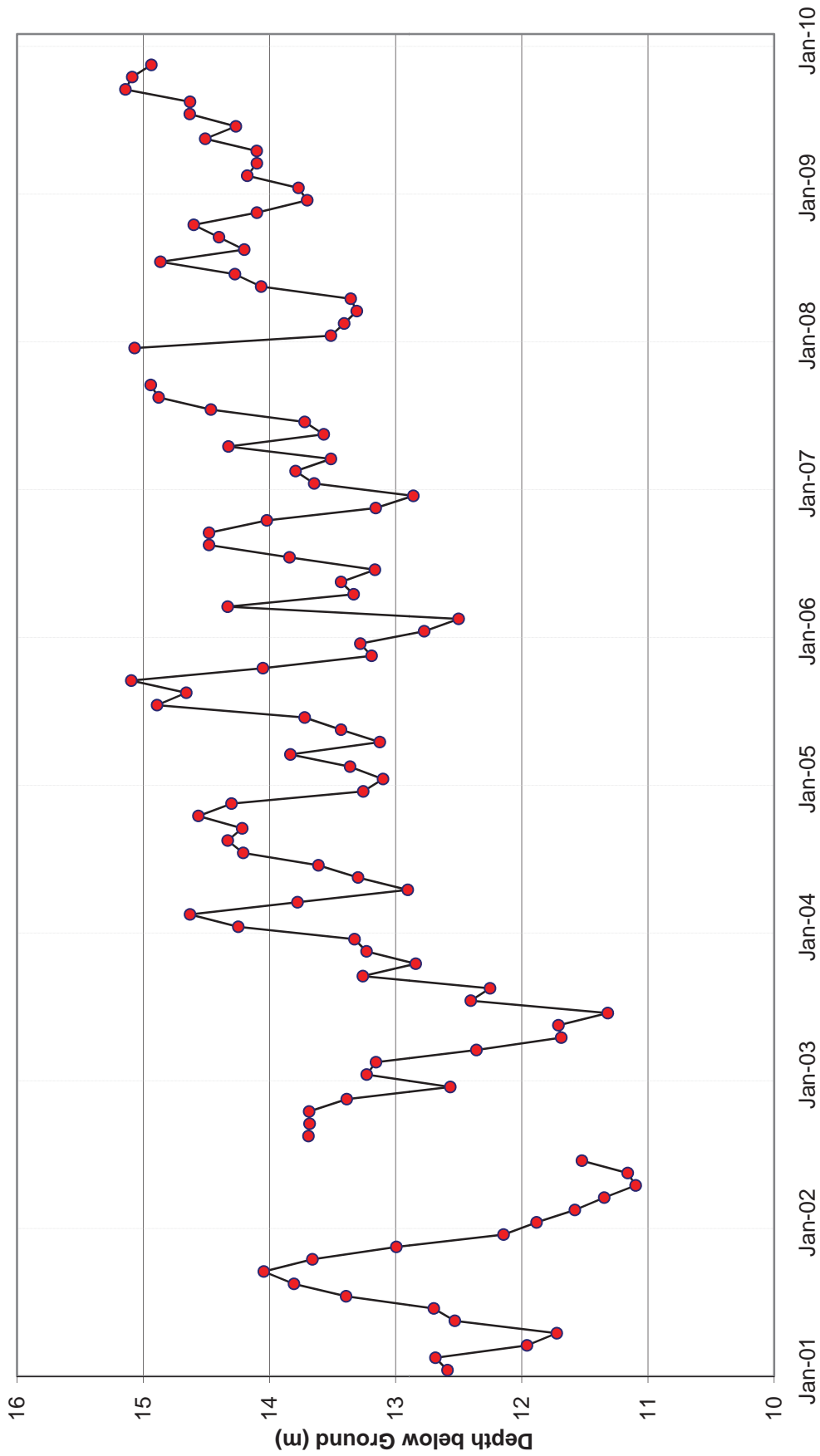
**Lansdowne Average Annual Municipal Water Use (1998-2008)
 Catarqui Source Protection Region Lansdowne WHPA & Tier 2 WB Study**

Doc. No: 09-205_CRCA-Lansdowne WHPA & Tier 2 WB\WB Data
 \Stress Assessment_R0F.xlsx

Prepared by: NMP
 Reviewed by: ACW
 Date: Mar 29, 2011



Figure 7-2



Month

Depth to Groundwater in Lansdowne Municipal Well 1 (2001-2010)
 Cataraqui Source Protection Region Lansdowne WHPA & Tier 2 WB Study

Prepared by: NMP

Reviewed by: ACW

Date: Mar 29, 2011

Doc. No: -205_CRCA-Lansdowne WHPA & Tier 2 WB\Reports
 \Revised Figures\Figure 7-3.xls

Figure 7-3

