

Data Source: Reference 2.4.12-C-7

Figure 2.4.12-C-1 Regional Potentiometric Surface Map

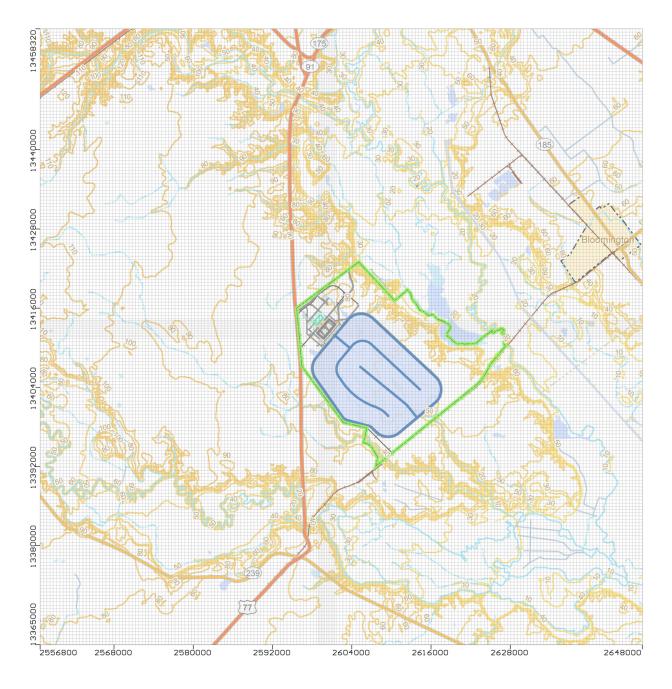


Figure 2.4.12-C-2 Plan View of Model Grid

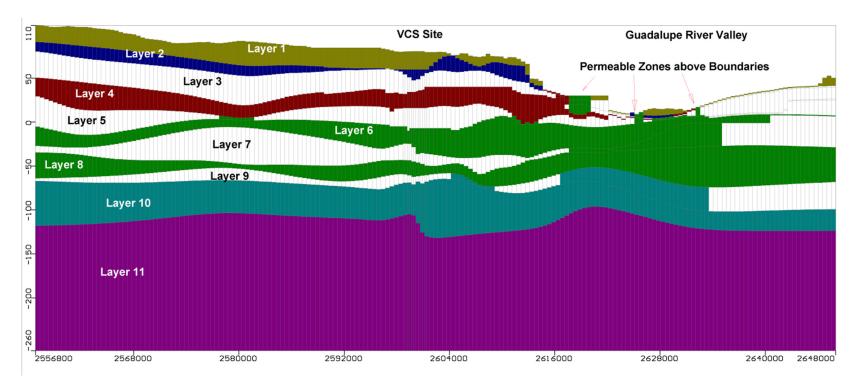
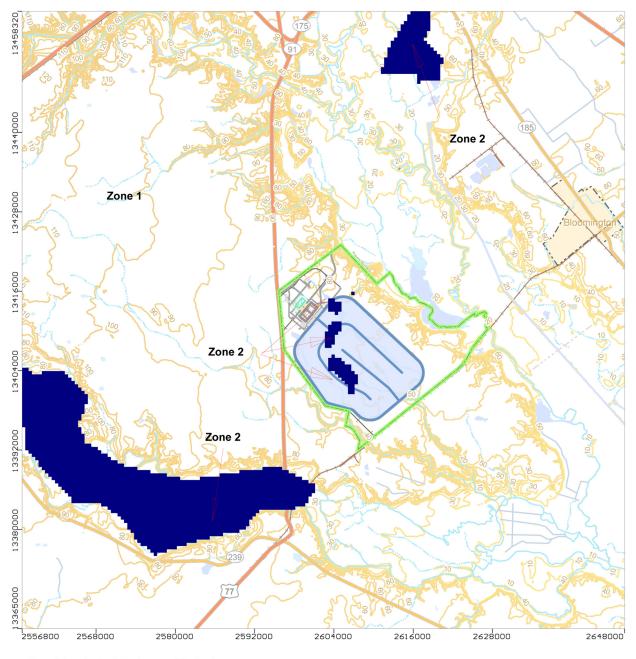


Figure 2.4.12-C-3 Cross-Section of Model Grid (Model Row 92)

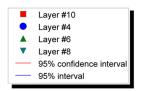
2.4.12-C-45 Revision 0

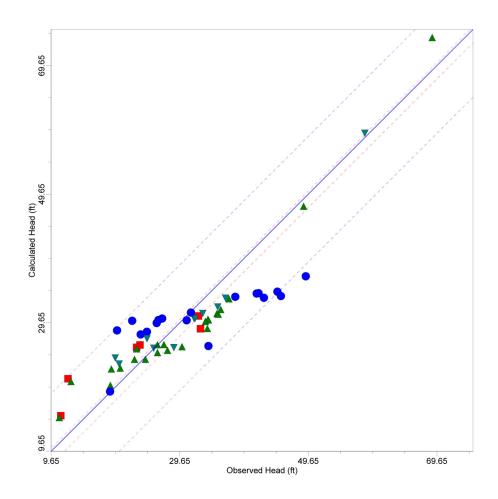


Zone 1 (no shading) Recharge = 0 inches/year Zone 2 (blue shading) Recharge = 0.4 inches/year

Figure 2.4.12-C-4 Recharge Zones in Pre-Construction Model

Calculated vs. Observed Head: Steady state

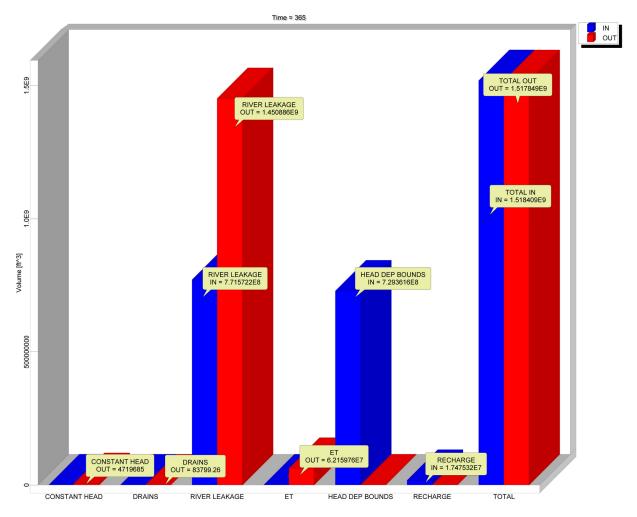




Max. Residual: -12.391 (ft) at OW-2301U/1 Min. Residual: 0.041 (ft) at OW-06L/1 Residual Mean: -0.795 (ft) Abs. Residual Mean: 3.954 (ft) Num. of Data Points : 58 Standard Error of the Estimate : 0.64 (ft) Root Mean Squared : 4.9 (ft) Normalized RMS : 8.449 (%) Correlation Coefficient : 0.901

Figure 2.4.12-C-5 Model Calibration Statistics

2.4.12-C-47 Revision 0



Volume is in ft³

Figure 2.4.12-C-6 Mass Balance after Calibration

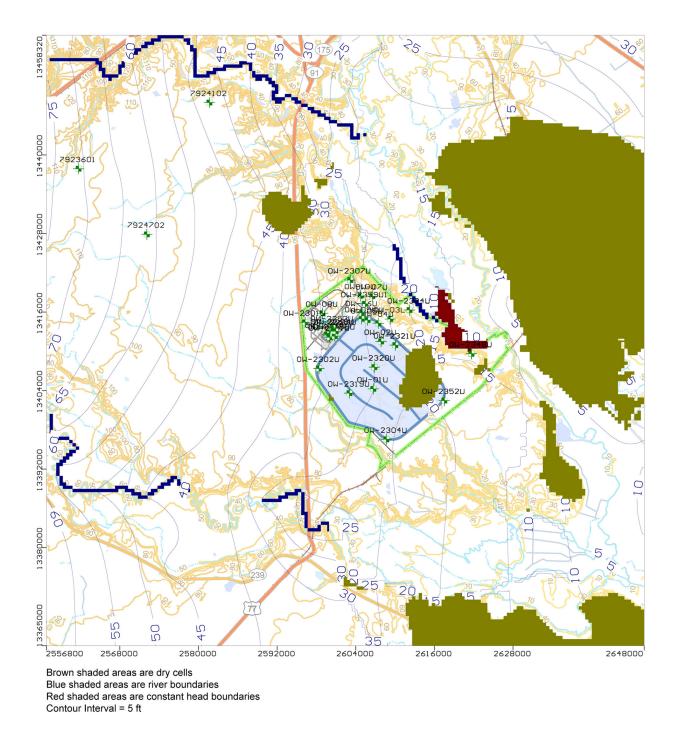


Figure 2.4.12-C-7 Simulated Potentiometric Surface in Upper Shallow Aquifer in Model Layer 4

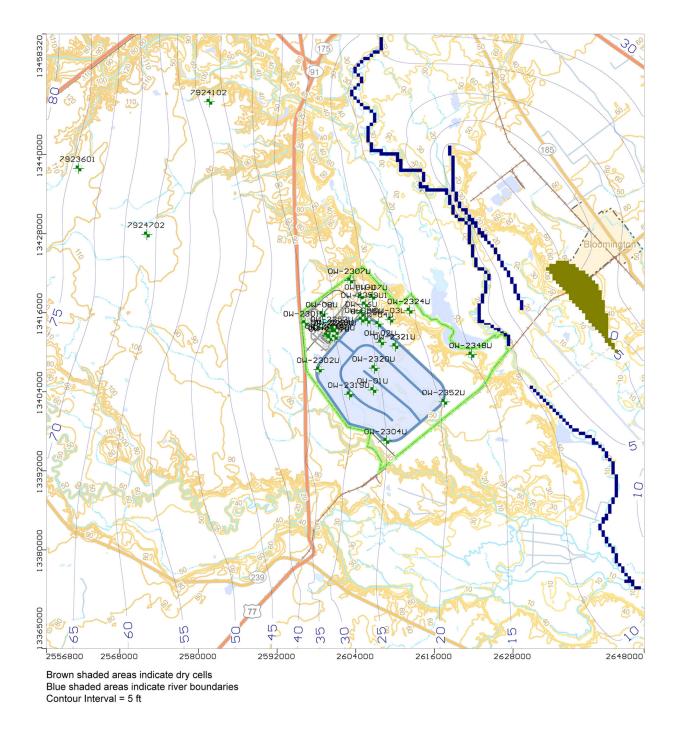


Figure 2.4.12-C-8 Simulated Potentiometric Surface in Lower Shallow Aquifer in Model Layer 6

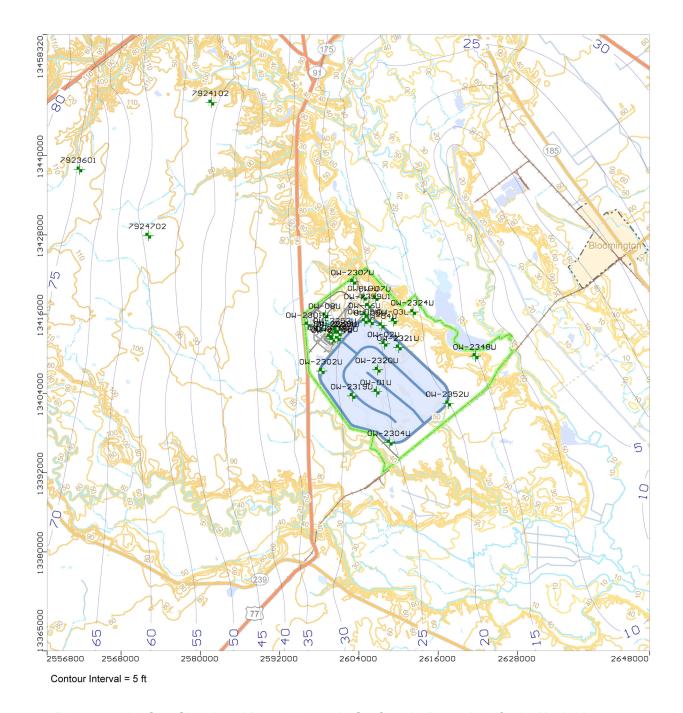


Figure 2.4.12-C-9 Simulated Potentiometric Surface in Deep Aquifer in Model Layer 8

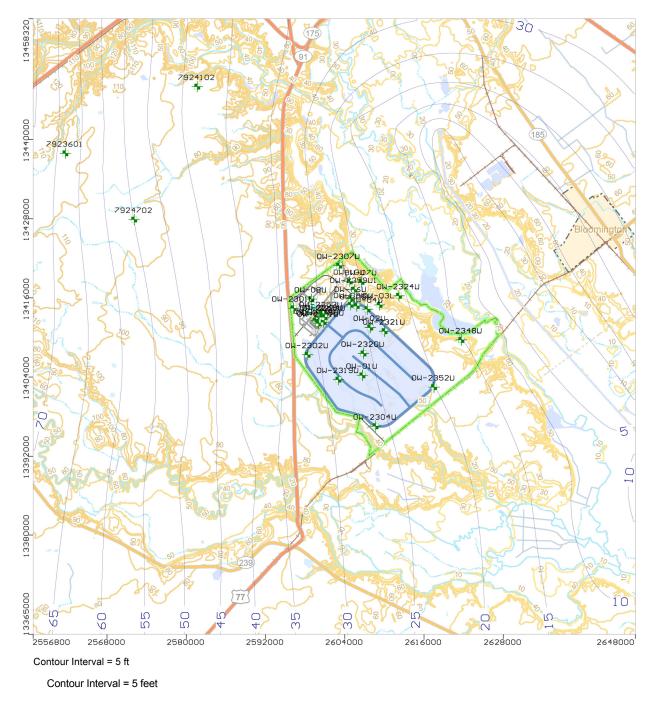
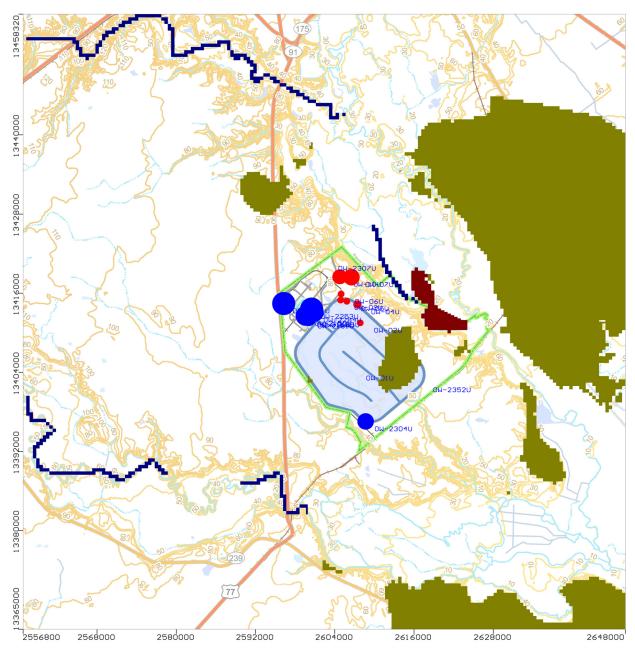


Figure 2.4.12-C-10 Simulated Potentiometric Surface in Deep Aquifer in Model Layer 10



Brown shaded areas are dry cells
Blue shaded areas are river boundaries
Red shaded areas are constant head boundaries
Red bubbles indicate a positive residual
Blue bubbles indicate a negative residual
The size of the bubble indicates the magnitude of the residual

Figure 2.4.12-C-11 Model Layer 4 Calibration Residuals

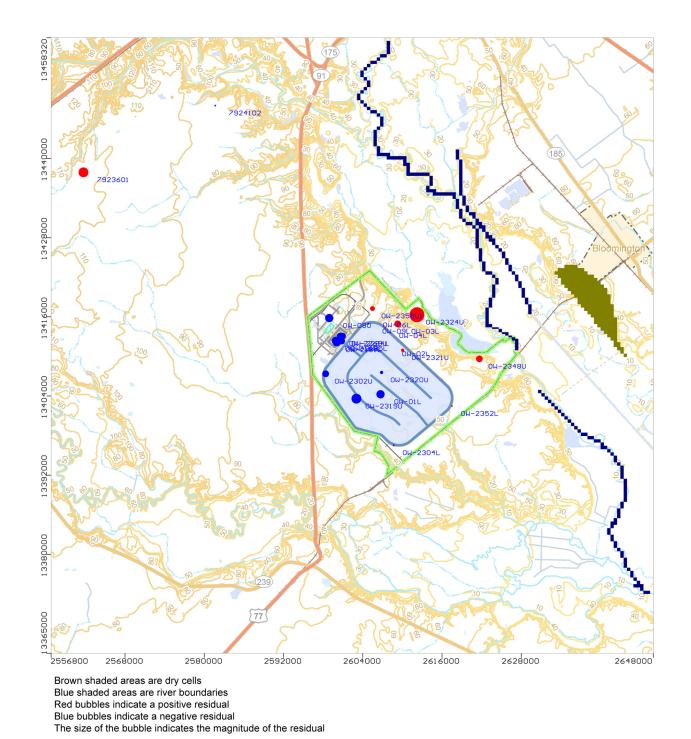


Figure 2.4.12-C-12 Model Layer 6 Calibration Residuals

2.4.12-C-54 Revision 0

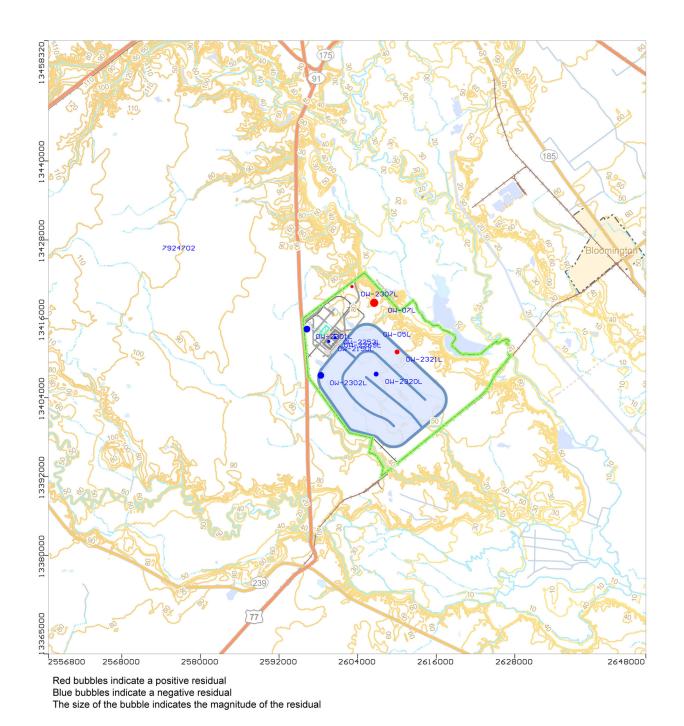
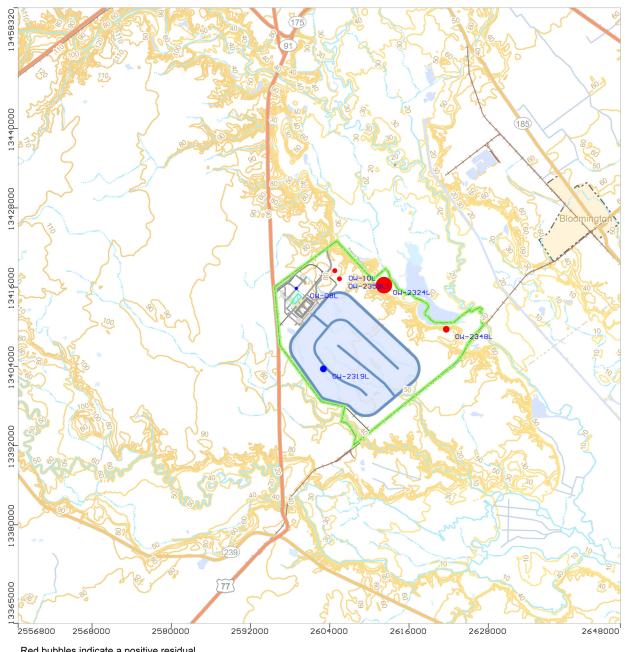


Figure 2.4.12-C-13 Model Layer 8 Calibration Residuals



Red bubbles indicate a positive residual Blue bubbles indicate a negative residual
The size of the bubble indicates the magnitude of the residual

Figure 2.4.12-C-14 Model Layer 10 Calibration Residuals

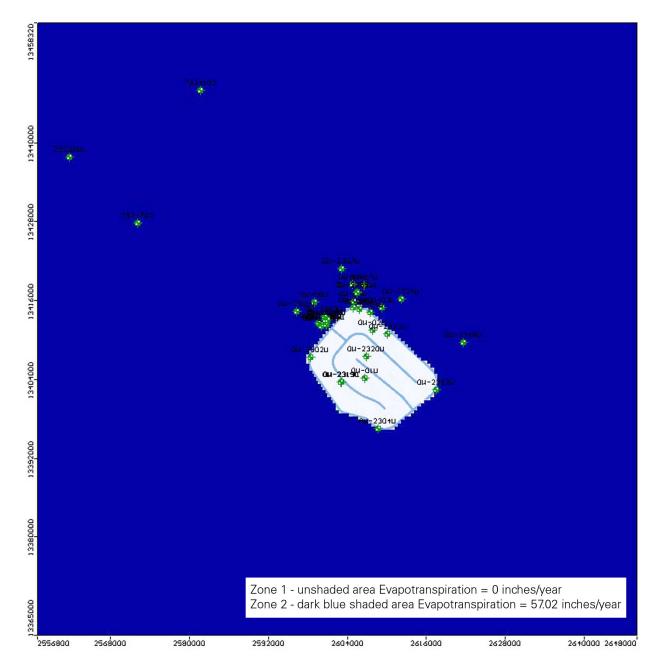


Figure 2.4.12-C-15 Evapotranspiration Zones in Post-Construction Model Layer 1