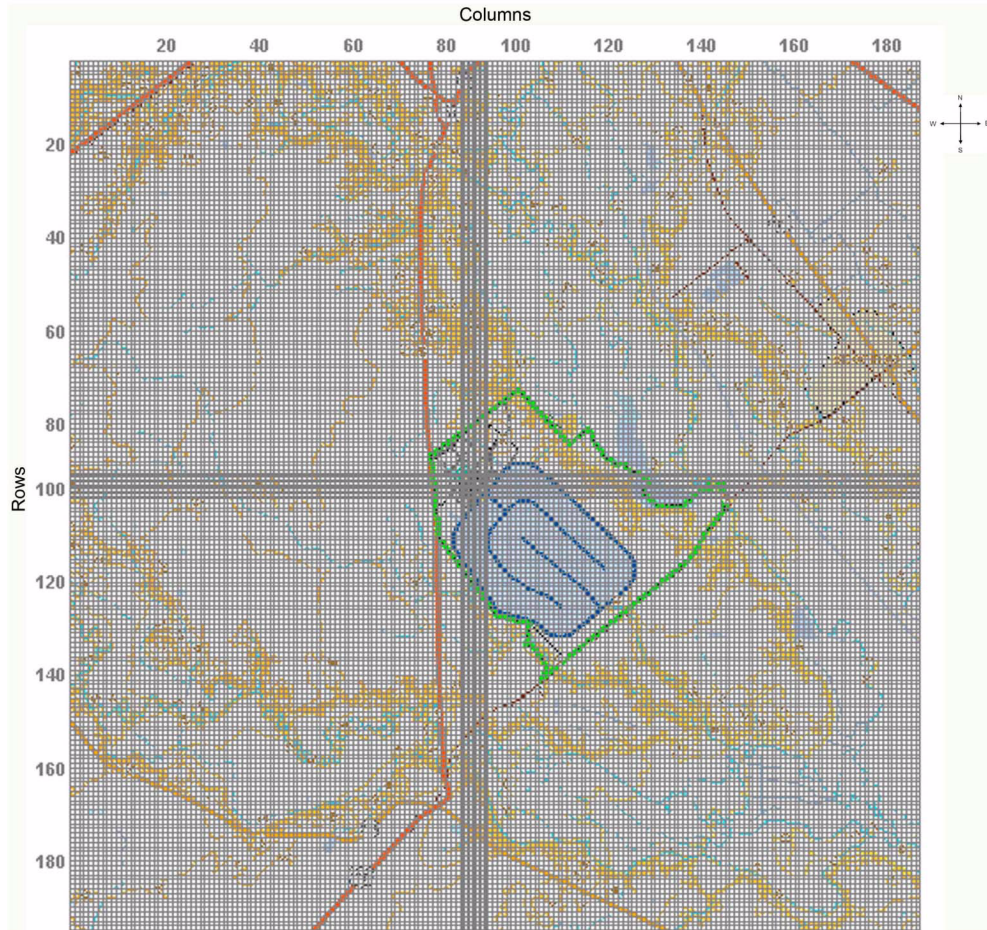


Data Source: [Reference 2.4.12-C-7](#)

**Figure 2.4.12-C-1 Regional Potentiometric Surface Map**



**Figure 2.4.12-C-2 Plan View of Model Grid**

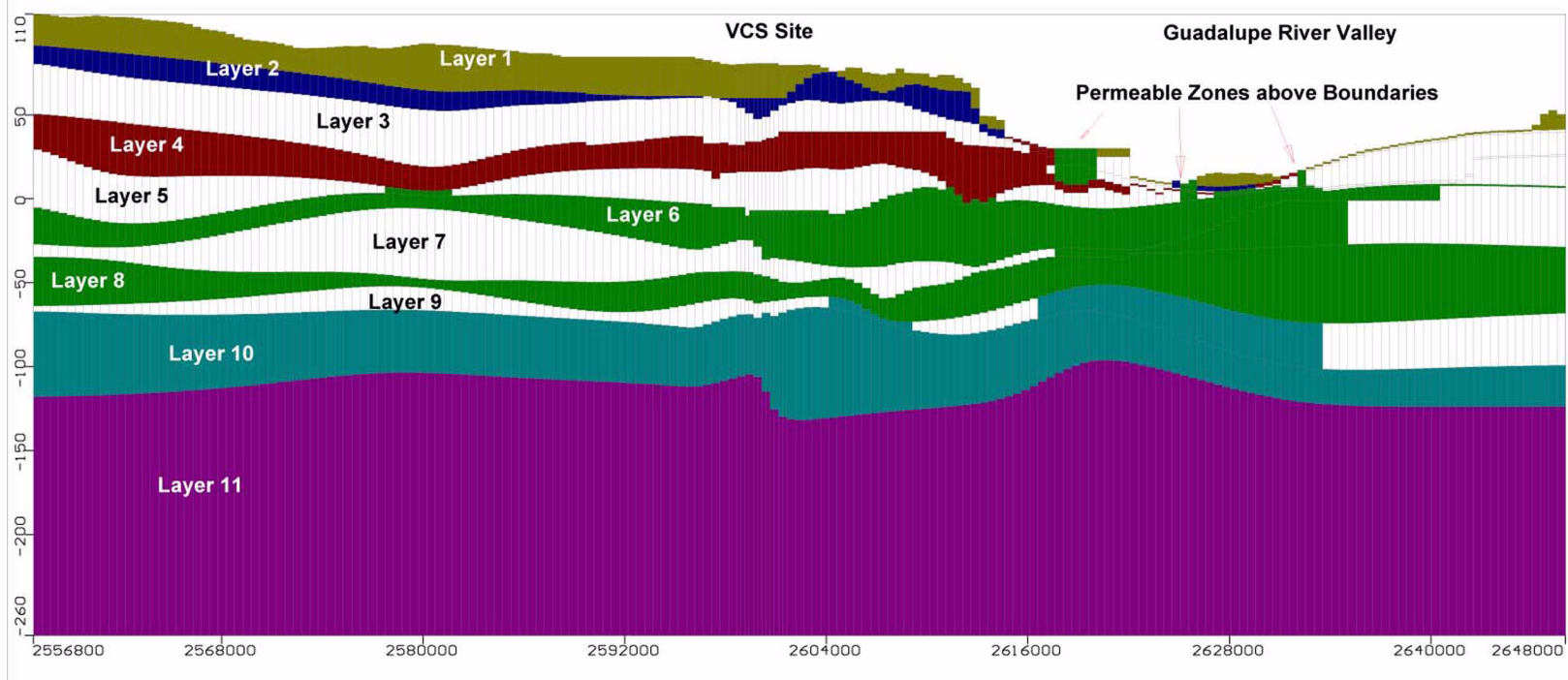
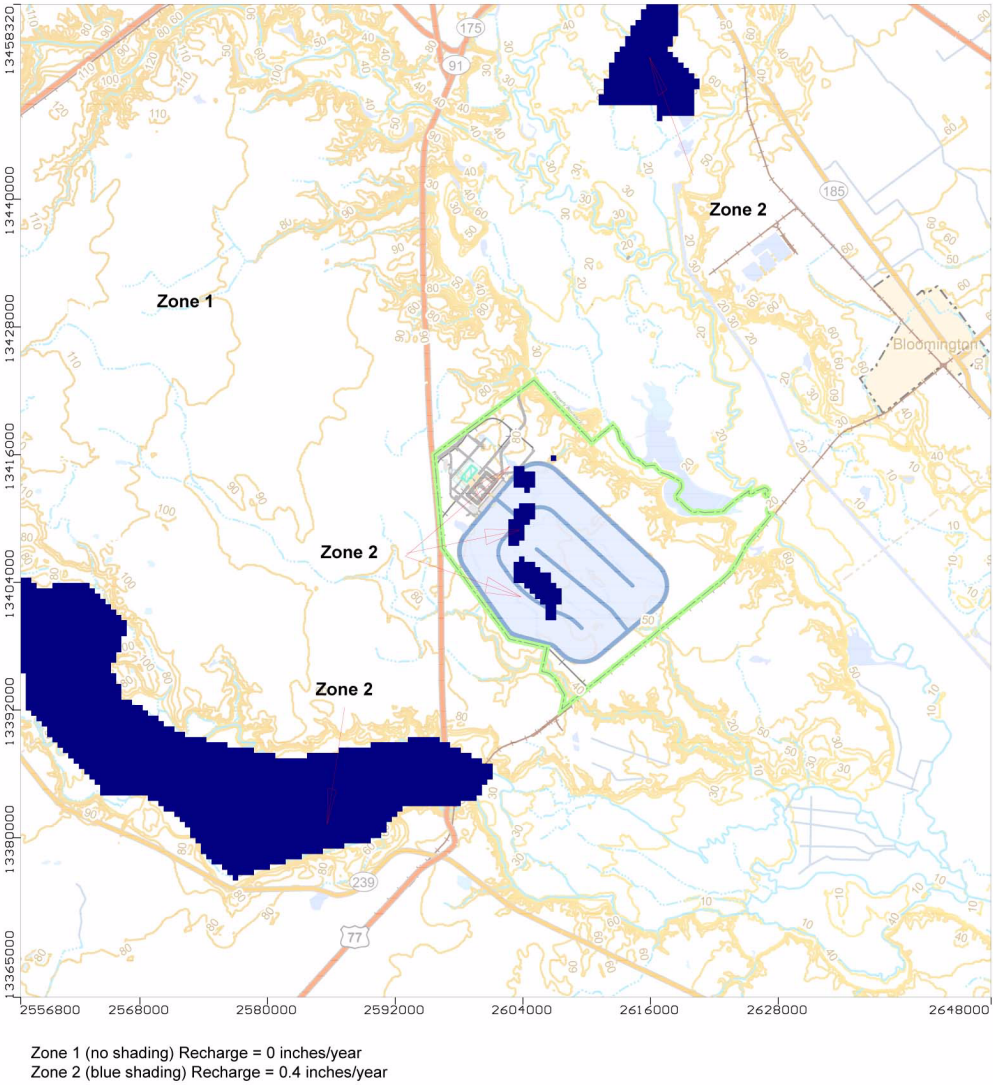
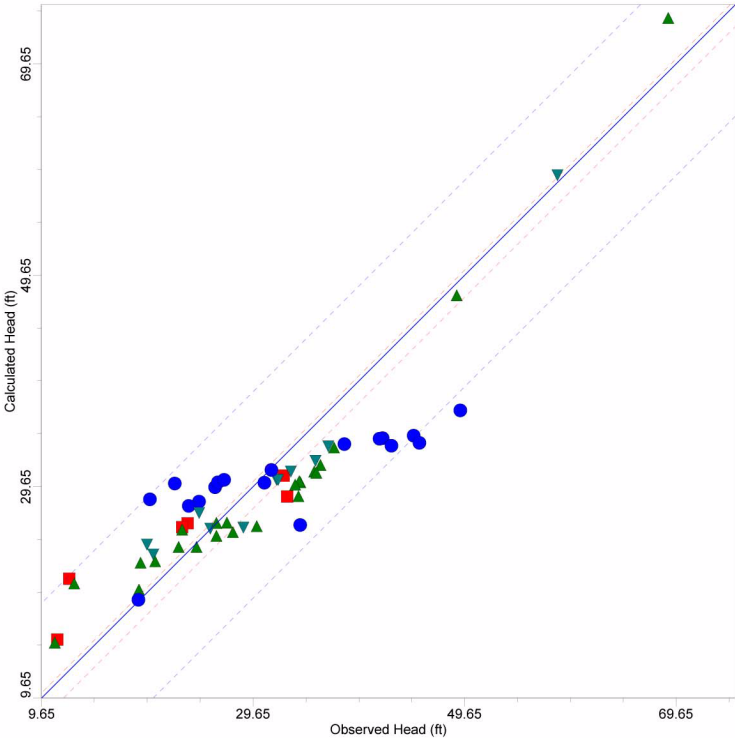
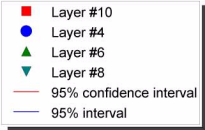


Figure 2.4.12-C-3 Cross-Section of Model Grid (Model Row 92)



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

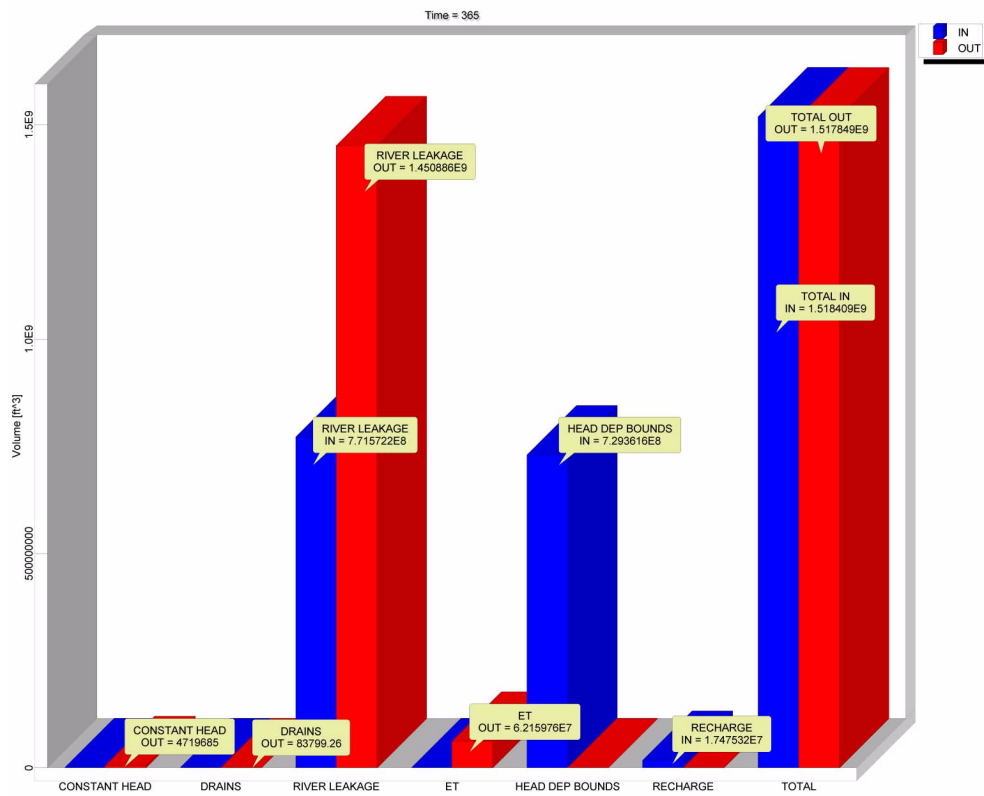
Calculated vs. Observed Head : Steady state



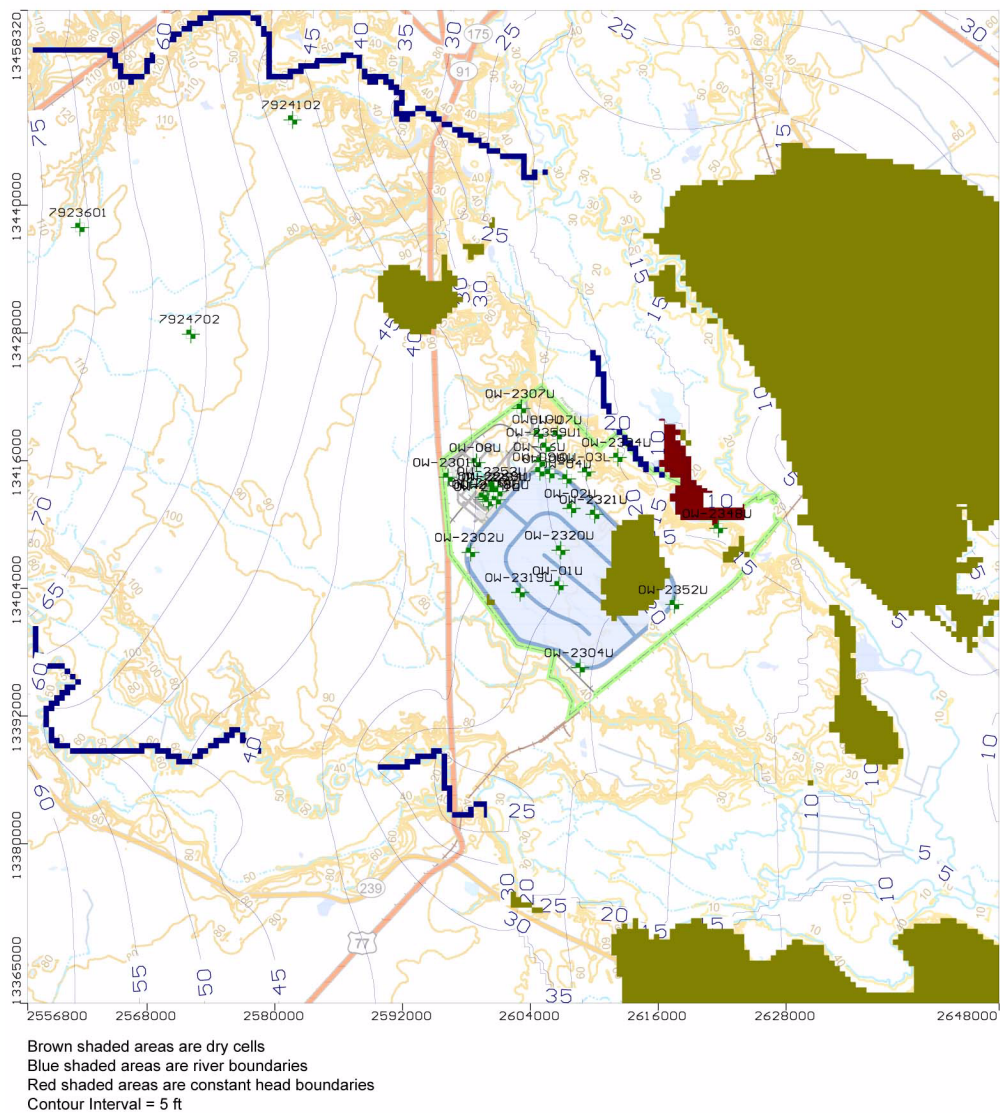
Max. Residual: -12.391 (ft) at OW-2301U/1  
Min. Residual: 0.041 (ft) at OW-06L/1  
Residual Mean : -0.795 (ft)  
Abs. Residual Mean : 3.954 (ft)

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

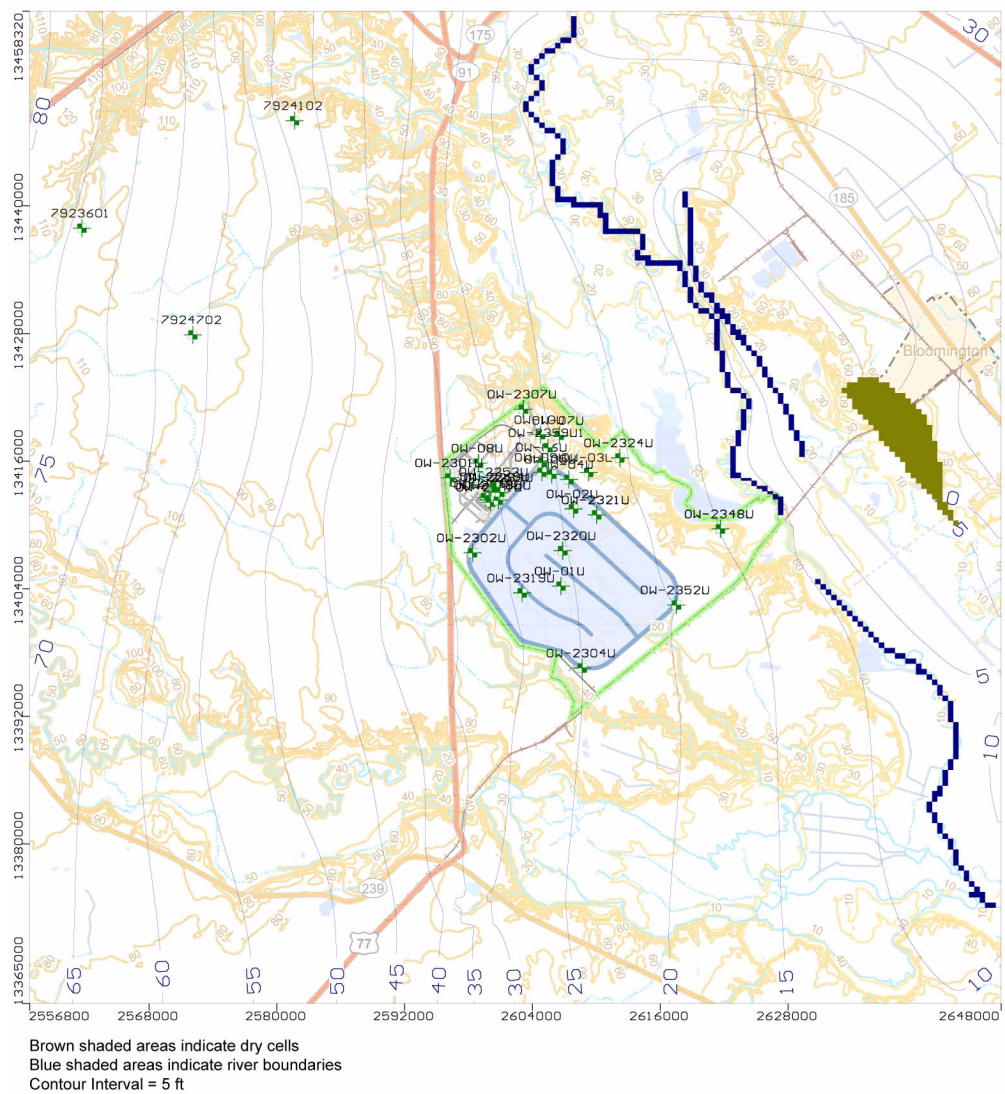
Figure 2.4.12-C-5 Model Calibration Statistics



**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**



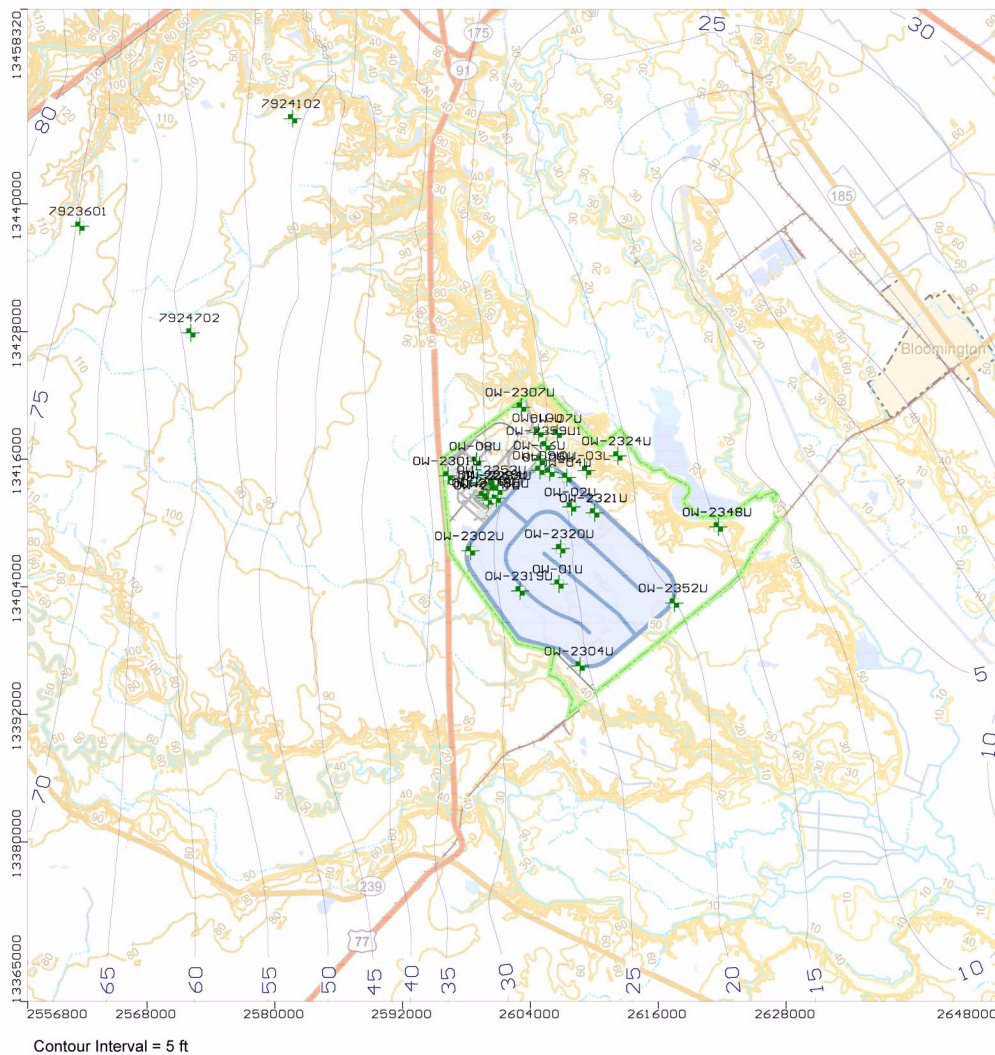
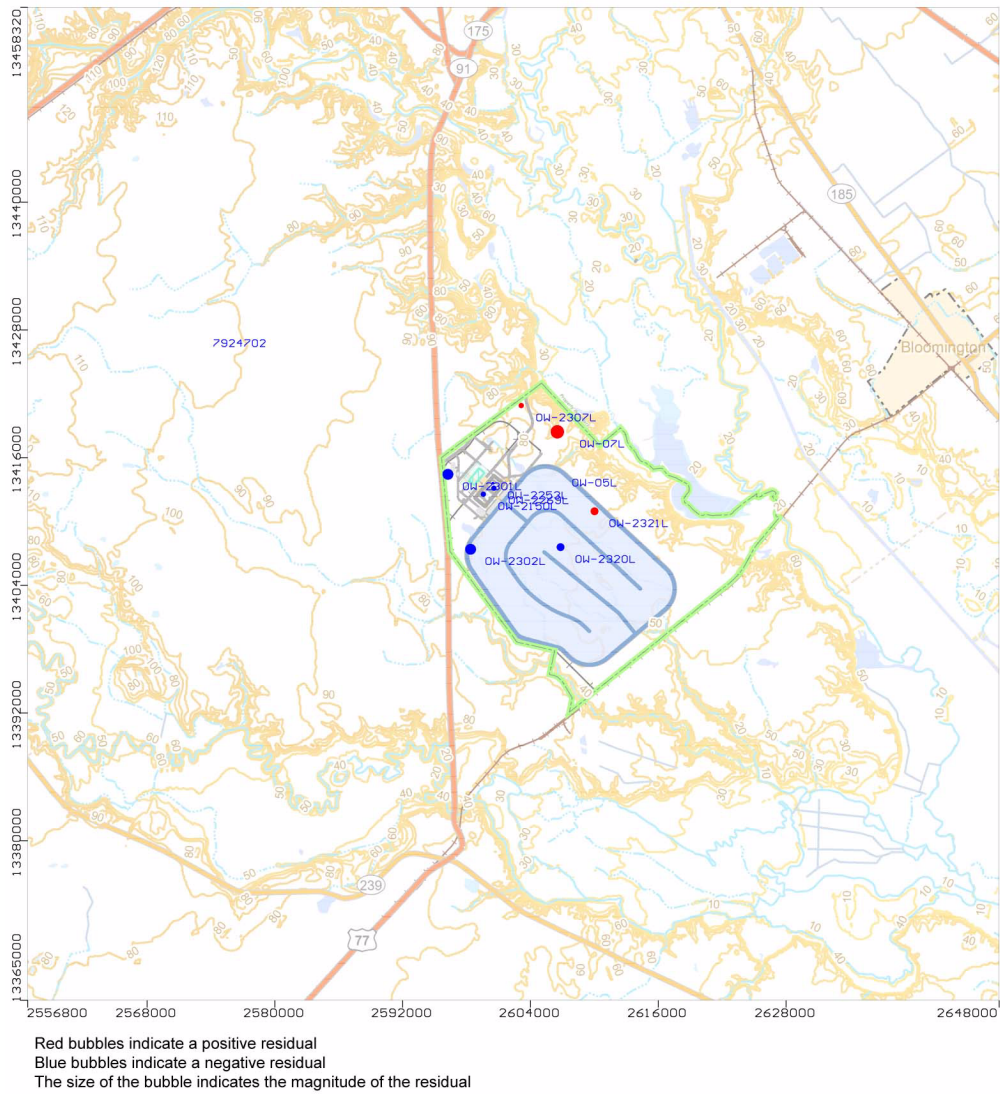


Figure 2.4.12-C-9 Simulated Potentiometric Surface in Deep Aquifer in Model Layer 8

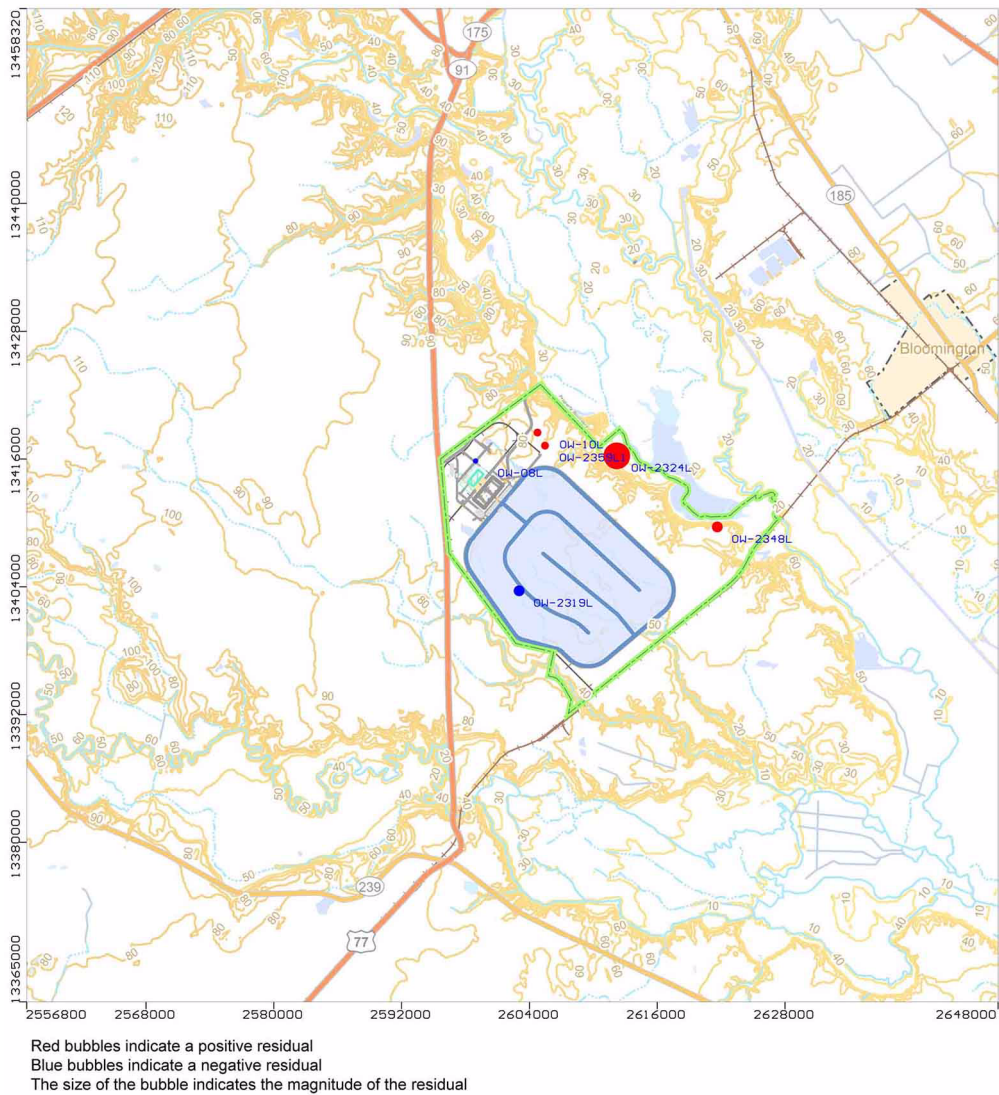




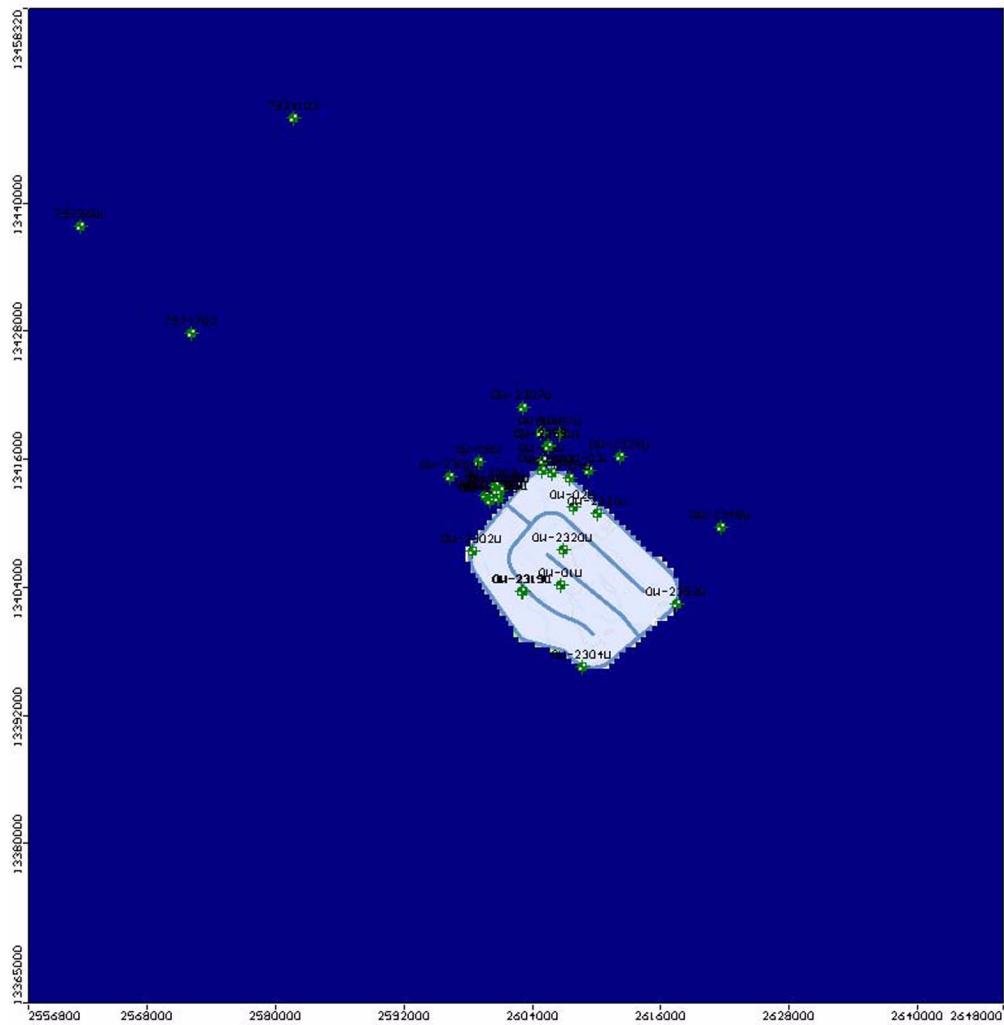




**Figure 2.4.12-C-13 Model Layer 8 Calibration Residuals**



**Figure 2.4.12-C-14 Model Layer 10 Calibration Residuals**



Notes:

Zone 1 - unshaded area Evapotranspiration = 0 inches/year

Zone 2 - dark blue shaded area Evapotranspiration = 57.02 inches/year

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

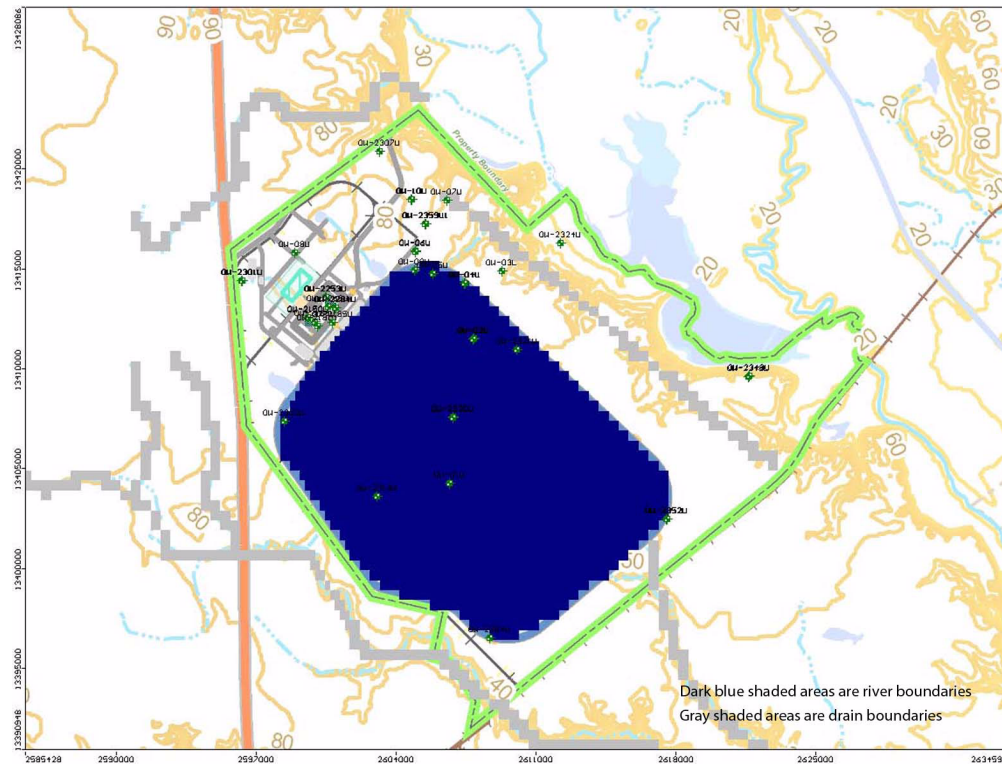
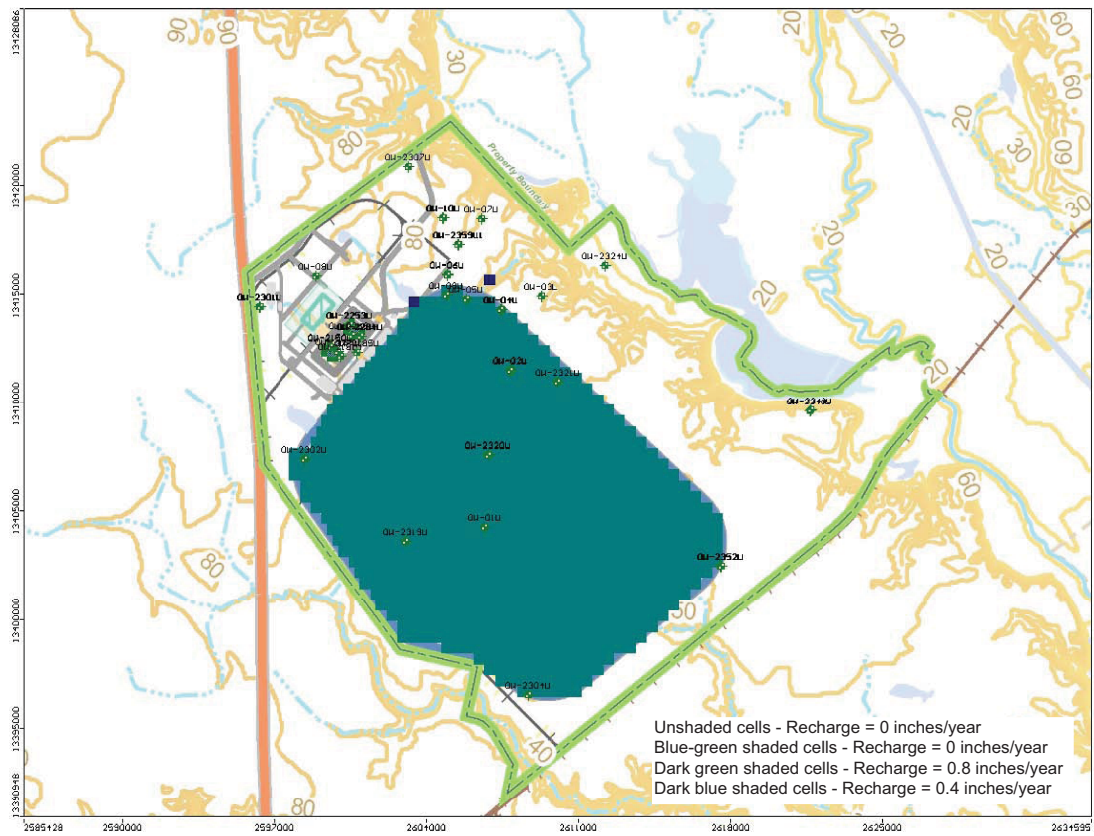
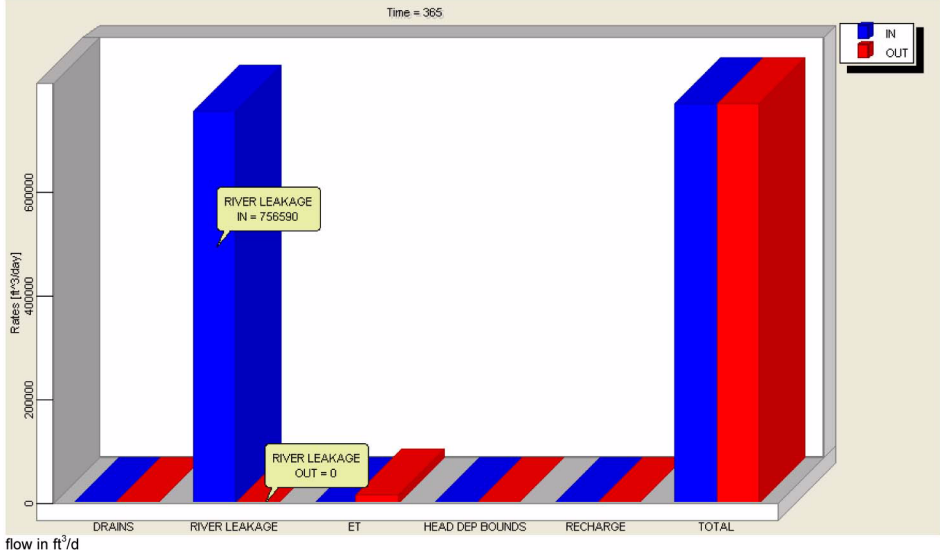


Figure 2.4.12-C-16 Cooling Basin River Boundary Condition in Model Layer 1





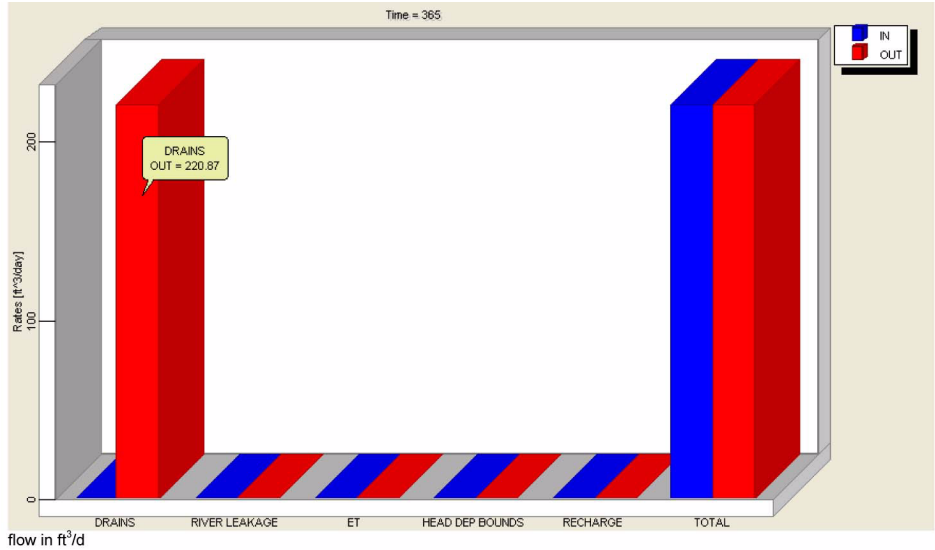
**Figure 2.4.12-C-17 Recharge Boundary Conditions at the Cooling Basin and Power Block Area in Model Layer 1**



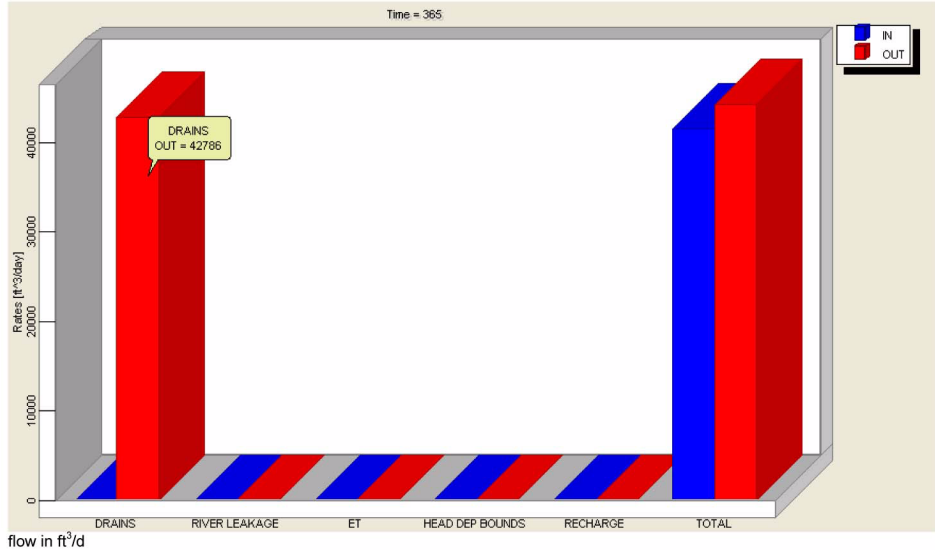
Post-Construction

Note: The cooling basin is not considered in Pre-construction.

**Figure 2.4.12-C-18 Cooling Basin River Boundary Flow Rates for Post-Construction**



Pre-Construction



Post-Construction

Figure 2.4.12-C-19 Kuy Creek Drain Boundary Flow Rates