

and Layer 5 well withdrawals. GWB 5 is spring dominated, similar to GWB 3, with contributions from the surface flowing to Layer 3 spring discharge and 100% of all vertical flow to Layer 5 withdrawn from wells. GWB 6 is also spring dominated and less confined than GWB 5, which results in the vertical flows of water from the surface and from Layer 5 to make up spring discharge in Layer 3. GWB 7 is dominated by surface flows, as water from Layer 5 boundary heads flows upward to Layer 3 spring discharges and Layer 1 river and drainage boundaries. Details for each GWB are provided below.

Table 6-1. Simulated model wide mass balance for 2001 (all flows in/yr)

Layer	CH	DRN	GHB	GHB Spring Flows	GW ET	LAT, Q/LAT	Q_WEL	RCH	RIV	Flow to Lower Layer
Layer 1	-0.15	-1.66	0.00	0.00	-4.74	0.00	-1.82E-04	9.67	-1.36	-1.76
Layer 2	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	0.00	-0.26	-1.51
Layer 3	0.00	0.00	-0.08	-1.36	0.00	0.00	-0.43	0.00	-0.01	0.37
Layer 4	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.33
Layer 5	0.00	0.00	0.39	0.00	0.00	0.00	-0.06	0.00	0.00	-2.07E-07
Layer 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-08
Layer 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Table 6-2. Simulated model wide mass balance for 2009 (all flows in/yr)

Layer	CH	DRN	GHB	GHB Spring Flows	GW ET	LAT, Q/LAT	Q_WEL	RCH	RIV	Flow to Lower Layer
Layer 1	-0.21	-2.59	0.00	0.00	-6.86	0.00	1.49E-03	13.9	-2.19	-2.07
Layer 2	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	0.00	-0.29	-1.78
Layer 3	0.00	0.00	-0.08	-1.63	0.00	0.00	-0.40	0.00	-0.01	0.35
Layer 4	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.31
Layer 5	0.00	0.00	0.36	0.00	0.00	0.00	0.05	0.00	0.00	-4.12E-07
Layer 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.92E-07
Layer 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	