

Table 5. Summary of major-ion concentrations in water samples collected during baseline, 1995–98, and artificial recharge, 1996–98, conditions—Continued

Data-collection site (figs. 1, 2, 3, or 5)	Water-quality conditions (dates of collection)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Fluoride (mg/L)
Ground-water or diverted-water monitoring sites—Continued									
Balslead recharge site—deep monitoring wells									
	Baseline (May 13, 1997)	37, 37 (2)	4.4, 6.1 (2)	29, 31 (2)	1.9, 2.0 (2)	200, 220 (2)	9.9, 19 (2)	5.8, 8.3 (2)	0.30, 0.35 (2)
	Recharge (May 29, 1997 through July 1998)	39–100 (29) 79	4.6–17 (29) 10	21–69 (29) 55	2.0–3.5 (29) 2.7	180–330 (29) 290	9.7–73 (29) 42	5.8–64 (29) 50	<0.02–0.37 (16) 0.24 ^a
Sedgwick recharge site—leaked diverted source water									
	Recharge (April 1998 through July 1998—only sampled during recharge activities)	26–100 (16) 65	4.7–20 (16) 13	21–81 (16) 50	5.7–8.4 (16) 6.8	30–300 (16) 190	17–62 (16) 38	26–180 (62) 82	0.20–0.30 (3) --
Sedgwick recharge site—shallow monitoring wells									
	Baseline (June 1997 through February 1998)	82–140 (11) 92	9.2–20 (11) 15	14–38 (11) 32	2.2–3.2 (11) 2.8	160–230 (11) 180	4.6–270 (11) 160	4.5–22 (11) 11	0.18–0.45 (4) --
	Recharge (April 1998 through July 1998)	66–100 (10) 92	7.9–16 (10) 12	20–30 (10) 34	2.7–4.9 (10) 2.8	140–210 (10) 180	34–200 (10) 110	10–78 (10) 22	0.22–0.63 (4) --
Sedgwick recharge site—deep monitoring wells									
	Baseline (June 1997 through April 1998)	62–76 (9) 72	13–16 (9) 14	83–98 (9) 86	3.0–3.7 (9) 3.3	300–330 (9) 330	30–63 (9) 54	37–63 (9) 63	0.25–0.34 (3) --
	Recharge (April 1998 through July 1998)	30–75 (3) 64	10–15 (3) 12	75–86 (3) 81	2.8–3.5 (3) 3.1	280–340 (3) 320	46–55 (3) 52	21–63 (3) 46	0.28–0.38 (4) --