

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									
Domestic wells near Sedgwick									
	Baseline (August 1996)	85–180 (3)	12–31 (3)	19–130 (3)	2.3–5.4 (3)	12–400 (3)	80–330 (3)	5–65 (3)	--
		--	--	--	--	--	--	--	--
Balslead diversion well site—diversion well									
	Recharge (April 1996 through July 1996—only sampled during recharge activities)	57–100 (96)	8.1–15 (96)	51–72 (96)	1.8–2.7 (96)	260–340 (96)	5.0–78 (96)	22–78 (264)	<0.02–0.30 (17)
		87	12	61	2.3	320	46	39	0.21
Balslead diversion well site—shallow monitoring wells									
	Baseline (February 1995 through March 1996)	68–130 (11)	9.1–17 (11)	75–125 (11)	2.8–5.5 (11)	330–440 (11)	<5.0–35 (11)	85–220 (11)	0.15–0.45 (9)
		110	14	89	4.6	400	12 ^a	140	0.36
	Recharge (April 1996 through July 1996)	30–130 (80)	6.9–20 (80)	30–120 (80)	2.0–8.4 (80)	200–510 (80)	3.0–180 (78)	12–280 (80)	0.02–0.52 (19)
		110	14	83	3.9	350	14 ^a	130	0.18
Balslead diversion well site—deep monitoring well									
	Baseline (February 1995 through March 1996)	36–62 (3)	84–88 (3)	30–53 (3)	2.0–2.1 (3)	270–280 (3)	38–40 (3)	14–15 (3)	0.30, 0.30 (2)
		--	--	--	--	--	--	--	--
	Recharge (April 1996 through July 1996)	45–84 (24)	6.4–12 (24)	49–70 (24)	1.7–2.5 (24)	230–320 (24)	<5.0–33 (24)	16–87 (24)	0.19–0.32 (3)
		30	7.2	30	1.9	240	31	30	--
Balslead recharge site—shallow monitoring wells									
	Baseline (May 13, 1997)	47, 97 (2)	7.8, 16 (2)	40, 130 (2)	1.4, 4.0 (2)	180, 230 (2)	26, 30 (2)	20, 290 (2)	0.14, 0.32 (2)
		--	--	--	--	--	--	--	--
	Recharge (May 29, 1997 through July 1996)	62–94 (31)	11–16 (31)	45–100 (31)	2.0–3.7 (31)	230–330 (31)	32–38 (31)	39–110 (31)	<0.02–0.54 (17)
		80	13	62	2.4	290	48	39	0.33 ^a