

Table 9. Summary of total coliform bacteria densities in water samples collected during baseline, 1995–98, and artificial recharge, 1996–98, conditions

[MCLG, Maximum Contaminant Level Goal; col/100 mL, colonies per 100 milliliters of water; <, less than; *, median value is estimated using a log-probability regression to predict values of the data less than the detection limit; --, not determined. The first set of numbers under each heading (for example, <1–2,000,000) indicates the range in concentrations. The number in parentheses () indicates the number of samples collected, and the number below (for example, 360) is the median value]

| Data-collection site (figs. 1, 2, 3, or 5) | Water-quality conditions (dates of collection) | Total coliform bacteria (col/100mL) | Data-collection site (figs. 1, 2, 3, or 5) | Water-quality conditions (dates of collection) | Total coliform bacteria (col/100mL) |
|--|--|-------------------------------------|--|--|-------------------------------------|
| U.S. Environmental Protection Agency (1999) drinking-water criteria | | | Ground-water or diverted-water monitoring sites—Continued | | |
| 0 (MCLG) | | | Hals lead diversion well site—deep monitoring well | | |
| Surface-water monitoring sites (Little Arkansas River) | | | Baseline | | |
| 07143672 | Baseline | <1–2,000,000 (53) | | (February 1995 through March 1996) | -- |
| (near Halstead) | (February 1995 through September 1997) | 360* | | Recharge | <1–9 (24) |
| | Recharge | 110–53,000 (15) | | (April 1996 through July 1998) | -- |
| | (October 1997 through July 1998) | 2,200 | Hals lead recharge site—shallow monitoring wells | | |
| 07144100 | Baseline | <4–9,000,000 (30) | | Baseline | <1–1 (2) |
| (near Sedgwick) | (February 1995 through September 1997) | 280* | | (May 13, 1997) | -- |
| | Recharge | 30–27,000 (16) | | Recharge | <1–4 (31) |
| | (October 1997 through July 1998) | 2,700 | | (May 29, 1997 through July 1998) | 0.20* |
| Ground-water or diverted-water monitoring sites | | | Hals lead recharge site—deep monitoring wells | | |
| Background wells | | | | Baseline | <1–2 (2) |
| | Baseline | <1–490 (38) | | (May 13, 1997) | -- |
| | (February 1995 through September 1997) | 0.10* | | Recharge | <1–80 (30) |
| | Recharge | <1–10 (7) | | (May 29, 1997 through July 1998) | -- |
| | (October 1997 through July 1998) | -- | Sedgwick recharge site—treated diverted source water | | |
| Domestic wells near Hals lead | | | | Recharge | <1–400 (16) |
| | Baseline | <1–2 (3) | | (April 1998 through July 1998—only sampled during recharge activities) | 82* |
| | (April 1998) | -- | Sedgwick recharge site—shallow monitoring wells | | |
| Domestic wells near Sedgwick | | | | Baseline | <1–<10 (11) |
| | Baseline | <1–64 (3) | | (June 1997 through February 1998) | -- |
| | (August 1998) | -- | | Recharge | <1–1 (4) |
| Hals lead diversion well site—diversion well | | | | (April 1998 through July 1998) | -- |
| | Recharge | <1–<100 (39) | Sedgwick recharge site—deep monitoring wells | | |
| | (April 1996 through July 1998—only sampled during recharge activities) | 0.24* | | Baseline | <1–3 (9) |
| Hals lead diversion well site—shallow monitoring wells | | | | (June 1997 through April 1998) | -- |
| | Baseline | <2–14 (11) | | Recharge | <1 (8) |
| | (February 1995 through March 1996) | -- | | (April 1998 through July 1998) | -- |
| | Recharge | <1–7 (80) | | | |
| | (April 1996 through July 1998) | 0.08* | | | |