

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|-------|-----------------|------|-------|-------|-------|-------|------|-------|------|-------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0690 | 65.0 | 25 - 65 | 62.50 | 1160 | 1140 | 355 | 355 | 231 | 231 | 0.03 | 0.03 | 0.01 | 0.01 | 0.03 | <0.03 | ----- | ----- |
| 0691 | 66.0 | 26 - 66 | 57.36 | 1170 | 848 | 321 | 274 | 202 | 202 | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 | <0.03 | 0.1 | <0.1 |
| 1A | 64.6 | 39 - 51 | 39.64 | 3490 | 3270 | 1440 | 1440 | 346 | 231 | 10.68 | 5.60 | 0.80 | 0.72 | 6.90 | 6.90 | 39.6 | 23.3 |
| 1B | 51.8 | 20 - 50 | 38.70 | 2630 | 2460 | 1190 | 874 | 258 | 255 | 0.09 | 0.00 | 0.90 | 0.07 | 0.11 | <0.03 | 9.0 | 8.6 |
| 1C | 52.9 | 34 - 54 | 43.26 | 1747 | 1680 | 718 | 619 | 224 | 202 | 0.08 | 0.04 | 0.06 | 0.05 | 0.05 | <0.03 | 9.1 | <0.1 |
| 1D | 42.9 | 22 - 42 | 29.00 | 2690 | 1940 | 948 | 508 | ----- | ----- | 0.05 | 0.03 | 0.82 | 0.35 | 0.03 | <0.03 | ----- | ----- |
| 1E | 51.4 | 34 - 54 | 2.00 | 2530 | 2160 | 1050 | 959 | 420 | 169 | 4.79 | 0.22 | 0.70 | 0.62 | 0.49 | 0.40 | 15.0 | 8.4 |
| 1F | 61.8 | 30 - 60 | 44.63 | 3560 | 3560 | 1500 | 1500 | 336 | 336 | 17.30 | 17.30 | 0.80 | 0.80 | 0.04 | 0.03 | 14.9 | 14.9 |
| 1G | 57.5 | 35 - 55 | 42.71 | 2340 | 2330 | 968 | 840 | 219 | 210 | 0.13 | 0.06 | 0.50 | 0.54 | 0.03 | <0.03 | 14.1 | 13.1 |
| 1H | 55.4 | 25 - 55 | 31.16 | 1861 | 1690 | 817 | 450 | 211 | 153 | 0.80 | 0.63 | 0.86 | 0.84 | 0.03 | <0.03 | 6.7 | 5.5 |
| 1I | 49.8 | 27 - 47 | 34.26 | 1482 | 1210 | 357 | 256 | 404 | 403 | 0.03 | 0.02 | 0.94 | 0.89 | 0.03 | <0.03 | 14.8 | 13.4 |
| 1J | 50.3 | 30 - 50 | 33.04 | 3620 | 3620 | 840 | 840 | 663 | 663 | 5.12 | 5.12 | 6.29 | 6.29 | 1.29 | 1.29 | 10.0 | 10.0 |
| 1K | 55.6 | 30 - 55 | 29.86 | 8860 | 1820 | 3406 | 620 | 731 | 731 | 44.00 | 2.58 | 8.87 | 0.53 | 22.8 | 4.9 | 26.8 | 9.3 |
| 1L | 53.4 | 35 - 55 | 29.31 | 3160 | 3160 | 1250 | 1250 | 376 | 229 | 0.59 | 0.08 | 1.12 | 1.12 | 0.16 | 0.16 | 9.3 | 0.2 |
| 1N | 45.6 | 15 - 44 | 29.60 | 2820 | 2820 | 1010 | 1010 | 331 | 331 | 0.18 | 0.08 | 1.00 | 1.00 | 0.06 | 0.03 | 22.5 | 22.5 |
| 1P | 52.8 | 20 - 40 | 38.70 | 2280 | 2280 | 681 | 509 | 454 | 454 | 0.05 | 0.03 | 0.25 | 0.25 | 0.03 | <0.03 | 4.4 | 4.4 |
| B | 68.6 | 49 - 69 | 42.57 | 4820 | 2240 | 2401 | 981 | 312 | 185 | 11.36 | 0.49 | 4.45 | 0.37 | 0.57 | <0.03 | 41.0 | 3.9 |
| B1 | 90.9 | 62 - 82 | 45.11 | 9060 | 2140 | 4785 | 786 | 426 | 182 | 52.15 | 2.10 | 3.73 | 0.22 | 49.0 | 2.22 | 40.0 | 3.1 |
| B2 | 83.0 | 55 - 75 | 49.78 | 3780 | 3780 | 1510 | 1480 | 252 | 252 | 7.82 | 7.82 | 0.66 | 0.50 | 9.74 | 9.74 | 3.1 | 3.1 |
| B3 | 87.0 | 58 - 78 | 62.15 | 5520 | 5050 | 2730 | 2640 | 412 | 412 | 19.65 | 13.33 | 0.93 | 0.62 | 17.7 | 17.7 | 4.5 | 4.5 |
| B4 | 88.8 | 63 - 83 | 59.60 | 4720 | 4440 | 2320 | 1890 | 192 | 192 | 12.89 | 12.89 | 0.68 | 0.62 | 5.88 | 5.88 | 2.5 | 2.5 |
| B5 | 91.0 | 62 - 82 | 57.23 | 6230 | 6200 | 3200 | 3090 | 318 | 318 | 17.47 | 14.93 | 3.46 | 1.57 | 7.19 | 5.07 | 5.8 | 5.8 |
| B6 | 90.0 | 63 - 83 | 48.94 | 9120 | 9120 | 4640 | 4640 | 190 | 190 | 38.30 | 33.90 | 3.61 | 1.38 | 2.49 | 2.04 | 4.9 | 4.9 |
| B7 | 87.0 | 53 - 78 | 43.82 | 2938 | 2938 | 1638 | 1638 | 195 | 195 | 3.32 | 3.32 | 1.14 | 1.14 | 2.44 | 2.44 | 4.1 | 4.1 |
| B8 | 87.0 | 53 - 78 | 49.94 | 14500 | 10000 | 7580 | 4850 | 747 | 747 | 67.20 | 55.10 | 5.38 | 4.60 | 26.3 | 19.3 | 30.9 | 30.9 |
| B9 | 86.0 | 51 - 78 | 50.32 | 5655 | 5655 | 3116 | 3116 | 472 | 472 | 55.43 | 55.43 | 10.2 | 10.2 | 9.88 | 9.88 | 7.4 | 7.4 |
| B10 | 84.8 | 51 - 78 | 63.26 | 25700 | 8000 | 13100 | 3800 | 1785 | 663 | 101.0 | 24.40 | 16.1 | 4.02 | 69.7 | 35.6 | 99.1 | 46.9 |
| B11 | 84.9 | 42 - 80 | 53.61 | 21600 | 6010 | 11000 | 3140 | 1500 | 314 | 57.60 | 11.20 | 22.6 | 1.79 | 59.9 | 18.3 | 217 | 21.9 |
| BA | 86.0 | 64 - 78 | 43.96 | 2486 | 2486 | 1269 | 1269 | 195 | 195 | 2.19 | 2.19 | 0.54 | 0.54 | 0.92 | 0.92 | 7.7 | 7.7 |
| BB2 | 56.6 | 42 - 62 | 48.84 | 6890 | 3140 | 3087 | 1611 | 851 | 241 | 17.00 | 0.08 | 0.07 | 0.02 | 0.28 | <0.03 | 29.9 | 2.3 |
| BC | 82.8 | 63 - 83 | 49.36 | 4630 | 2090 | 2815 | 1090 | 780 | 81 | 15.50 | 0.26 | 2.06 | <0.01 | 5.43 | 0.05 | 230 | <0.1 |
| BP | 85.4 | 40 - 85 | 45.45 | 3300 | 2400 | 1783 | 1100 | 226 | 190 | 3.65 | 1.30 | 0.80 | 0.34 | 32.0 | 0.19 | 11.5 | 5.3 |
| C1 | 76.0 | 41 - 68 | 38.51 | 4190 | 1950 | 2189 | 794 | 300 | 176 | 3.80 | 1.40 | 4.37 | 0.12 | 4.86 | 2.04 | 4.8 | 2.6 |
| C2 | 76.0 | 42 - 67 | 35.03 | 3360 | 1810 | 1720 | 589 | 298 | 204 | 4.42 | 0.44 | 1.64 | 0.03 | 2.76 | 0.23 | 6.9 | 0.8 |
| C3R | 75.0 | 43 - 68 | 18.00 | 2467 | 1940 | 1126 | 633 | 194 | 184 | 0.43 | 0.22 | 0.17 | <0.01 | 0.20 | <0.03 | 6.6 | 2.1 |
| C4 | 75.0 | 46 - 66 | 39.66 | 3446 | 2010 | 1890 | 722 | 272 | 192 | 2.29 | 0.32 | 1.34 | 0.09 | 1.42 | <0.03 | 6.3 | 2.6 |
| C5 | 72.0 | 43 - 63 | 36.20 | 6470 | 2070 | 2219 | 670 | 350 | 182 | 5.79 | 0.92 | 4.91 | 0.03 | 7.05 | 1.18 | 10.9 | 2.4 |
| C6 | 80.8 | 34 - 74 | 66.77 | 6670 | 4390 | 3370 | 1910 | 652 | 247 | 29.99 | 8.44 | 2.21 | 0.98 | 40.8 | 22.4 | 9.6 | 8.0 |
| C7 | 72.4 | 25 - 65 | 70.24 | 6410 | 5210 | 2791 | 2040 | 1080 | 501 | 16.60 | 10.40 | 6.81 | 1.53 | 21.7 | 20.40 | 9.6 | 9.6 |
| C8 | 78.1 | 31 - 71 | 76.00 | 8660 | 4140 | 3630 | 1610 | 1549 | 471 | 101.0 | 11.00 | 16.8 | 1.40 | 24.7 | 12.1 | 16.0 | 12.8 |
| C9 | 77.0 | 27 - 67 | 72.60 | 13400 | 5290 | 6310 | 2220 | 2374 | 467 | 135.0 | 12.70 | 28.4 | 1.99 | 66.7 | 17.0 | 26.7 | 7.6 |
| C10 | 71.6 | 30 - 70 | 65.90 | 14500 | 6910 | 7410 | 3240 | 1460 | 672 | 110.0 | 25.20 | 27.1 | 3.45 | 63.0 | 35.4 | 17.2 | 12.4 |

C01

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|-------|-----------------|-------|-------|------|-------|-------|------|-------|------|-------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| C11 | 68.2 | 35 - 65 | 64.10 | 13762 | 5470 | 6980 | 2220 | 1889 | 377 | 94.80 | 18.90 | 26.2 | 3.38 | 56.0 | 22.3 | 119 | 119 |
| C12 | 63.5 | 34 - 64 | 44.94 | 16082 | 3610 | 8710 | 1700 | 1861 | 211 | 122.0 | 11.30 | 33.3 | 1.52 | 64.7 | 15.3 | 82.6 | 13.7 |
| D1 | 89.4 | 58 - 90 | 46.89 | 3940 | 1920 | 2158 | 720 | 227 | 196 | 8.65 | 1.15 | 0.83 | 0.09 | 8.80 | 1.05 | 13.0 | 2.6 |
| DA | 99.1 | 50 - 100 | 61.40 | 18950 | 13700 | 8878 | 6540 | 2225 | 831 | 89.07 | 34.40 | 3.48 | 1.60 | 105 | 44.2 | 28.0 | 6.7 |
| DA2 | 82.1 | 64 - 74 | 51.11 | 33870 | 8046 | 6987 | 4582 | 674 | 481 | 34.34 | 18.67 | 1.47 | 1.21 | 50.7 | 22.6 | 28.2 | 5.1 |
| DB | 73.2 | 55 - 85 | 66.15 | 14000 | 11300 | 7230 | 5530 | 1000 | 795 | 59.11 | 30.00 | 8.07 | 1.05 | 60.8 | 45.1 | 33.0 | 5.7 |
| DBR | 55.6 | ----- | 52.19 | 28416 | 28416 | 12735 | 12735 | 1716 | 1716 | 59.60 | 59.60 | 1.05 | 0.66 | 98.6 | 98.6 | 12.0 | 1.5 |
| DC | 64.1 | 45 - 65 | 43.16 | 3510 | 2170 | 1839 | 1140 | 709 | 69 | 0.82 | 0.06 | 0.23 | 0.06 | 1.51 | <0.03 | 331 | 3.5 |
| DE | 70.2 | 60 - 90 | 63.70 | 23360 | 12600 | 9288 | 5800 | 1064 | 774 | 70.34 | 27.40 | 3.85 | 1.73 | 125 | 38.7 | 58.0 | 4.5 |
| DF | 88.5 | 65 - 95 | 60.75 | 15053 | 10300 | 7958 | 5327 | 21274 | 714 | 55.40 | 29.90 | 3.52 | 1.04 | 85.5 | 8.03 | 62.0 | 8.5 |
| DG | 88.9 | 65 - 95 | 61.80 | 20500 | 18476 | 51100 | 9429 | 944 | 790 | 66.57 | 48.84 | 2.49 | 1.30 | 2820 | 55.6 | 76.0 | 16.5 |
| DH | 61.7 | 65 - 95 | 52.65 | 27800 | 27800 | 13291 | 13020 | 1383 | 1383 | 106.0 | 82.26 | 13.5 | 2.53 | 133 | 133 | 116 | 24.0 |
| DI | 86.1 | 35 - 85 | 57.87 | 33116 | 32164 | 16112 | 16112 | 2170 | 2006 | 137.8 | 58.20 | 5.03 | 1.52 | 152 | 152 | 56.0 | 5.3 |
| DJ | 85.7 | 35 - 85 | 46.87 | 33120 | 33120 | 15355 | 15339 | 1773 | 1773 | 131.9 | 86.50 | 4.79 | 1.94 | 140 | 135 | 94.0 | 46.2 |
| DK | 65.4 | 35 - 55 | 43.58 | 22920 | 22920 | 13925 | 12034 | 798 | 496 | 116.6 | 115.3 | 3.15 | 2.03 | 199 | 90.9 | 94.0 | 63.1 |
| DM | 62.8 | ----- | 52.00 | 27920 | 5340 | 13115 | 2350 | 1080 | 339 | 118.3 | 8.68 | 3.11 | 2.11 | 186 | 12.8 | 130 | 6.0 |
| DN | 66.7 | ----- | 51.52 | 18700 | 17300 | 11725 | 8480 | 5674 | 1170 | 117.7 | 44.08 | 2.72 | 1.96 | 211 | 63.2 | 31.5 | 4.8 |
| DNR | 79.7 | ----- | 51.80 | 21286 | 18900 | 10032 | 9110 | 1200 | 1200 | 69.81 | 49.54 | 2.77 | 2.43 | 113 | 68 | 8.7 | 4.4 |
| DO | 75.8 | 65 - 75 | 65.20 | 5860 | 5664 | 2962 | 2910 | 337 | 311 | 15.82 | 15.82 | 1.32 | 0.86 | 26.6 | 26.6 | 9.0 | 5.7 |
| DP | 79.8 | ----- | 53.46 | 17800 | 1960 | 8940 | 687 | 1160 | 163 | 72.90 | 3.19 | 16.1 | 0.45 | 49.8 | 17.2 | 198 | 89.5 |
| DQ | 85.3 | ----- | 54.11 | 20300 | 10300 | 10500 | 5060 | 1575 | 850 | 73.80 | 32.10 | 17.6 | 1.86 | 96.7 | 57.9 | 175 | 11.8 |
| DR | 87.8 | 65 - 85 | 66.05 | 15930 | 13600 | 8528 | 5280 | 542 | 542 | 80.98 | 34.90 | 2.20 | 1.76 | 119 | 51.4 | 37.3 | 5.7 |
| DS | ----- | 62 - 77 | 65.22 | 20200 | 20200 | 9050 | 7610 | 1116 | 1050 | 60.21 | 47.00 | 3.50 | 1.63 | 4345 | 60.4 | 34.1 | 4.3 |
| DT | 72.3 | 59 - 99 | 59.80 | 13350 | 12500 | 7068 | 4780 | 725 | 584 | 43.67 | 32.94 | 2.06 | 1.21 | 47.5 | 44.9 | 30.8 | 6.6 |
| DU | 84.6 | 61 - 81 | 51.56 | 17090 | 12690 | 8563 | 5549 | 603 | 397 | 474.9 | 37.31 | 6.77 | 2.59 | 118 | 49.7 | 47.8 | 12.3 |
| DV | 80.0 | 60 - 80 | 83.45 | 13899 | 11800 | 6626 | 5810 | 843 | 702 | 45.03 | 39.20 | 2.82 | 1.01 | 63.2 | 19.20 | 7.4 | 7.0 |
| DX | ----- | 60 - 90 | 61.80 | 18300 | 15600 | 10600 | 8180 | 1034 | 945 | 92.40 | 45.60 | 5.17 | 2.19 | 65.4 | 65.4 | 54.0 | 16.3 |
| DZ | 81.8 | ----- | 57.64 | 32960 | 14900 | 15534 | 6100 | 2303 | 652 | 139.1 | 29.00 | 7.46 | 2.12 | 167 | 36.3 | 50.2 | 16.5 |
| EE | 91.2 | 50 - 90 | 45.26 | 24320 | 2916 | 11191 | 1478 | 727 | 206 | 109.0 | 4.07 | 3.66 | 0.30 | 148 | 3.45 | 40.8 | 0.6 |
| F | 63.8 | 45 - 65 | 31.80 | 3180 | 1750 | 1871 | 610 | 206 | 188 | 0.51 | 0.11 | 0.60 | 0.01 | 0.15 | <0.03 | 22.0 | 2.0 |
| FB | 62.0 | 43 - 58 | 35.41 | 4340 | 1790 | 2631 | 750 | 273 | 198 | 10.64 | 0.10 | 3.64 | 0.12 | 0.3 | <0.03 | 47.0 | 2.7 |
| FF | ----- | 52 - 132 | 41.08 | ----- | ----- | 4157 | 4157 | 305 | 305 | 43.84 | 43.84 | 1.12 | 1.12 | 49.7 | 49.7 | ----- | ----- |
| G | 78.3 | 50 - 80 | 4.00 | ----- | ----- | 2223 | 2140 | 262 | 149 | 8.06 | 0.14 | 1.07 | 0.03 | 1.82 | 0.07 | ----- | ----- |
| GH | 69.2 | 55 - 65 | 32.83 | 1860 | 1760 | 1092 | 709 | 227 | 191 | 0.15 | 0.05 | 0.09 | 0.02 | 0.18 | <0.03 | 5.9 | 2.8 |
| GV | 83.0 | 62 - 82 | 50.08 | 1840 | 1840 | 706 | 644 | 194 | 190 | 0.06 | 0.03 | 0.19 | 0.01 | 0.06 | 0.01 | 1.8 | 1.6 |
| H | 69.3 | 50 - 70 | 37.93 | 1690 | 1450 | 1601 | 708 | 191 | 191 | 0.59 | 0.01 | 0.12 | <0.01 | 0.10 | <0.01 | 9.8 | 2.7 |
| I | 70.0 | 52 - 72 | 31.64 | 4052 | 1510 | 3280 | 520 | 341 | 185 | 0.14 | 0.13 | 1.57 | 0.01 | 0.41 | <0.03 | 24.5 | 1.7 |
| K | 61.7 | 44 - 64 | 7.55 | 7940 | 7940 | 3930 | 3889 | 631 | 631 | 51.22 | 14.84 | 1.06 | 0.64 | 65.8 | 63.5 | 32.5 | 22.0 |
| K2 | 58.9 | 46 - 56 | 14.90 | 10040 | 939 | 4238 | 219 | 876 | 70 | 45.10 | 0.67 | 4.02 | 0.18 | 78.0 | 3.57 | 120 | 2.5 |
| K3 | 56.7 | 53 - 58 | 43.44 | 5251 | 5251 | 3276 | 2856 | 504 | 88 | 36.55 | 6.15 | 1.21 | 1.21 | 45.8 | 7.47 | 3.2 | 1.2 |
| K4 | 86.2 | 65 - 85 | 72.60 | 7200 | 1620 | 3330 | 609 | 1300 | 93 | 22.38 | 2.65 | 8.96 | 1.18 | 31.8 | 6.7 | 9.8 | 3.8 |
| K5 | 86.4 | 55 - 85 | 62.94 | 7457 | 3630 | 3375 | 1750 | 788 | 108 | 24.45 | 1.04 | 4.12 | 0.23 | 54.5 | 8.2 | 11.4 | 7.5 |

002

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|---------|-----------------|--------|------|-------|-------|---------|------|--------|------|--------|-----------------|--------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| K6 | 58.0 | 33 - 58 | 13.00 | 1990 | 444 | 751 | 103 | 211 | 38 | 1.60 | 0.03 | 0.05 | 0.01 | 3.14 | 0.05 | 2.1 | 2.1 |
| KA | 67.8 | 42 - 72 | 32.18 | 5520 | 1340 | 3104 | 450 | 509 | 120 | 13.20 | 0.81 | 2.30 | 0.18 | 19.5 | 3.00 | 11.3 | 2.2 |
| KB | 61.8 | 40 - 70 | 8.10 | 5466 | 1510 | 3020 | 556 | 495 | 108 | 12.04 | 1.39 | 2.95 | 0.19 | 19.2 | 4.73 | 12.3 | 3.9 |
| KC | 68.6 | 42 - 72 | 9.00 | 5640 | 1380 | 3141 | 519 | 532 | 88 | 13.67 | 0.79 | 2.98 | 0.15 | 21.2 | 2.54 | 12.5 | 3.1 |
| KD | 62.1 | 40 - 70 | 4.65 | 4700 | 944 | 3185 | 262 | 332 | 75 | 22.05 | 0.33 | 2.81 | 0.08 | 28.3 | 1.98 | 54.0 | 2.2 |
| KE | 60.8 | 40 - 70 | 11.70 | 8070 | 908 | 3880 | 268 | 674 | 78 | 26.20 | 0.19 | 4.23 | 0.03 | 46.4 | 0.79 | 68.7 | 2.0 |
| KEB | 59.9 | 40 - 60 | 16.43 | 2472 | 859 | 1003 | 272 | 212 | 55 | 5.35 | 0.30 | 0.21 | 0.04 | 7.50 | 0.60 | 2.7 | 2.2 |
| KF | 63.5 | 30 - 60 | 25.04 | 4040 | 1120 | 2037 | 376 | 202 | 106 | 2.27 | 0.12 | 0.11 | 0.03 | 3.47 | 0.15 | 7.0 | 2.6 |
| KM | 52.4 | ----- | 12.20 | 8740 | 198 | 4370 | 69 | 887 | 27 | 37.31 | 0.02 | 2.26 | <0.01 | 63.4 | 0.06 | 88.0 | 1.9 |
| KN | 50.1 | ----- | 2.00 | 2030 | 575 | 755 | 147 | 201 | 43 | 2.25 | 0.28 | 0.08 | 0.04 | 2.68 | 1.10 | 2.0 | 2.0 |
| KZ | 58.4 | ----- | 28.44 | 7240 | 1260 | 3308 | 475 | 496 | 87 | 1450 | 0.42 | 1.87 | 0.09 | 44.3 | 1.34 | 88.2 | 0.4 |
| L | 67.0 | 46 - 66 | 42.30 | 2040 | 1580 | 921 | 570 | 211 | 191 | 3.29 | 1.55 | 0.26 | 0.02 | 3.58 | 1.40 | 6.4 | 2.0 |
| L5 | 60.2 | 25 - 55 | 46.68 | 5921 | 1490 | 3640 | 585 | 678 | 137 | 12.00 | 1.03 | 4.40 | 0.53 | 20.5 | 2.24 | 8.2 | 2.7 |
| L6 | 51.1 | 25 - 55 | 27.21 | 2880 | 1370 | 1443 | 460 | 265 | 242 | 3.36 | 1.19 | 3.80 | 0.80 | 27.2 | 2.82 | 3.3 | 3.3 |
| L7 | 67.8 | 36 - 66 | 64.80 | 5437 | 1810 | 2629 | 762 | 730 | 232 | 12.16 | 1.12 | 7.77 | 1.49 | 25.8 | 4.67 | 5.6 | 3.5 |
| L8 | 73.9 | 32 - 72 | 54.80 | 5060 | 1270 | 2434 | 488 | 471 | 161 | 7.88 | 0.81 | 2.79 | 0.20 | 19.6 | 1.79 | 9.3 | 2.4 |
| L9 | 74.9 | 43 - 73 | 53.64 | 2909 | 1400 | 1499 | 497 | 273 | 139 | 6.00 | 1.01 | 1.07 | 0.08 | 10.1 | 1.61 | 4.7 | 2.2 |
| L10 | 74.2 | 53 - 73 | 53.41 | 2150 | 1680 | 1027 | 624 | 228 | 133 | 3.09 | 1.22 | 0.27 | 0.04 | 3.77 | 1.41 | 2.9 | 2.1 |
| M1 | 103.4 | 66 - 106 | 79.80 | 13210 | 13210 * | 7308 | 7308 * | 2250 | 426 * | 47.49 | 47.06 * | 2.29 | 1.74 * | 68.4 | 68.4 * | 36.6 | 14.4 * |
| M2 | 40.4 | ----- | 34.85 | 22048 | 22048 | 11347 | 11347 | 962 | 962 | 100.1 | 100.1 | 1.28 | 1.28 | 95.1 | 95.1 | 0.1 | <0.1 |
| M3 | 105.3 | 79 - 99 | 65.80 | 11172 | 3340 | 5499 | 1380 | 562 | 268 | 33.60 | 6.51 | 2.73 | 0.35 | 43.3 | 7.3 | 23.5 | 5.4 |
| M4 | 81.8 | 78 - 82 | 56.72 | 17260 | 2020 | 9209 | 863 | 780 | 184 | 60.63 | 4.21 | 2.99 | 0.12 | 118 | 5.78 | 29.2 | 2.2 |
| M5 | 92.3 | 60 - 90 | 49.16 | 4500 | 1970 | 2415 | 759 | 227 | 187 | 11.79 | 0.98 | 2.04 | 0.06 | 25.4 | 0.83 | 29.0 | 2.4 |
| MO | 88.0 | 45 - 85 | 64.75 | 3270 | 2460 | 1755 | 1190 | 191 | 185 | 0.91 | 0.34 | 0.26 | 0.07 | 0.13 | <0.03 | 27.5 | 9.9 |
| MQ | 98.0 | 58 - 98 | 65.04 | 3090 | 2940 | 1500 | 1180 | 223 | 191 | 1.55 | 1.55 | 0.60 | 0.34 | 0.38 | 0.36 | 14.3 | 8.1 |
| MR | 100.0 | 54 - 94 | 68.58 | 2440 | 2370 | 1180 | 900 | 197 | 179 | 0.65 | 0.50 | 0.15 | 0.13 | 0.04 | 0.03 | 8.1 | 7.8 |
| MS | 82.0 | 52 - 82 | 62.00 | 2160 | 1890 | 835 | 616 | 206 | 187 | 0.37 | 0.09 | 0.09 | 0.03 | 0.05 | <0.03 | 3.2 | 1.8 |
| MT | 98.0 | 34 - 94 | 68.40 | 2900 | 2540 | 1530 | 1070 | 163 | 144 | 0.39 | 0.31 | 0.31 | 0.18 | 0.03 | <0.01 | 21.2 | 12.3 |
| MU | 80.0 | 50 - 80 | 44.19 | 4220 | 4220 | 2330 | 1630 | 169 | 169 | 0.12 | 0.11 | 0.10 | 0.10 | 0.03 | <0.03 | 114.0 | 114.0 |
| MV | 105.0 | 75 - 105 | 65.97 | 2110 | 2110 | 876 | 784 | 205 | 184 | 0.25 | 0.24 | 0.10 | 0.10 | 0.03 | 0.02 | 4.0 | 4.0 |
| MX | 103.0 | 63 - 103 | 52.07 | 1870 | 1840 | 774 | 606 | 190 | 190 | 0.04 | 0.03 | 0.01 | 0.01 | 0.03 | <0.03 | 1.5 | 1.3 |
| MY | 112.0 | 72 - 112 | 58.07 | 1920 | 1860 | 773 | 600 | 223 | 198 | 0.03 | 0.02 | 0.04 | 0.02 | 0.04 | <0.03 | 1.6 | 1.1 |
| N | 92.0 | 54 - 94 | 53.09 | 3030 | 2390 | 1788 | 1230 | 340 | 60 | 0.92 | 0.09 | 0.27 | 0.10 | 0.49 | <0.03 | 38.0 | 15.3 |
| NA | 91.4 | 50 - 90 | 57.75 | 7700 | 2430 | 4038 | 1130 | 121 | 121 | 33.24 | 2.68 | 0.10 | 0.09 | 33.0 | 6.16 | 3.9 | 3.9 * |
| NB | 96.4 | 50 - 90 | 50.48 | 31913 | 26500 | 14602 | 11700 | 1988 | 1320 | 65.41 | 62.10 | 0.51 | 0.51 | 93.8 | 93.8 | 11.5 | 9.1 * |
| NC | 95.0 | 65 - 95 | 53.21 | 2490 | 1280 | 1789 | 640 | 76 | 40 | 2.76 | 0.01 | 0.08 | 0.07 | 0.17 | <0.03 | 15.9 | 4.0 |
| NE5 | 156.8 | 135 - 155 | 64.81 | 28163 | 4670 | 10293 | 1910 | 1106 | 194 | 54.60 | 5.87 | 0.38 | 0.05 | 131 | 16 | 5.4 | 0.3 |
| NW5 | 149.8 | 119 - 159 | 114.58 | 25477 | 2410 | 9174 | 1010 | 1010 | 108 | 51.50 | 1.61 | 0.29 | 0.08 | 165 | 5 | 11.7 | 0.4 |
| O | 69.9 | 40 - 70 | 48.86 | 2490 | 1970 | 2015 | 900 | 202 | 140 | 1.61 | 0.03 | 0.33 | 0.24 | 1.70 | <0.03 | 13.0 | 0.5 |
| PM | 81.9 | ----- | 15.00 | 3528 | 1880 | 1930 | 650 | 242 | 213 | 6.11 | 0.23 | 0.95 | 0.03 | 2.11 | 0.15 | 46.0 | 3.7 |
| S | 72.2 | 52 - 72 | 56.05 | 27727 | 20400 | 15621 | 10200 | 1960 | 1280 | 158.6 | 57.00 | 6.95 | 3.48 | 176 | 94.1 | 56.9 | 5.5 |
| S2 | 100.0 | 90 - 100 | 49.63 | 7600 | 4950 | 3730 | 2460 | 328 | 275 | 36.30 | 15.80 | 1.89 | 1.20 | 23.9 | 18.4 | 28.8 | 7.8 |

003

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|-------|-----------------|-------|-------|------|-------|-------|------|-------|------|-------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| S3 | 122.6 | 80 - 120 | 50.50 | 5546 | 3400 | 3036 | 1500 | 360 | 250 | 17.80 | 9.00 | 1.48 | 0.04 | 10.9 | 7.60 | 15.5 | 2.0 |
| S4 | 112.4 | 50 - 110 | 51.21 | 6400 | 2720 | 3568 | 1420 | 665 | 150 | 16.71 | 2.53 | 3.79 | 0.17 | 31.7 | 1.42 | 25 | <0.1 |
| S5 | 115.0 | 54 - 106 | 62.50 | 8300 | 8300 | 4040 | 4040 | 385 | 385 | 35.60 | 14.30 | 1.59 | 0.51 | 27.7 | 27.7 | 8.7 | 8.7 |
| S6 | 113.2 | 55 - 105 | 55.85 | 12011 | 11800 | 5957 | 5290 | 559 | 415 | 28.76 | 24.60 | 9.01 | 0.77 | 53.6 | 40.8 | 10.9 | 10.9 |
| S7 | 97.0 | 40 - 84 | 57.38 | 19349 | 11600 | 9063 | 5590 | 792 | 587 | 45.40 | 30.30 | 1.92 | 1.35 | 51.6 | 47.1 | 8.7 | 8.7 |
| S11 | 76.2 | 48 - 78 | 51.28 | 2730 | 2440 | 1380 | 1050 | 183 | 183 | 0.05 | 0.02 | 0.48 | 0.39 | 0.03 | 0.03 | 64.3 | 52.4 |
| S12 | 93.0 | 53 - 93 | 56.56 | 2180 | 2180 | 1040 | 1040 | 214 | 214 | 2.35 | 1.53 | 0.43 | 0.35 | 2.23 | 0.52 | ----- | ----- |
| SA | 123.7 | 100 - 130 | 67.24 | 11880 | 4390 | 6052 | 1780 | 14183 | 267 | 44.52 | 10.80 | 2.38 | 0.43 | 39.7 | 14.47 | 31.7 | 4.5 |
| SB | 125.0 | 100 - 130 | 57.43 | 13760 | 10800 | 14154 | 5240 | 426 | 242 | 59.11 | 23.10 | 2.18 | 0.68 | 69.7 | 56.4 | 43.0 | 6.8 |
| SC | 105.4 | 55 - 105 | 57.11 | 21180 | 9750 | 9703 | 5060 | 950 | 464 | 80.56 | 27.44 | 8.55 | 1.31 | 99.5 | 43.8 | 60.1 | 10.6 |
| SD | 90.1 | 50 - 110 | 63.14 | 22090 | 8620 | 14055 | 4624 | 681 | 383 | 181.3 | 36.46 | 9.18 | 0.83 | 172 | 24.3 | 35.0 | 17.1 |
| SD4 | 95.0 | 45 - 95 | 61.44 | 24200 | 7750 | 9934 | 4259 | 539 | 284 | 80.14 | 24.80 | 3.88 | 2.02 | 83.1 | 33.3 | 38.6 | 18.5 |
| SE | 111.8 | 50 - 90 | 55.38 | 21390 | 2670 | 10090 | 1390 | 500 | 161 | 86.92 | 4.82 | 6.15 | 0.06 | 106 | 0.89 | 30.0 | <0.1 |
| SE4 | 105.3 | ----- | 53.71 | 2350 | 401 | 1300 | 102 | 138 | 32 | 0.33 | 0.33 | 0.06 | 0.06 | 0.17 | 0.17 | ----- | ----- |
| SM | 86.0 | ----- | 55.21 | 28690 | 27614 | 16839 | 13841 | 1492 | 1492 | 137.4 | 79.51 | 4.67 | 3.65 | 173 | 90.9 | 39.9 | 1.8 |
| SN | 67.5 | ----- | 55.48 | 26460 | 23007 | 12929 | 10763 | 1315 | 1315 | 132.7 | 48.46 | 12.3 | 3.45 | 152 | 83.8 | 16.5 | 8.1 |
| SO | 92.3 | ----- | 55.11 | 18830 | 2230 | 10211 | 1140 | 567 | 94 | 98.58 | 1.36 | 4.72 | 0.03 | 161 | 2.82 | 48.6 | <0.1 |
| SP | 94.4 | ----- | 55.37 | 22670 | 5230 | 12082 | 2994 | 574 | 325 | 116.6 | 11.90 | 5.86 | 0.31 | 174 | 11.0 | 62.0 | 1.0 |
| SQ | 95.0 | 55 - 95 | 58.18 | 16640 | 5930 | 8940 | 2630 | 619 | 230 | 42.40 | 10.70 | 1.95 | 0.91 | 70.3 | 20.6 | 40.0 | 11.6 |
| SR | 95.0 | 50 - 90 | 58.25 | 24640 | 17800 | 12180 | 8480 | 1028 | 967 | 93.70 | 35.40 | 5.51 | 2.85 | 156 | 67.2 | 42.0 | 7.1 |
| SS | 101.0 | 51 - 101 | 63.87 | 16630 | 6140 | 7763 | 3000 | 391 | 306 | 42.40 | 13.00 | 1.32 | 0.74 | 31.2 | 23.0 | 26.5 | 6.0 |
| ST | 97.0 | 55 - 97 | 59.31 | 6300 | 2690 | 3022 | 1030 | 371 | 204 | 15.74 | 3.42 | 1.40 | 0.27 | 17.0 | 4.68 | 19.0 | 4.3 |
| SV | 78.2 | 55 - 105 | 64.60 | 21900 | 9150 | 9747 | 4100 | 993 | 438 | 56.00 | 19.60 | 5.79 | 1.04 | 92.6 | 35.5 | 94.0 | 9.7 |
| SW | 81.9 | 35 - 80 | 60.70 | 18774 | 18774 | 8991 | 8991 | 978 | 978 | 45.73 | 45.73 | 2.60 | 2.60 | 68.2 | 68.2 | 5.4 | 5.4 |
| SZ | 62.6 | 40 - 70 | 49.63 | 31830 | 31230 | 15068 | 14526 | 965 | 965 | 157.3 | 142.5 | 9.70 | 3.83 | 183 | 169 | 29.9 | 18.5 |
| T | 70.2 | 61 - 71 | 57.60 | 38846 | 1920 | 26240 | 746 | 2600 | 160 | 138.4 | 3.83 | 168 | 0.83 | 278 | 5.85 | 240 | 46.9 |
| T1 | ----- | 121 - 171 | 146.13 | 4530 | 4530 | 2609 | 2609 | 234 | 177 | 11.36 | 10.69 | 1.22 | 1.12 | 12.5 | 12.5 | 37.7 | 28.1 |
| T2 | 186.0 | 100 - 186 | 135.89 | 11570 | 7160 | 6377 | 3580 | 447 | 377 | 44.73 | 14.90 | 10.7 | 0.67 | 48.5 | 24.2 | 29.6 | 10.0 |
| TA | 62.4 | 35 - 65 | 40.64 | 35216 | 1060 | 17639 | 362 | 1956 | 80 | 173.0 | 1.60 | 118 | 0.96 | 233 | 2.88 | 98.5 | 16.3 |
| TB | 64.4 | 35 - 65 | 33.11 | 33612 | 435 | 15150 | 99 | 2731 | 19 | 447.0 | 0.42 | 213 | 0.10 | 313 | 0.80 | 130 | 5.8 |
| W | 99.3 | 58 - 118 | 46.90 | 11770 | 1800 | 2306 | 607 | 709 | 154 | 0.09 | 0.07 | 2.50 | 0.04 | 0.10 | <0.03 | 23.4 | 0.3 |
| W2 | 79.1 | ----- | 56.21 | 3240 | 1870 | 1807 | 756 | 234 | 184 | 1.00 | 0.03 | 2.04 | 0.02 | 0.10 | <0.03 | 21.1 | 1.1 |
| WN4 | 142.4 | 50 - 190 | 94.96 | 29654 | 7310 | 11723 | 2930 | 1969 | 452 | 47.76 | 7.86 | 0.15 | <0.01 | 114 | 22.3 | 7.3 | 2.6 |
| WR5 | 72.4 | 60 - 80 | 38.69 | 8230 | 2040 | 4537 | 716 | 376 | 203 | 46.64 | 0.08 | 42.0 | 0.01 | 53.8 | 0.04 | 30.8 | 1.8 |
| WR6 | 96.8 | 55 - 85 | 3.04 | 3740 | 1800 | 1955 | 834 | 156 | 156 | 5.17 | 0.08 | 2.12 | 0.08 | 1.26 | 0.01 | 9.0 | 5.5 |
| WR7 | 97.3 | 55 - 85 | 38.91 | 3390 | 1900 | 1987 | 634 | 237 | 197 | 3.24 | 0.14 | 1.61 | <0.01 | 0.20 | 0.05 | 22.9 | 1.8 |
| WR8 | 110.2 | 50 - 100 | 38.72 | 1910 | 1770 | 1032 | 746 | 163 | 163 | 0.06 | 0.06 | 1.24 | 0.05 | 0.02 | <0.01 | 12.5 | 3.8 |
| WR9 | 111.3 | 50 - 100 | 46.82 | 2800 | 1880 | 1011 | 714 | 200 | 200 | 0.13 | 0.08 | 1.11 | 0.01 | 0.10 | <0.03 | 27.1 | 1.8 |
| WR10 | 120.6 | 60 - 110 | 48.52 | 3590 | 1640 | 2006 | 751 | 227 | 145 | 0.03 | 0.03 | 2.10 | 0.08 | 0.12 | <0.01 | 14.5 | 4.0 |
| WR11 | 120.5 | 60 - 110 | 48.29 | 7050 | 1540 | 3159 | 619 | 340 | 125 | 10.26 | 0.39 | 2.51 | 0.05 | 0.10 | <0.03 | 26.7 | 0.8 |
| WR16 | 122.3 | 40 - 120 | 44.22 | 2917 | 2310 | 1340 | 1270 | 174 | 127 | 4.76 | 0.25 | 0.47 | 0.27 | 8.87 | 0.19 | 4.5 | 2.7 |
| WR17 | 124.4 | 40 - 120 | 4.71 | 3730 | 1870 | 2038 | 939 | 151 | 107 | 7.13 | 0.09 | 0.71 | 0.01 | 3.81 | <0.03 | 5.3 | 5.3 |

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|-------|--------|-----------------|-------|-------|-------|-------|--------|------|--------|------|--------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| WR18 | 73.7 | 20 - 70 | 2.43 | 2265 | 1600 | 1233 | 879 | 104 | 43 | 0.11 | 0.01 | 0.05 | <0.01 | 0.08 | <0.03 | 5.1 | 5.1 |
| WR19 | 87.8 | 25 - 85 | 3.91 | 5712 | 2660 | 2938 | 1480 | 378 | 200 | 21.90 | 3.41 | 1.53 | 0.53 | 0.15 | 0.11 | 79.3 | 79.3 |
| WR20 | 102.3 | 42 - 102 | 8.26 | 4450 | 2830 | 1910 | 1490 | 199 | 192 | 0.14 | 0.07 | 0.61 | 0.04 | 0.03 | <0.03 | 68.8 | 68.8 |
| WR21 | 88.9 | 28 - 88 | 24.00 | 4510 | 3890 | 1910 | 1910 | 180 | 180 | 0.19 | 0.12 | 0.16 | 0.13 | 0.03 | <0.03 | 33.1 | 33.1 |
| WR22 | 91.5 | 30 - 90 | 35.65 | 3790 | 3430 | 1890 | 1890 | 104 | 104 | 0.17 | 0.17 | 0.17 | 0.13 | 0.03 | <0.03 | 43.2 | 43.2 |
| WR23 | 94.3 | 32 - 92 | 3.30 | 3510 | 3230 | 1920 | 1850 | 112 | 112 | 0.16 | 0.16 | 0.10 | 0.08 | 0.03 | <0.03 | 15.3 | 15.3 |
| WR24 | 89.2 | 50 - 90 | 32.00 | 3610 | 3140 | 2000 | 1800 | 103 | 103 | 0.27 | 0.20 | 0.14 | 0.11 | 0.03 | <0.03 | 17.3 | 17.3 |
| X | 50.7 | ----- | 16.00 | 7820 | 188 | 3786 | 29 | 1064 | 13 | 20.14 | 0.02 | 16.9 | 0.01 | 72.9 | 0.29 | 68.2 | 1.1 |
| X11 | 57.0 | 17 - 57 | 0.50 | 11211 | 11211 | 4680 | 4680 | ----- | ----- | 64.40 | 64.40 | 60.0 | 60.0 | 71.2 | 71.2 | ----- | ----- |
| X12 | 57.0 | 17 - 57 | 0.50 | 26034 | 26034 | 15460 | 15460 | ----- | ----- | 52.85 | 52.85 | 20.0 | 20.0 | 41.9 | 41.9 | ----- | ----- |
| X13 | 56.0 | 16 - 56 | 40.76 | 3290 | 3290 | 1500 | 1500 | 254 | 254 | 14.05 | 11.00 | 0.76 | 0.56 | 7.62 | 2.94 | 3.7 | 0.8 |
| X14 | 56.0 | 16 - 56 | 39.80 | 3650 | 3650 | 1660 | 1660 | 245 | 245 | 11.48 | 7.70 | 0.66 | 0.56 | 6.23 | 5.56 | <0.1 | <0.1 |
| X15 | 57.0 | 17 - 57 | 40.54 | 4370 | 4190 | 1990 | 1990 | 267 | 267 | 14.50 | 13.40 | 0.73 | 0.58 | 5.66 | 1.88 | 6.8 | 6.5 |
| X16 | 47.0 | 22 - 47 | 40.65 | 3520 | 3520 | 1650 | 1610 | 297 | 250 | 16.90 | 16.90 | 0.71 | 0.50 | 6.79 | 2.14 | 15.9 | 5.4 |
| Y | 60.8 | 54 - 59 | 6.00 | 53000 | 1150 | 3350 | 341 | 700 | 76 | 18.66 | 0.67 | 1.87 | 0.12 | 32.8 | 2.10 | 106 | 2.0 |
| Z | 73.9 | 60 - 70 | 5.00 | 5220 | 1798 * | 3234 | 765 * | 461 | 203 * | 22.12 | 0.29 * | 1.70 | 0.01 * | 19.6 | 0.22 * | 46.1 | 4.0 * |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 177 | 157 | 167 | 121 | 126 | 83 | 125 | 88 | 166 | 118 | 134 | 108 | 109 | 37 |
| % Exceeding = | | | | 96 | 85 | 91 | 66 | 68 | 45 | 68 | 48 | 90 | 64 | 73 | 59 | 59 | 20 |
| Total Number of Wells = 184 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

Yellow background = Exceeds Present State Standard

% = Percentage of Wells that Exceed Present State Standard

* = Latest Value is Pre-1994

C05

**TABLE A-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|--------|-----------------|--------|-----|-------|-------|----------|------|--------|-------|--------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| Broadview | | | | | | | | | | | | | | | | | |
| 0410 | 105 | 90 - 105 | 33.36 | 2682 | 1781 | 1920 | 718 | 194 | 194 | 3.00 | 0.05 | 0.52 | 0.02 | 1.02 | <0.03 | 3.6 | 1.9 |
| 0411 | 70 | 65 - 70 | 35.10 | 2810 | 1680 * | 1740 | 732 * | 305 | 163 * | 4.16 | 3.31 * | 1.20 | 0.03 * | 0.08 | 0.02 * | 370 | 5.2 * |
| 0412 | ---- | ---- | ---- | 3000 | 3000 * | 1520 | 1494 * | 213 | 191 * | 0.05 | 0.04 * | 0.09 | 0.01 * | 0.07 | 0.02 * | 12.0 | 9.0 * |
| 0413 | ---- | ---- | 35.25 | 1782 | 1782 | 673 | 673 | 182 | 182 | 0.03 | 0.03 | 0.01 | 0.01 | 0.03 | <0.03 | 1.7 | 1.7 |
| 0421 | 88 | 72 - 102 | 37.58 | 1870 | 1870 | 711 | 674 | 203 | 198 | 0.06 | 0.01 | 0.17 | <0.01 | 0.03 | <0.03 | 1.9 | 1.7 |
| 0422 | 80 | 60 - 80 | 32.82 | 2270 | 1819 | 1200 | 684 | 202 | 202 | 0.12 | 0.02 | 0.13 | <0.01 | 0.04 | <0.03 | 6.6 | 1.5 |
| 0423 | ---- | ---- | ---- | 1900 | 1773 | 1136 | 651 | 248 | 190 | 0.05 | 0.02 | 0.09 | 0.01 | 0.03 | <0.03 | 6.6 | 1.5 |
| 0425 | 90 | 50 - 90 | 32.42 | 1800 | 1797 | 909 | 669 | 194 | 194 | 0.03 | <0.01 | 0.12 | 0.01 | 0.03 | <0.03 | 21.0 | 1.7 |
| 0426 | 100 | 80 - 100 | 30.65 | 2270 | 2270 * | 760 | 760 * | 120 | 120 * | 0.05 | <0.008 * | 0.32 | 0.15 * | 0.02 | 0.02 * | 3.6 | 3.6 * |
| 0427 | 121 | 62 - 120 | 35.00 | 1900 | 1741 | 849 | 665 | 191 | 191 | 0.02 | 0.02 | 0.17 | <0.005 | 0.04 | <0.03 | 4.1 | 0.3 |
| 0428 | 110 | 83 - 104 | ---- | 2570 | 2570 | 1000 | 1000 | 351 | 351 | 0.02 | 0.02 | 0.05 | 0.05 | 0.03 | <0.03 | 30.3 | 30.3 |
| 0429 | 100 | 58 - 75 | 37.21 | 2130 | 2083 | 1060 | 810 | 283 | 283 | 0.08 | 0.02 | 0.28 | 0.02 | 0.03 | <0.03 | 9.3 | 9.3 |
| 0430 | 145 | ---- | ---- | 2940 | 2940 * | 1109 | 697 * | 184 | 163 * | 3.62 | 0.14 * | 0.25 | 0.10 * | 0.25 | 0.07 * | 2.2 | 2.1 * |
| 0431 | 130 | 125 - 130 | 35.00 | 5950 | 1709 | 3227 | 668 | 312 | 180 | 17.05 | 0.02 | 2.30 | 0.01 | 5.78 | <0.03 | 7.5 | 1.9 |
| 0432 | ---- | ---- | ---- | 1660 | 1660 * | 1840 | 627 * | 284 | 156 * | 0.34 | 0.07 * | 2.50 | 0.02 * | 0.02 | 0.01 * | 1.2 | 1.2 * |
| 0433 | 90 | 58 - 84 | 36.05 | 2053 | 2053 | 1986 | 839 | 234 | 189 | 1.10 | 0.03 | 2.40 | 0.01 | 0.03 | <0.03 | 3.5 | 3.5 |
| 0435 | 85 | ---- | 34.75 | 1860 | 1860 | 1530 | 689 | 206 | 206 | 0.10 | 0.08 | 2.50 | 0.02 | 0.03 | <0.03 | 2.0 | 1.6 |
| 0438 | 120 | 70 - 100 | ---- | 1090 | 1090 * | 665 | 665 * | 149 | 149 * | 0.03 | 0.03 * | 0.02 | 0.02 * | 0.03 | 0.03 * | 3.1 | 3.1 * |
| 0439 | 97 | 77 - 97 | 39.80 | 1870 | 1782 | 1400 | 727 | 184 | 182 | 0.23 | 0.04 | 1.90 | <0.005 | 0.03 | <0.03 | 3.5 | 1.3 |
| 0440 | ---- | ---- | ---- | 2030 | 1720 * | 1010 | 676 * | 156 | 121 * | 0.72 | 0.54 * | 0.38 | 0.03 * | 0.02 | 0.02 * | 1.9 | 1.3 * |
| 0441 | 116 | 106 - 116 | 35.19 | 2820 | 1250 | 1403 | 532 | 188 | 188 | 2.37 | 0.16 | 0.20 | 0.01 | 0.49 | <0.03 | 4.4 | <0.1 |
| 0442 | 100 | 70 - 100 | 37.15 | 2010 | 2010 * | 948 | 948 * | 156 | 156 * | 3.00 | 3.00 * | 0.17 | 0.17 * | 0.03 | 0.03 * | 2.7 | 2.7 * |
| 0443 | ---- | 60 - 80 | ---- | 1830 | 1830 * | 2230 | 764 * | 262 | 128 * | 5.17 | 0.37 * | 3.90 | 0.03 * | 0.26 | 0.26 * | 1.9 | 1.9 * |
| 0444 | 80 | ---- | 28.84 | 1801 | 1801 | 2170 | 730 | 255 | 189 | 3.19 | 0.10 | 1.50 | 0.01 | 0.09 | 0.09 | 1.4 | 1.4 |
| 0445 | 108 | 75 - 105 | ---- | 2760 | 1740 * | 2224 | 901 * | 248 | 156 * | 5.77 | 2.83 * | 2.20 | 0.10 * | 0.79 | 0.14 * | 4.4 | 1.5 * |
| 0446 | 110 | 60 - 95 | 41.28 | 2520 | 1420 | 1896 | 576 | 248 | 196 | 0.24 | 0.02 | 0.15 | 0.01 | 0.05 | <0.03 | 7.4 | 2.0 |
| 0447 | 142 | 120 - 142 | 41.18 | 2690 | 2480 * | 1428 | 1337 * | 149 | 149 * | 1.65 | 1.52 * | 0.33 | 0.25 * | 0.24 | 0.24 * | 3.0 | 3.0 * |
| 0448 | ---- | ---- | ---- | 2920 | 2920 * | 1400 | 1400 * | 229 | 229 * | 0.17 | 0.17 | 0.05 | 0.05 * | ---- | ---- | 12.7 | 6.5 * |
| 0450 | ---- | 70 - 105 | 42.29 | 3444 | 1836 | 2002 | 690 | 220 | 197 | 0.07 | 0.07 | 1.78 | 0.01 | 0.05 | <0.03 | 9.8 | 1.4 |
| 0451 | ---- | ---- | ---- | 1890 | 1890 | 642 | 642 | 199 | 199 | 0.04 | 0.04 | 0.02 | 0.02 | <0.03 | <0.03 | 1.6 | 1.6 |
| 0452 | 100 | 40 - 100 | 41.20 | 1845 | 1845 | 671 | 671 | 192 | 192 | 0.28 | 0.05 | 0.04 | <0.005 | 0.04 | <0.03 | 2.4 | 1.4 |
| 0453 | 110 | 60 - 110 | 34.93 | 2590 | 1650 | 1408 | 609 | 385 | 190 | 0.20 | 0.02 | 0.04 | 0.01 | 0.11 | <0.03 | 16.4 | 1.8 |
| SUB1 | ---- | ---- | 34 | 3230 | 2020 | 1777 | 842 | 483 | 180 | 2.18 | 0.17 | 1.07 | 0.02 | 0.22 | <0.03 | 19.8 | 2.3 |
| SUB2 | ---- | ---- | 40.92 | 4110 | 1880 | 2216 | 676 | 293 | 189 | 1.34 | 0.12 | 1.80 | 0.01 | 0.14 | <0.03 | 20.0 | 1.6 |
| SUB3 | 84 | 56 - 72 | 28.80 | 3800 | 2560 | 3220 | 1330 | 268 | 123 | 8.90 | 0.03 | 3.00 | 0.02 | 0.13 | <0.03 | 62.0 | 2.2 |
| SUB4 | 100 | 60 - 85 | 49.11 | 2020 | 1680 * | 2077 | 721 * | 185 | 163 * | 0.14 | <0.01 * | 2.10 | 0.01 * | 0.20 | 0.01 * | 13.7 | 4.3 * |
| SUB5 | 86 | 55 - 80 | ---- | 4546 | 1700 * | 2680 | 696 * | 264 | 163 * | 2.20 | 2.00 * | 9.17 | 0.01 * | 6.44 | 0.76 * | 8.3 | 1.6 * |
| SUB6 | 82 | 52 - 82 | ---- | 4103 | 1680 * | 2471 | 724 * | 290 | 170 * | 5.70 | 0.09 * | 5.15 | 0.01 * | 0.11 | 0.01 * | 16.8 | 3.3 * |
| SUB7 | 98 | 78 - 98 | ---- | 4280 | 4280 * | 1682 | 667 * | 213 | 163 * | 0.09 | 0.06 * | 3.22 | 0.01 * | 0.10 | 0.01 * | 30.4 | 7.1 * |
| SUB8 | 150 | 60 - 90 | ---- | 4870 | 1620 * | 2679 | 618 * | 284 | 163 * | 7.76 | <0.008 * | 3.30 | 0.06 * | 1.78 | 0.04 * | 7.0 | 1.0 * |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 38 | 38 | 31 | 5 | 14 | 2 | 7 | 0 | 30 | 3 | 4 | 0 | 11 | 1 |
| % Exceeding = | | | | 95 | 95 | 78 | 13 | 35 | 5 | 18 | 0 | 75 | 8 | 10 | 0 | 28 | 3 |
| Total Number of Wells = 40 | | | | | | | | | | | | | | | | | |

**TABLE A-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|--------|-----------------|-------|-----|------|-------|--------|------|--------|------|--------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0481 | 320 | 270 - 310 | ----- | 1990 | 1450 * | 1110 | 750 * | 99 | 64 * | 0.98 | 0.42 * | 0.32 | 0.08 * | 0.16 | 0.10 * | 2.0 | 1.8 * |
| 0482 | 260 | 220 - 260 | 35.85 | 2690 | 1906 | 1300 | 716 | 240 | 197 | 6.53 | 0.25 | 0.80 | 0.02 | 2.35 | <0.03 | 4.2 | 1.8 |
| 0483 | 280 | ----- | 36.93 | 3800 | 1891 | 2100 | 711 | 277 | 198 | 12.30 | 0.22 | 1.60 | 0.04 | 4.93 | 0.08 | 5.3 | 1.1 |
| 0490 | 63 | 20 - 80 | 37.23 | 2740 | 1880 | 1316 | 715 | 217 | 207 | 4.62 | 0.25 | 3.65 | 0.03 | 2.12 | 0.12 | 13.6 | 1.8 |
| 0491 | 63 | 30 - 63 | 39.32 | 3270 | 3270 | 1414 | 1200 | 412 | 191 | 4.03 | 0.66 | 0.46 | 0.1 | 2.03 | 0.06 | 6.9 | 1.6 |
| 0492 | 60 | 40 - 60 | 34.7 | 2320 | 1920 | 1179 | 785 | 284 | 182 | 0.67 | 0.24 | 0.12 | 0.04 | 0.15 | <0.03 | 15.0 | 2.0 |
| 0495 | ----- | ----- | ----- | 1843 | 1843 | 736 | 736 | 202 | 202 | 0.06 | 0.06 | 0.01 | <0.005 | 0.03 | <0.03 | 0.6 | 0.6 |
| 0496 | 94.43 | 53 - 93 | 75.32 | 1940 | 1880 | 841 | 630 | 184 | 184 | 0.95 | 0.52 | 0.17 | 0.08 | 0.06 | <0.03 | 2.1 | 1.6 |
| 0497 | 94 | 64 - 94 | 55.71 | 2050 | 2050 | 779 | 680 | 190 | 188 | 1.49 | 0.86 | 0.07 | 0.06 | 0.03 | <0.03 | 1.6 | 1.6 |
| CW44 | 208 | ----- | 157.65 | 2060 | 1970 | 909 | 822 | 208 | 186 | 1.41 | 0.85 | 0.10 | 0.08 | 0.03 | <0.03 | 2.5 | 2.5 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 10 | 9 | 6 | 1 | 3 | 0 | 2 | 0 | 6 | 0 | 4 | 0 | 2 | 0 |
| % Exceeding = | | | | 100 | 90 | 60 | 10 | 30 | 0 | 20 | 0 | 60 | 0 | 40 | 0 | 20 | 0 |
| Total Number of Wells = 10 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

= Exceeds Present State Standard

% = Percentage of Wells that Exceed Present State Standard

* = Latest Value is Pre-1994

C07

**TABLE A-3. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MURRAY ACRES AND PLEASANT VALLEY ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|-------|------|-----------------|------|------|------|------|------|------|--------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| Murray Acres | | | | | | | | | | | | | | | | | |
| 0801 | 100 | 80 - 100 | 36.85 | 2400 | 1339 | 2010 | 458 | 191 | 147 | 0.07 | 0.02 | 6.00 | <0.005 | 0.03 | <0.03 | 10.2 | 0.3 |
| 0802 | 98 | 75 - 81 | 40.2 | 1961 | 1880 | 1049 | 673 | 207 | 168 | 1509 | 1.03 | 0.37 | 0.04 | 0.10 | <0.03 | 28.5 | 1.8 |
| 0803 | 290 | 85 - 180 | 84.86 | 2040 | 2040 | 1010 | 895 | 154 | 154 | 0.08 | 0.08 | 0.26 | 0.01 | 0.10 | 0.100 | 1.1 | 1.1 |
| 0804 | 137 | 125 - 136 | 46.6 | 2740 | 1920 | 1528 | 797 | 207 | 165 | 0.14 | 0.06 | 0.19 | 0.06 | 0.05 | <0.03 | 8.2 | 2.6 |
| 0805 | 140 | 100 - 140 | 59.34 | 2580 | 2092 | 1618 | 1125 | 206 | 135 | 0.41 | 0.07 | 0.07 | 0.03 | 0.05 | <0.03 | 9.4 | 1.8 |
| 0810 | 105 | 75 - 101 | ---- | 2800 | 2724 | 1484 | 1359 | 221 | 221 | 0.12 | 0.05 | 0.62 | 0.07 | 0.06 | <0.03 | 5.9 | 5.1 |
| 0811 | 140 | 100 - 140 | ---- | 28600 | 2260 | 1457 | 1180 | 480 | 156 | 0.09 | 0.03 | 0.17 | 0.02 | 0.05 | 0.020 | 15.4 | 6.2 |
| 0815 | 255 | ---- | 29.14 | 3280 | 1450 | 2140 | 711 | 326 | 93 | 0.12 | 0.00 | 0.13 | 0.00 | 0.10 | <0.03 | 27.1 | 4.0 |
| 0844 | 75 | 35 - 75 | 34.26 | 4200 | 2360 | 2304 | 869 | 255 | 178 | 0.85 | 0.07 | 0.09 | 0.02 | 0.06 | <0.03 | 21.0 | 7.0 |
| 0845 | 65 | 45 - 65 | 34.5 | 3570 | 1930 | 1751 | 620 | 452 | 190 | 0.16 | 0.07 | 0.04 | 0.02 | 0.11 | <0.03 | 22.0 | 2.3 |
| AW | 156 | ---- | 15 | 4440 | 1710 | 2991 | 942 | 312 | 177 | 7.89 | 0.62 | 1.90 | 0.03 | 27.0 | 0.24 | 42.6 | 5.7 |
| HW | 115 | 60 - 94 | 40 | 2280 | 2274 | 2708 | 1002 | 234 | 204 | 0.08 | 0.07 | 0.29 | 0.04 | 0.12 | <0.03 | 10.3 | 3.1 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 12 | 9 | 12 | 4 | 5 | 0 | 2 | 0 | 9 | 0 | 1 | 0 | 6 | 0 |
| % Exceeding = | | | | 100 | 75 | 100 | 33 | 42 | 0 | 17 | 0 | 75 | 0 | 8 | 0 | 50 | 0 |
| Total Number of Wells = 12 | | | | | | | | | | | | | | | | | |
| Pleasant Valley | | | | | | | | | | | | | | | | | |
| 0688 | 105 | 65 - 105 | 61.61 | 1930 | 1840 | 1290 | 719 | 189 | 163 | 0.07 | 0.05 | 0.03 | 0.02 | 0.03 | <0.03 | 2.8 | 1.3 |
| 0831 | ---- | ---- | 54.95 | 4620 | 2938 | 1901 | 1443 | 252 | 252 | 0.10 | 0.10 | 0.15 | 0.07 | 0.15 | <0.03 | 8.0 | 4.2 |
| 0833 | 110 | 60 - 90 | 46.61 | 2760 | 2760 | 1242 | 1242 | 257 | 257 | 0.09 | 0.09 | 0.04 | 0.02 | 0.03 | <0.03 | 7.7 | 3.1 |
| 0834 | 100 | 60 - 80 | ---- | 2557 | 2557 | 1228 | 1228 | 204 | 204 | 0.05 | 0.05 | 0.07 | 0.07 | 0.03 | <0.03 | 7.1 | 0.9 |
| 0835 | 98 | 73 - 94 | 49.74 | 3374 | 3040 | 1816 | 1500 | 261 | 261 | 0.17 | 0.08 | 0.06 | 0.05 | 0.03 | <0.03 | 23.4 | 3.6 |
| 0836 | 90 | 65 - 80 | ---- | 1340 | 1340 | 775 | 775 | ---- | ---- | 0.04 | 0.01 | 0.26 | 0.04 | 0.02 | 0.02 | 4.6 | 4.6 |
| 0838 | 100 | ---- | 49.03 | 2566 | 2566 | 1208 | 1208 | 208 | 208 | 0.06 | 0.06 | 0.06 | 0.06 | 0.03 | <0.03 | 4.8 | 4.8 |
| 0839 | 100 | 80 - 96 | 50.00 | 2390 | 1688 | 1483 | 770 | 154 | 154 | 0.03 | 0.03 | 0.11 | 0.03 | 0.03 | <0.03 | 8.8 | 2.3 |
| 0840 | 98 | 73 - 94 | 47.32 | 2790 | 781 | 1602 | 288 | 199 | 27 | 0.09 | 0.01 | 0.08 | 0.01 | 0.05 | <0.03 | 24.0 | 3.9 |
| 0841 | 100 | ---- | 54.66 | 2300 | 2025 | 1370 | 967 | 152 | 152 | 0.04 | 0.04 | 0.09 | 0.06 | 0.03 | <0.03 | 6.8 | 3.2 |
| 0843 | 120 | 100 - 110 | 52.40 | 2100 | 1868 | 1274 | 695 | 197 | 197 | 0.09 | 0.06 | 0.07 | 0.01 | 0.06 | <0.03 | 20.6 | 1.3 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 10 | 8 | 10 | 5 | 3 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 |
| % Exceeding = | | | | 91 | 73 | 91 | 45 | 27 | 27 | 0 | 0 | 18 | 0 | 0 | 0 | 27 | 0 |
| Total Number of Wells = 11 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Present State Standard
 % = Percentage of Wells that Exceed Present State Standard
 * = Latest Value is Pre-1994

C08

**TABLE A-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|-------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0520 | 75 | 35 - 75 | 56.7 | 2070 | 1970 | 850 | 850 | 206 | 206 | 0.020 | 0.01 | 0.23 | 0.03 | 5.84 | 3.85 | 1.7 | 1.7 |
| 0521 | 75 | 35 - 75 | 52.5 | 2120 | 2120 | 913 | 913 | 232 | 232 | 2.77 | 2.12 | 0.16 | 0.16 | 3.17 | 3.17 | 1.9 | 1.9 |
| 0531 | ---- | ---- | 79.24 | 1840 | 1840 | 804 | 670 | 124 | 124 | 0.17 | 0.12 | 0.05 | 0.03 | 0.03 | <0.03 | 3.3 | 2.0 |
| 0532 | ---- | ---- | ---- | 661 | 490 | 240 | 171 | 57.2 | 24 | 0.01 | 0.01 | 0.02 | 0.01 | 0.03 | <0.03 | 16.0 | 3.1 |
| 0533 | ---- | ---- | ---- | 470 | 470 | 170 | 170 | 17 | 17 | 0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | 16.4 | 16.4 |
| 0631 | 118 | 58 - 118 | 103.72 | 1650 | 1560 | 820 | 819 | 93.5 | 93 | 0.03 | 0.02 | 0.28 | 0.21 | 0.03 | <0.03 | 2.2 | 2.0 |
| 0632 | 110 | 70 - 110 | 103.86 | 1710 | 1580 | 874 | 688 | 114 | 113 | 0.03 | 0.02 | 0.33 | 0.28 | 0.03 | <0.03 | 2.5 | 2.5 |
| 0633 | 83 | 11 - 83 | 74.83 | 1970 | 1970 | 756 | 756 | 184 | 184 | 0.19 | 0.19 | 0.05 | 0.05 | 0.03 | <0.03 | 3.5 | 3.5 |
| 0634 | 103 | 80 - 100 | 72.39 | 2090 | 2040 | 914 | 812 | 189 | 189 | 0.31 | 0.22 | 0.06 | 0.06 | 0.03 | <0.03 | 3.9 | 3.2 |
| 0636 | 127 | 103 - 123 | 98.40 | 1530 | 1460 | 506 | 446 | 225 | 225 | 0.08 | 0.08 | 0.01 | 0.01 | 0.03 | <0.03 | 14.8 | 14.8 |
| 0637 | 128.7 | 104 - 124 | 102.40 | 1690 | 1690 | 505 | 505 | 200 | 200 | 0.12 | 0.12 | 0.02 | 0.02 | 0.03 | <0.03 | 11.3 | 4.4 |
| 0638 | 75 | 35 - 75 | 59.21 | 2260 | 2260 | 994 | 994 | 263 | 263 | 0.03 | 0.02 | 0.17 | 0.03 | 0.04 | 0.04 | <0.1 | <0.1 |
| 0639 | 80 | 35 - 80 | 55.42 | 2150 | 2150 | 957 | 957 | 223 | 223 | 2.26 | 2.17 | 0.29 | 0.29 | 5.12 | 4.93 | 2.4 | 2.4 |
| 0640 | 84 | 64 - 84 | 52.51 | 1910 | 1860 | 785 | 630 | 220 | 207 | 0.07 | 0.04 | 0.01 | 0.01 | 0.03 | <0.03 | 1.2 | 1.1 |
| 0641 | 95 | 65 - 95 | 50.99 | 1910 | 1890 | 801 | 580 | 221 | 212 | 0.16 | 0.10 | 0.02 | 0.01 | 0.03 | <0.03 | 1.5 | 1.5 |
| 0642 | 95 | 65 - 95 | 51.63 | 1870 | 1850 | 807 | 580 | 216 | 183 | 0.70 | 0.49 | 0.03 | 0.02 | 0.10 | <0.03 | 1.2 | 1.2 |
| 0643 | 108 | 58 - 108 | 71.70 | 2010 | 1930 | 847 | 706 | 194 | 194 | 1.14 | 0.97 | 0.16 | 0.10 | 0.03 | <0.03 | 2.2 | 2.2 |
| 0644 | 110 | 55 - 110 | 71.53 | 1900 | 1900 | 990 | 843 | 135 | 135 | 0.03 | 0.02 | 0.46 | 0.31 | 0.03 | <0.03 | 3.6 | 3.4 |
| 0645 | 80 | 60 - 80 | 66.48 | 1380 | 1370 | 714 | 698 | 67 | 67 | 0.04 | 0.02 | 0.12 | 0.12 | 0.03 | <0.03 | 1.5 | 1.5 |
| 0646 | 100 | 60 - 100 | 73.40 | 1760 | 1740 | 914 | 760 | 109 | 108 | 0.05 | 0.02 | 0.36 | 0.35 | 0.03 | <0.03 | 2.8 | 2.7 |
| 0647 | 140 | 80 - 140 | 110.39 | 1820 | 1470 | 820 | 612 | 175 | 116 | 0.18 | 0.06 | 0.08 | 0.05 | 0.06 | <0.03 | 5.3 | 4.0 |
| 0648 | 120 | 80 - 120 | 109.17 | 1390 | 1210 | 649 | 587 | 104 | 62 | 0.11 | 0.03 | 0.05 | 0.04 | 0.03 | <0.03 | 3.9 | 3.4 |
| 0649 | 124 | 84 - 124 | 108.87 | 1400 | 1120 | 632 | 470 | 67.8 | 50 | 0.08 | 0.05 | 0.05 | 0.03 | 0.03 | <0.03 | 2.9 | 2.4 |
| 0650 | 109 | 89 - 109 | 71.10 | 1457 | 1450 | 717 | 697 | 57.5 | 51 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 | <0.03 | 4.7 | 4.7 |
| 0652 | 88 | 60 - 88 | 81.03 | 1310 | 1200 | 674 | 496 | 175 | 66 | 0.03 | 0.02 | 0.10 | 0.03 | 0.09 | <0.03 | 1.9 | 1.6 |
| 0653 | 206 | 69 - 206 | 171.00 | 2010 | 1910 | 914 | 864 | 180 | 172 | 1.12 | 0.97 | 0.22 | 0.15 | 0.03 | <0.03 | 2.6 | 2.6 |
| 0654 | 120 | 60 - 120 | 74.69 | 2130 | 2100 | 871 | 837 | 187 | 179 | 0.37 | 0.28 | 0.08 | 0.08 | 0.03 | <0.03 | 4.4 | 3.6 |
| 0655 | 96 | 21 - 84 | 75.15 | 2020 | 2020 | 781 | 781 | 188 | 188 | 0.30 | 0.26 | 0.06 | 0.06 | 0.03 | <0.03 | 3.4 | 3.4 |
| 0657 | 128 | 87 - 128 | 99.60 | 1590 | 1550 | 701 | 701 | 91.3 | 91 | 0.07 | 0.06 | 0.06 | 0.05 | 0.03 | <0.03 | 1.8 | 3.4 |
| 0658 | 130 | 89 - 130 | 100.50 | 1340 | 1310 | 650 | 543 | 69.5 | 70 | 0.01 | 0.01 | 0.04 | 0.05 | 0.03 | <0.03 | 3.9 | 2.6 |
| 0659 | 101 | 61 - 101 | 71.34 | 2070 | 2010 | 893 | 806 | 198 | 198 | 0.30 | 0.20 | 0.06 | 0.05 | 0.03 | <0.03 | 3.5 | 3.2 |
| 0680 | 80 | 50 - 80 | 77.39 | 1862 | 926 | 703 | 451 | 207 | 38 | 0.11 | 0.03 | 0.02 | 0.02 | 0.11 | <0.03 | 3.5 | 2.2 |
| 0681 | 117 | 67 - 117 | 64.18 | 1930 | 1930 | 980 | 980 | 93.3 | 93 | 0.02 | 0.02 | 0.05 | 0.03 | 0.03 | <0.03 | 2.7 | 2.7 |
| 0682 | 94 | 54 - 94 | 80.80 | 2150 | 2090 | 990 | 990 | 232 | 151 | 0.25 | 0.18 | 0.20 | 0.20 | 0.03 | <0.03 | 16.2 | 11.5 |
| 0683 | 120 | 80 - 120 | 86.41 | 556 | 467 | 172 | 119 | 19.8 | 9 | 0.01 | 0.00 | 0.01 | <0.01 | 0.03 | <0.03 | 1.9 | 1.3 |
| 0684 | 143 | 83 - 143 | 83.78 | 1430 | 1430 | 565 | 550 | 59.4 | 59 | 0.02 | 0.02 | 0.04 | 0.04 | 0.03 | <0.03 | 3.0 | 2.4 |
| 0685 | 100 | 60 - 100 | 91.03 | 1770 | 1760 | 861 | 680 | 135 | 114 | 0.18 | 0.12 | 0.06 | 0.05 | 0.03 | <0.03 | 4.3 | 3.1 |
| 0686 | 115 | 75 - 115 | 105.96 | 1641 | 1590 | 740 | 485 | 243 | 217 | 0.16 | 0.08 | 0.02 | 0.02 | 0.03 | <0.03 | 20.9 | 18.8 |
| 0687 | 102 | 62 - 102 | 90.20 | 1850 | 1850 | 802 | 720 | 198 | 176 | 0.22 | 0.17 | 0.08 | 0.07 | 0.03 | <0.03 | 11.5 | 8.4 |
| 0692 | 90 | 58 - 90 | 65.87 | 1550 | 1550 | 706 | 550 | 176 | 157 | 0.05 | 0.04 | 0.03 | 0.02 | 0.10 | <0.03 | 1.9 | 1.4 |
| 0846 | 75 | 40 - 65 | 43.90 | 3480 | 3080 | 1957 | 1500 | 177 | 95 | 1.21 | 0.06 | 0.08 | 0.07 | 0.05 | <0.03 | 29.0 | 14.5 |
| 0847 | 92 | 52 - 92 | 53.88 | 1988 | 1930 | 796 | 773 | 186 | 182 | 1.93 | 1.66 | 0.10 | 0.09 | 0.03 | <0.03 | 1.9 | 1.6 |
| 0848 | 92 | 52 - 92 | 59.34 | 1752 | 1620 | 915 | 580 | 185 | 165 | 0.12 | 0.05 | 0.29 | 0.09 | 0.03 | <0.03 | 2.9 | 2.0 |
| 0851 | 91 | 41 - 91 | 73.84 | 1930 | 1930 | 910 | 910 | 35.3 | 35 | 0.10 | 0.06 | 0.17 | 0.17 | 0.03 | <0.03 | 1.8 | 1.8 |
| 0852 | 74 | 54 - 74 | 73.26 | 1220 | 1220 | 555 | 555 | 114 | 112 | 0.02 | 0.02 | 0.02 | 0.02 | 0.06 | 0.060 | 0.2 | 0.2 |
| 0855 | 105 | 70 - 105 | 80.53 | 1770 | 1770 | 799 | 700 | 96.2 | 91 | 0.03 | 0.03 | 0.33 | 0.29 | 0.03 | <0.03 | 3.2 | 2.5 |
| 0861 | 100 | 50 - 100 | 70.24 | 2143 | 1730 | 1023 | 770 | 167 | 115 | 1.10 | 0.08 | 0.34 | 0.34 | 0.03 | <0.03 | 2.9 | 2.8 |
| 0862 | 110 | 63 - 103 | 77.68 | 1980 | 1980 | 1230 | 660 | 182 | 178 | 0.57 | 0.48 | 0.12 | 0.06 | 0.03 | <0.03 | 3.4 | 2.9 |
| 0863 | 110 | 63 - 103 | 90.00 | 1998 | 1980 | 922 | 670 | 185 | 185 | 1.81 | 1.20 | 0.16 | 0.11 | 0.03 | <0.03 | 2.5 | 2.0 |

C09

**TABLE A-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|------|-----------------|------|-----|-----|------|------|------|-------|------|-------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0864 | 95 | 44 - 84 | 69.68 | 2034 | 1880 | 974 | 760 | 183 | 170 | 1.81 | 0.65 | 0.35 | 0.12 | 0.03 | <0.03 | 3.6 | 2.6 |
| 0865 | 97 | 37 - 97 | 67.84 | 2297 | 1970 | 1160 | 760 | 174 | 170 | 0.46 | 0.17 | 0.61 | 0.25 | 0.03 | <0.03 | 5.3 | 4.3 |
| 0866 | 120 | 33 - 113 | 63.67 | 2046 | 1940 | 887 | 670 | 192 | 177 | 2.34 | 1.40 | 0.17 | 0.13 | 0.03 | <0.03 | 2.3 | 1.5 |
| 0867 | 88 | 48 - 88 | 68.00 | 1888 | 1410 | 922 | 480 | 169 | 157 | 0.04 | 0.02 | 0.46 | 0.18 | 0.03 | <0.03 | 5.4 | 4.9 |
| 0868 | 103 | 53 - 103 | 60.78 | 2220 | 1740 | 1001 | 610 | 199 | 199 | 0.39 | 0.07 | 0.18 | 0.05 | 0.03 | <0.03 | 1.9 | 1.5 |
| 0869 | 94 | 44 - 94 | 88.51 | 2086 | 1650 | 1055 | 690 | 181 | 161 | 0.41 | 0.03 | 0.42 | 0.21 | 0.03 | <0.03 | 3.1 | 2.5 |
| 0871 | 100 | 60 - 100 | 66.86 | 1400 | 1400 | 743 | 743 | 86 | 86 | 0.17 | 0.17 | 0.17 | 0.17 | 0.03 | <0.03 | 2.6 | 2.6 |
| 0876 | 95 | 58 - 88 | 69.24 | 2145 | 2050 | 1080 | 820 | 173 | 159 | 0.63 | 0.52 | 0.58 | 0.31 | 0.03 | <0.03 | 4.4 | 2.9 |
| 0877 | 70 | 58 - 68 | 63.58 | 1335 | 1190 | 528 | 265 | 207 | 207 | 0.07 | 0.07 | 0.19 | 0.02 | 0.03 | <0.03 | 1.9 | 1.9 |
| 0879 | 70 | 48 - 68 | 64.68 | 1461 | 1430 | 739 | 739 | 201 | 87 | 0.05 | 0.02 | 0.22 | 0.21 | 0.03 | <0.03 | 1.4 | 1.3 |
| 0881 | 96 | 76 - 96 | 74.60 | 2110 | 2050 | 951 | 819 | 189 | 177 | 0.43 | 0.24 | 0.09 | 0.06 | 0.03 | <0.03 | 4.2 | 3.4 |
| 0882 | 110 | 70 - 110 | 66.55 | 1770 | 1770 | 864 | 864 | 51 | 47 | 0.02 | 0.01 | 0.01 | <0.01 | 0.03 | <0.03 | 0.8 | <0.1 |
| 0883 | 100 | 60 - 90 | 59.85 | 2510 | 2020 | 1357 | 878 | 184 | 173 | 0.05 | 0.02 | 0.12 | 0.07 | 0.03 | <0.03 | 5.8 | 5.8 |
| 0884 | 90 | 58 - 88 | 75.16 | 2720 | 2560 | 1370 | 1200 | 166 | 153 | 0.61 | 0.55 | 0.35 | 0.17 | 0.03 | <0.03 | 17.7 | 12.9 |
| 0885 | 100 | 70 - 100 | 67.00 | 2100 | 1820 | 1100 | 720 | 188 | 170 | 0.10 | 0.07 | 0.07 | 0.03 | 0.09 | <0.03 | 3.3 | 1.4 |
| 0886 | 90 | 60 - 90 | 70.52 | 2440 | 2440 | 1185 | 1050 | 203 | 180 | 0.69 | 0.48 | 0.15 | 0.15 | 0.09 | 0.040 | 8.3 | 8.3 |
| 0888 | 105 | 75 - 105 | 78.26 | 2400 | 2390 | 1227 | 957 | 182 | 166 | 0.66 | 0.54 | 0.18 | 0.11 | 0.03 | <0.03 | 8.7 | 8.7 |
| 0889 | 65 | 35 - 65 | 63.31 | 1456 | 578 | 619 | 240 | 164 | 25 | 0.07 | 0.07 | 0.01 | 0.01 | 0.04 | <0.03 | 0.5 | 0.5 |
| 0890 | 101 | 81 - 101 | 74.76 | 2010 | 1970 | 876 | 798 | 187 | 185 | 0.27 | 0.27 | 0.08 | 0.05 | 0.03 | <0.03 | 3.4 | 2.7 |
| 0893 | 98 | 78 - 98 | 70.68 | 18500 | 1850 | 899 | 728 | 163 | 163 | 0.12 | 0.08 | 0.08 | 0.02 | 0.03 | <0.03 | 2.5 | 1.4 |
| 0894 | 78 | 58 - 78 | 78.00 | 2100 | 2100 | 956 | 797 | 182 | 177 | 0.36 | 0.30 | 0.08 | 0.08 | 0.03 | <0.03 | 4.3 | 4.2 |
| 0895 | 104 | 61 - 101 | 82.00 | 1890 | 1850 | 1010 | 768 | 142 | 131 | 0.09 | 0.09 | 0.08 | 0.07 | 0.03 | <0.03 | 10.0 | 10.0 |
| 0896 | 113 | 73 - 113 | 83.11 | 1960 | 1950 | 1030 | 853 | 207 | 194 | 0.03 | 0.03 | 0.11 | 0.09 | 0.03 | <0.03 | 20.2 | 8.3 |
| 0897 | 93 | 63 - 93 | 83.28 | 1530 | 1040 | 576 | 432 | 148 | 101 | 0.07 | 0.06 | 0.01 | 0.01 | 0.03 | <0.03 | 0.2 | 0.2 |
| 0899 | 110 | 70 - 110 | 97.32 | 1840 | 1090 | 817 | 402 | 227 | 187 | 0.19 | 0.03 | 0.12 | 0.06 | 0.03 | <0.03 | 15.4 | 10.5 |
| 0905 | 120 | 100 - 120 | ----- | 1160 | 1050 | 584 | 446 | 57 | 51 | 0.06 | 0.06 | 0.08 | <0.01 | 0.03 | <0.03 | 21.5 | 4.1 |
| 0909 | 140 | 80 - 135 | 77.45 | 1660 | 1240 | 856 | 633 | 105 | 105 | 0.03 | 0.02 | 0.32 | 0.07 | 0.05 | <0.03 | 2.6 | 2.6 |
| 0910 | 138 | 120 - 134 | ----- | 1040 | 951 | 547 | 320 | 71 | 37 | 0.03 | 0.01 | 0.06 | 0.02 | 0.06 | <0.03 | 18.0 | 4.1 |
| 0912 | ----- | ----- | ----- | 640 | 640 | * | 290 | 290 | * | 21 | 21 | 0.01 | <0.01 | 0.01 | <0.01 | 0.03 | 0.030 |
| 0913 | ----- | ----- | 38.40 | 420 | 420 | * | 314 | 314 | * | 110 | 110 | 0.01 | <0.01 | 0.01 | <0.01 | 0.03 | 0.030 |
| 0915 | 100 | 55 - 85 | ----- | 350 | 350 | * | 114 | 114 | * | 28 | 28 | 0.01 | <0.01 | 0.01 | <0.01 | 0.04 | 0.040 |
| 0917 | ----- | ----- | ----- | 700 | 605 | * | 394 | 173 | * | 78 | 47 | 0.03 | 0.02 | 0.03 | 0.01 | 0.07 | <0.03 |
| 0926 | 134 | 123 - 132 | ----- | 2390 | 2390 | * | 850 | 850 | * | 390 | 390 | 0.05 | 0.05 | 0.01 | <0.01 | 0.05 | <0.05 |
| 0935 | 300 | 95 - 132 | 88.66 | 2030 | 2030 | * | 843 | 780 | * | 201 | 143 | 0.34 | 0.28 | 0.10 | 0.09 | 0.17 | 0.170 |
| 0936 | 160 | 100 - 160 | ----- | 1100 | 849 | * | 419 | 367 | * | 74.7 | 75 | 0.01 | <0.01 | 0.02 | 0.02 | 0.05 | <0.03 |
| 0939 | 97 | ----- | 59.31 | 1550 | 1234 | * | 700 | 584 | * | 55.3 | 55 | 0.03 | 0.03 | 0.06 | 0.05 | 0.05 | 0.030 |
| 0940 | 70 | ----- | 57.30 | 1364 | 1203 | * | 651 | 504 | * | 47.2 | 40 | 0.04 | 0.04 | 0.03 | 0.02 | 0.03 | <0.03 |
| 0942 | 102 | 85 - 95 | ----- | 2280 | 1570 | * | 1220 | 590 | * | 100 | 61 | 0.07 | 0.05 | 0.06 | 0.02 | 0.07 | <0.03 |
| 0947 | 100 | 70 - 100 | 54.63 | 1890 | 1820 | * | 697 | 590 | * | 219 | 219 | 0.11 | 0.08 | 0.13 | 0.01 | 0.04 | <0.03 |
| 0952 | 140 | ----- | ----- | 1470 | 1470 | * | 334 | 334 | * | 14 | 14 | 0.01 | <0.01 | 0.01 | <0.01 | 0.05 | 0.050 |
| 0975 | ----- | ----- | ----- | 1275 | 1275 | * | 628 | 628 | * | 59 | 59 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | <0.03 |
| 0976 | 115 | ----- | ----- | 1251 | 1251 | * | 578 | 578 | * | 61.1 | 61 | 0.03 | 0.03 | 0.06 | 0.06 | 0.03 | <0.03 |
| 0977 | ----- | ----- | 61.47 | 1427 | 1427 | * | 743 | 631 | * | 60.1 | 60 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | <0.03 |
| 0979 | 105 | 90 - 100 | ----- | 1738 | 1738 | * | 769 | 769 | * | 137 | 137 | 0.04 | 0.04 | 0.02 | 0.02 | 0.03 | <0.03 |
| 0980 | ----- | ----- | 57.70 | 1424 | 1424 | * | 604 | 604 | * | 94 | 94 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | <0.03 |
| 0985 | 115 | 90 - 110 | 58.75 | 1550 | 1091 | * | 774 | 400 | * | 71 | 49 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | <0.03 |
| 0989 | ----- | ----- | 58.10 | 1153 | 1153 | * | 483 | 483 | * | 38 | 38 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | <0.03 |
| 0992 | 100 | 85 - 95 | ----- | 1650 | 1650 | * | 748 | 748 | * | 101 | 101 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.030 |
| 0994 | 144 | 95 - 110 | 89.10 | 488 | 488 | * | 151 | 140 | * | 11.2 | 11 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | <0.03 |

C10

**TABLE A-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|-----|------|-----|------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0996 | 138 | 126 - 136 | 90.25 | 1710 | 1560 | 906 | 610 | 159 | 103 | 0.17 | 0.07 | 0.08 | 0.08 | 0.03 | <0.03 | 5.7 | 5.2 |
| 0997 | ----- | ----- | 76.90 | 473 | 437 | 144 | 144 | 7.39 | 5 | 0.01 | <0.01 | 0.01 | <0.01 | 0.03 | <0.03 | 0.6 | 0.4 |
| 0999 | ----- | ----- | ----- | 871 | 683 | 340 | 273 | 47 | 34 | 0.20 | 0.01 | 0.01 | 0.01 | 0.04 | <0.03 | 13.3 | 3.5 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 50 | 42 | 19 | 6 | 2 | 2 | 0 | 0 | 31 | 20 | 3 | 3 | 17 | 6 |
| % Exceeding = | | | | 50 | 42 | 19 | 6 | 2 | 2 | 0 | 0 | 31 | 20 | 3 | 3 | 17 | 6 |
| Total Number of Wells = | | | | 101 | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
E = Existing (latest) Concentration Observed in Well
= Exceeds Present State Standard
% = Percentage of Wells that Exceed Present State Standard
* = Latest Value is Pre-1994

C11

**TABLE A-5. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE HOMESTAKE WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|-----|------|-----|-------|------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0931 | 366.7 | ----- | 94.48 | 2160 | 1410 | 779 | 574 | 540 | 145 | 0.14 | 0.00 | 0.03 | 0.01 | 0.42 | <0.03 | 5.0 | <0.1 |
| 0934 | 293.0 | 330 - 400 | 163.72 | 1910 | 1830 | 821 | 629 | 241 | 77 | 0.06 | 0.05 | 0.06 | 0.03 | 0.12 | <0.03 | 4.2 | <0.1 |
| CE1 | 137.0 | 98 - 138 | 50.96 | 2350 | 1990 | 1160 | 925 | 140 | 103 | 2.06 | 1.69 | 0.28 | 0.12 | 1.13 | 0.57 | 0.5 | 0.1 |
| CE2 | 119.7 | 78 - 118 | 63.90 | 2210 | 2000 | 1010 | 735 | 203 | 172 | 23.6 | 0.92 | 4.63 | 0.08 | 25.2 | 0.33 | 5.4 | 5.4 |
| CE5 | 140.0 | 100 - 140 | 40.71 | 1990 | 313 | 851 | 112 | 214 | 214 | 2.00 | 0.02 | 0.13 | <0.01 | 1.13 | 0.01 | 1.9 | 1.9 |
| CW3 | 235.0 | 210 - 235 | 165.98 | 1970 | 1970 | 998 | 906 | 85 | 57 | 1.35 | 1.34 | 0.07 | 0.07 | 1.26 | 1.26 | 7.9 | <0.1 |
| CW4R | 138.9 | 102 - 142 | 41.31 | 2635 | 1870 | 861 | 737 | 171 | 157 | 1.06 | 0.45 | 0.17 | 0.09 | 0.28 | 0.11 | 6.6 | 1.2 |
| CW5 | 170.0 | 135 - 170 | 1.00 | 5040 | 1885 | 2740 | 695 | 404 | 183 | 10.47 | 0.2 | 1.38 | 0.04 | 3.28 | <0.03 | 7.2 | 1.7 |
| CW9 | 180.0 | 130 - 180 | 66.00 | 1330 | 1230 | 923 | 576 | 73.3 | 49 | 0.06 | 0.01 | 0.07 | <0.01 | 0.11 | 0.04 | 3.0 | 0.1 |
| CW13 | 267.7 | 225 - 265 | 1.00 | 2050 | 1820 | 973 | 973 | 94.9 | 85 | 0.10 | 0.1 | 0.24 | 0.19 | 0.03 | <0.03 | 1.3 | 0.5 |
| CW25 | 105.0 | 62 - 102 | 2.30 | 2835 | 1880 | 1502 | 679 | 202 | 202 | 0.25 | 0.19 | 0.18 | 0.03 | 0.20 | 0.14 | 17.5 | 1.8 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 10 | 8 | 5 | 0 | 2 | 0 | 2 | 0 | 7 | 1 | 5 | 1 | 1 | 0 |
| % Exceeding = | | | | 91 | 73 | 45 | 0 | 18 | 0 | 18 | 0 | 64 | 9 | 45 | 9 | 9 | 0 |
| Total Number of Wells = 11 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
E = Existing (latest) Concentration Observed in Well
= Exceeds Present State Standard
% = Percentage of Wells that Exceed Present State Standard
* = Latest Value is Pre-1994

C12

**TABLE A-6. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE BROADVIEW AND FELICE ACRES WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | | | | | | | | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|---|-----|-----|----|-------|------|---|-----------------|------|---|------|-------|---|------|------|---|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E | | | | | | | |
| Broadview | | | | | | | | | | | | | | | | | | | | | | | | |
| 0430 | 145.0 | ----- | ----- | 2940 | 2940 | * | 1109 | 697 | * | 184 | 163 | * | 3.62 | 0.14 | * | 0.25 | 0.1 | * | 0.25 | 0.07 | * | 2.2 | 2.1 | * |
| 0431 | 130.0 | 125 - 130 | 35.00 | 5950 | 1709 | | 3227 | 668 | | 312 | 180 | | 17.04 | 0.02 | | 2.30 | 0.01 | | 5.78 | <0.03 | | 7.5 | 1.9 | |
| 0446 | 110.0 | 60 - 95 | 41.28 | 2520 | 1420 | | 1896 | 576 | | 248 | 196 | | 0.24 | 0.02 | | 0.15 | 0.01 | | 0.05 | <0.03 | | 7.4 | 2.1 | |
| 0447 | 142.0 | 120 - 142 | 41.18 | 2690 | 2480 | * | 1428 | 1337 | * | 149 | 149 | * | 1.65 | 1.52 | * | 0.33 | 0.25 | * | 0.24 | 0.24 | * | 3.0 | 3 | * |
| Present State Standard = | | | | 1770 | 1770 | | 976 | 728 | | 250 | 250 | | 5.00 | 5.00 | | 0.12 | 0.12 | | 1.00 | 1.00 | | 12.4 | 12.4 | |
| Total Number of Wells Exceeding = | | | | 4 | 2 | | 4 | 1 | | 1 | 0 | | 1 | 0 | | 4 | 1 | | 1 | 0 | | 0 | 0 | |
| % Exceeding = | | | | 100 | 50 | | 100 | 25 | | 25 | 0 | | 25 | 0 | | 100 | 25 | | 25 | 0 | | 0 | 0 | |
| Total Number of Wells = 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Felice Acres | | | | | | | | | | | | | | | | | | | | | | | | |
| 0494 | ----- | 65 - 85 | 34.88 | 1990 | 1880 | | 958 | 666 | | 213 | 209 | | 0.92 | 0.27 | | 0.07 | 0.03 | | 0.31 | 0.08 | | 20.0 | 1.7 | |
| Present State Standard = | | | | 1770 | 1770 | | 976 | 976 | | 250 | 250 | | 5.00 | 5.00 | | 0.12 | 0.12 | | 1.00 | 1.00 | | 12.4 | 12.4 | |
| Total Number of Wells Exceeding = | | | | 1 | 1 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 1 | 0 | |
| % Exceeding = | | | | 100 | 100 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 100 | 0 | |
| Total Number of Wells = 1 | | | | | | | | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Present State Standard
 % = Percentage of Wells that Exceed Present State Standard
 * = Latest Value is Pre-1994

C13

**TABLE A-7. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE MURRAY ACRES WELL
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|--------|-----------------|-------|-----|-------|------|--------|------|--------|-------|--------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| AW | 156.0 | 66 - 155 | 15.00 | 4440 | 1710 * | 2991 | 942 * | 312 | 177 * | 7.89 | 0.62 * | 1.90 | 0.03 * | 27.00 | 0.24 * | 42.6 | 5.7 * |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| % Exceeding = | | | | 100 | 0 | 100 | 0 | 100 | 0 | 100 | 0 | 100 | 0 | 100 | 0 | 100 | 0 |
| Total Number of Wells = 1 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Present State Standard
 % = Percentage of Wells that Exceed Present State Standard
 * = Latest Value is Pre-1994

C14

**TABLE A-8. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE REGIONAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|-----|-----|-----|------|------|------|------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0929 | 320.0 | 290 - 320 | 174.36 | 1810 | 1700 | 811 | 671 | 234 | 77 | 0.35 | 0.02 | 0.04 | 0.01 | 0.18 | <0.03 | 4.2 | 0.1 |
| 0933 | ----- | ----- | 52.78 | 2345 | 1780 | 709 | 504 | 645 | 437 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | <0.03 | 5.8 | 0.8 |
| 0944 | 300.0 | 220 - 280 | 148.45 | 2800 | 1920 | 1495 | 780 | 272 | 147 | 0.07 | 0.01 | 1.00 | 0.03 | 5.28 | 0.04 | 17.0 | 1.1 |
| 0945 | 300.0 | ----- | 92.41 | 2270 | 2040 | 768 | 622 | 680 | 342 | 0.09 | 0.03 | 0.02 | 0.01 | 0.08 | 0.05 | 2.3 | <0.1 |
| 0946 | 260.0 | 230 - 260 | 37.45 | 1980 | 1980 | 1052 | 647 | 161 | 161 | 0.04 | 0.03 | 0.44 | 0.05 | 0.05 | <0.03 | 6.2 | 1.7 |
| CW18 | 230.7 | 177 - 237 | 53.27 | 2010 | 1910 | 744 | 565 | 214 | 188 | 0.15 | 0.05 | 0.13 | 0.03 | 0.05 | <0.03 | 1.4 | 1.4 |
| CW40 | 264.0 | 224 - 264 | 54.21 | 1990 | 1870 | 978 | 570 | 206 | 172 | 0.05 | 0.03 | 0.40 | 0.02 | 0.06 | <0.03 | 1.9 | 1.7 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 7 | 6 | 3 | 0 | 3 | 2 | 0 | 0 | 4 | 0 | 1 | 0 | 1 | 0 |
| % Exceeding = | | | | 100 | 86 | 43 | 0 | 43 | 29 | 0 | 0 | 57 | 0 | 14 | 0 | 14 | 0 |
| Total Number of Wells = 7 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

= Exceeds Present State Standard

% = Percentage of Wells that Exceed Present State Standard

* = Latest Value is Pre-1994

C15

**TABLE A-9. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE HOMESTAKE WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|------|------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0930 | 410.0 | 330 - 400 | 113.43 | 1960 | 1570 | 647 | 639 | 195 | 195 | 0.03 | 0.01 | 0.02 | <0.01 | 0.31 | <0.03 | 0.6 | <0.1 |
| CW1 | 325.0 | 212 - 323 | 163.73 | 1780 | 1240 | 1039 | 552 | 36.3 | 36 | 0.11 | 0.03 | 0.09 | 0.01 | 0.04 | <0.03 | 1.9 | 0.1 |
| CW2 | 355.0 | 306 - 353 | 89.03 | 2280 | 1040 | 1430 | 411 | 76 | 40 | 0.14 | 0.07 | 0.09 | 0.01 | 0.15 | 0.06 | 6.3 | 0.1 |
| CW6 | 282.0 | 246 - 276 | 117.21 | 3250 | 1573 | 1486 | 827 | 142 | 99 | 2.06 | 0.03 | 0.75 | 0.01 | 1.90 | <0.03 | 10.0 | <0.1 |
| CW14 | 360.9 | 278 - 358 | 12.48 | 1636 | 1306 | 754 | 601 | 63 | 63 | 0.02 | 0.01 | 0.22 | 0.10 | 0.03 | <0.03 | 5.0 | 2.4 |
| CW17 | 108.0 | 83 - 103 | 60.80 | 3250 | 3020 | 1890 | 1680 | 88 | 77 | 0.18 | 0.13 | 0.12 | 0.07 | 0.09 | <0.03 | 16.8 | 14.9 |
| CW24 | 121.0 | 78 - 118 | 57.79 | 3120 | 3080 | 1750 | 1410 | 95.7 | 90 | 0.15 | 0.13 | 0.08 | 0.08 | 0.04 | <0.03 | 12.3 | 8.4 |
| CW35 | 120.0 | 93 - 118 | 59.39 | 6900 | 2360 | 1260 | 1220 | 70 | 57 | 0.23 | 0.18 | 0.52 | 0.07 | 0.03 | <0.03 | 8.4 | 3.4 |
| WR25 | 113.3 | 71 - 111 | 61.10 | 3040 | 2940 | 1710 | 1330 | 186 | 114 | 0.17 | 0.07 | 0.24 | 0.15 | 0.13 | <0.03 | 21.8 | 21.8 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 8 | 4 | 7 | 4 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 0 | 2 | 2 |
| % Exceeding = | | | | 89 | 44 | 78 | 44 | 0 | 0 | 0 | 0 | 44 | 11 | 11 | 0 | 22 | 22 |
| Total Number of Wells = 9 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

Yellow background = Exceeds Present State Standard

% = Percentage of Wells that Exceed Present State Standard

* = Latest Value is Pre-1994

C16

**TABLE A-10. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE BROADVIEW AND FELICE ACRES WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|-------|--------|-----------------|-------|-------|-------|-------|--------|------|--------|-------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| Broadview | | | | | | | | | | | | | | | | | |
| 0434 | 280 | ----- | ----- | 1930 | 1660 | 859 | 682 | 199 | 178 | 0.46 | 0.23 | 0.24 | 0.04 | 0.15 | <0.03 | 6.5 | 1.8 |
| 0436 | 295 | 280 - 295 | 71.82 | 1942 | 1840 | 984 | 950 | 119 | 119 | 1.68 | 0.04 | 0.26 | 0.02 | 0.05 | <0.03 | 8.3 | <0.1 |
| 0437 | 340 | 240 - 300 | 63.23 | 2170 | 1920 | 1327 | 696 | 152 | 152 | 0.19 | 0.03 | 0.36 | 0.01 | 0.05 | <0.03 | 4.0 | 1.0 |
| 0449 | 267 | ----- | 63.42 | 2026 | 2026 | 1072 | 1072 | 116 | 116 | 0.12 | 0.08 | 0.19 | 0.19 | 0.03 | <0.03 | 11.5 | 11.5 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 4 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| % Exceeding = | | | | 100 | 75 | 75 | 25 | 0 | 0 | 0 | 0 | 100 | 25 | 0 | 0 | 0 | 0 |
| Total Number of Wells = 4 | | | | | | | | | | | | | | | | | |
| Felice Acres | | | | | | | | | | | | | | | | | |
| 0481 | 320 | 270 - 310 | ----- | 1990 | 1450 * | 1110 | 750 * | 99 | 64 * | 0.98 | 0.42 * | 0.32 | 0.08 * | 0.16 | 0.1 * | 2.0 | 1.8 |
| 0482 | 260 | 220 - 260 | 35.85 | 2690 | 1906 | 1300 | 716 | 240 | 197 | 6.53 | 0.25 | 0.80 | 0.02 | 2.35 | <0.03 | 4.2 | 1.8 |
| 0483 | 280 | ----- | 36.93 | 3800 | 1891 | 2100 | 711 | 277 | 198 | 12.3 | 0.22 | 1.60 | 0.04 | 4.93 | 0.08 | 5.3 | 1.1 |
| 0484 | 320 | 220 - 300 | 39.43 | 2040 | 1830 | 1194 | 811 | 159 | 101 | 0.87 | 0.32 | 0.51 | 0.17 | 0.06 | <0.03 | 24.3 | 1.1 |
| 0485 | 260 | 220 - 260 | 70.90 | 1220 | 1089 | 612 | 380 | 158 | 158 | 0.01 | 0.00 | 0.03 | <0.01 | 0.04 | 0.04 | 2.2 | <0.1 |
| 0486 | 179.2 | 200 - 260 | 70.36 | 2068 | 2030 | 1060 | 929 | 159 | 159 | 1.03 | 0.84 | 0.37 | 0.32 | 0.03 | <0.03 | 2.9 | 2.4 |
| 0487 | 260 | ----- | 49.20 | 3100 | 1992 | 1732 | 879 | 234 | 189 | 0.24 | 0.24 | 0.31 | 0.02 | 0.08 | <0.03 | 161 | 2.6 |
| 0488 | ----- | ----- | 78.10 | 1958 | 1950 | 944 | 921 | 148 | 148 | 0.41 | 0.41 | 0.39 | 0.39 | 0.03 | <0.03 | 3.2 | 3.2 |
| 0489 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.07 | 0.05 * | ----- | ----- | 1.5 | 1.5 |
| 0493 | ----- | 270 - 300 | 110.36 | 1510 | 1350 | 765 | 668 | 170 | 88 | 0.31 | 0.05 | 0.26 | 0.17 | 0.10 | <0.03 | 7.9 | 1.7 |
| CW44 | 208 | 69 - 208 | 157.65 | 2060 | 1970 | 909 | 822 | 208 | 186 | 1.41 | 0.85 | 0.11 | 0.08 | 0.03 | <0.03 | 2.5 | 2.5 |
| CW45 | 193 | 163 - 193 | 55.56 | 2130 | 1730 | 984 | 650 | 180 | 175 | 2.05 | 1.71 | 0.27 | 0.12 | 0.03 | <0.03 | 2.0 | 2.0 |
| CW46 | 187 | 125 - 185 | 67.18 | 2111 | 1750 | 1063 | 720 | 180 | 177 | 1.76 | 0.04 | 0.41 | 0.24 | 0.03 | <0.03 | 3.2 | 2.9 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 10 | 7 | 8 | 0 | 1 | 0 | 2 | 0 | 10 | 5 | 2 | 0 | 2 | 0 |
| % Exceeding = | | | | 77 | 54 | 62 | 0 | 8 | 0 | 15 | 0 | 77 | 38 | 15 | 0 | 15 | 0 |
| Total Number of Wells = 13 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Present State Standard
 % = Percentage of Wells that Exceed Present State Standard
 * = Latest Value is Pre-1994

C17

**TABLE A-11. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE MURRAY ACRES WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0807 | 287 | 275 - 285 | ---- | 1540 | 1362 | | | | | | | | | | | | |
| 0808 | 290 | 260 - 290 | ---- | 1700 | 1700 | 831 | 731 | 302 | 48 | 0.05 | 0.01 | 0.08 | <0.01 | 0.16 | <0.03 | 1.0 | <0.1 |
| 0812 | 300 | 264 - 284 | ---- | 1500 | 1240 | 933.6 | 787 | 88.7 | 55 | 0.07 | 0.02 | 0.15 | 0.05 | 0.03 | <0.03 | 2.3 | 0.9 |
| 0813 | 280 | 235 - 255 | ---- | 1530 | 1325 | 790 | 658 | 50 | 35 | 0.34 | <0.01 | 0.24 | 0.08 | 0.12 | 0.03 | 4.4 | 2.8 |
| 0814 | ----- | ----- | ----- | 1420 | 1410 | 843 | 781 | 57 | 55 | 0.09 | 0.01 | 0.07 | 0.05 | 0.04 | <0.01 | 3.9 | 3.2 |
| 0816 | 255 | 240 - 250 | ----- | 1550 | 1550 | 819 | 718 | 57 | 43 | 0.08 | 0.02 | 0.12 | 0.03 | 0.14 | 0.02 | 6.0 | 6 |
| 0817 | ----- | ----- | 70.34 | 1616 | 1616 | 847 | 819 | 70 | 70 | 0.06 | 0.01 | 0.02 | <0.01 | 0.03 | <0.03 | 4.5 | <0.1 |
| 0818 | 243 | 223 - 243 | ----- | 3444 | 1720 | 986 | 786 | 70.5 | 66 | 0.12 | 0.02 | 0.01 | <0.01 | 0.03 | <0.03 | 0.2 | 0.2 |
| 0819 | 222 | 210 - 220 | ----- | 1560 | 1560 | 2150 | 948 | 276 | 74 | 0.09 | 0.01 | 0.03 | 0.01 | 0.05 | 0.05 | 57.6 | 0.3 |
| 0820 | 230 | 125 - 230 | 99.20 | 3090 | 3090 | 877 | 877 | 43 | 43 | 0.03 | 0.01 | 0.05 | 0.01 | 0.03 | 0.03 | 3.9 | 3.9 |
| 0821 | 260 | ----- | 35.88 | 1590 | 1551 | 1800 | 1530 | 202 | 126 | 0.07 | 0.06 | 0.10 | 0.05 | 0.04 | <0.03 | 26.2 | 5.3 |
| ACW | 325 | 265 - 325 | 77.85 | 1570 | 1172 | 901 | 901 | 56.1 | 56 | 0.07 | 0.01 | 0.08 | 0.01 | 0.04 | <0.03 | 1.9 | 0.7 |
| HCW | 295 | 264 - 295 | 75.61 | 1910 | 1320 | 929 | 640 | 99 | 33 | 0.07 | 0.02 | 0.05 | 0.01 | 0.11 | <0.03 | 15.4 | 0.3 |
| WCW | 307 | 257 - 307 | 114.70 | 1820 | 1560 | 960 | 614 | 80.2 | 80 | 0.07 | 0.05 | 0.04 | <0.01 | 0.05 | <0.03 | 15.0 | <0.1 |
| | | | | | | 896 | 743 | 85 | 82 | 0.11 | 0.02 | 0.02 | <0.01 | 0.06 | <0.03 | 14.0 | <0.1 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 4 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 0 |
| % Exceeding = | | | | 29 | 7 | 21 | 7 | 14 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 36 | 0 |
| Total Number of Wells = 14 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Present State Standard
 % = Percentage of Wells that Exceed Present State Standard
 * = Latest Value is Pre-1994

C18

**TABLE A-12. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE REGIONAL WELLS
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0850 | 54.0 | 29 - 54 | 55.82 | 2044 | 2044 | 939 | 939 | 206 | 206 | 0.04 | 0.04 | 0.02 | 0.02 | 0.05 | 0.05 | 5.0 | 5.0 |
| 0859 | 83.0 | 50 - 83 | 75.41 | 2150 | 2010 | 1017 | 856 | 175 | 175 | 0.20 | 0.17 | 0.14 | 0.12 | 0.03 | <0.03 | 4.5 | 2.9 |
| 0902 | 150.0 | 78 - 102 | 52.10 | 4040 | 2258 | 1470 | 1120 | 192 | 188 | 0.19 | 0.19 | 0.79 | 0.46 | 0.04 | <0.03 | 41.1 | 2.9 |
| 0932 | 501.0 | 450 - 490 | 86.73 | 2300 | 1444 | 656 | 443 | 638 | 381 | 0.01 | <0.01 | 0.01 | <0.01 | 0.04 | 0.04 | 7.0 | 1.0 |
| 0960 | 305.0 | 285 - 305 | 67.46 | 1871 | 1690 | 973 | 809 | 155 | 155 | 0.03 | 0.02 | 0.60 | 0.30 | 0.03 | <0.03 | 2.9 | 2.8 |
| 0961 | 240.0 | 200 - 240 | 67.40 | 1750 | 1680 | 917 | 854 | 137 | 134 | 0.02 | 0.02 | 0.47 | 0.30 | 0.03 | <0.03 | 3.3 | 3.0 |
| 0962 | 238.0 | 220 - 238 | ----- | 1330 | 1330 | 603 | 603 | 83.3 | 77 | 0.03 | 0.03 | 0.20 | 0.20 | 0.03 | <0.03 | 1.7 | 1.6 |
| CW15 | 134.6 | 73 - 133 | 75.00 | 1800 | 1690 | 982 | 838 | 58.2 | 31 | 0.05 | 0.02 | 0.04 | 0.04 | 0.03 | <0.01 | 4.7 | 1.1 |
| CW16 | ----- | 112 - 152 | 68.02 | 2041 | 2030 | 900 | 840 | 171 | 171 | 1.81 | 1.81 | 0.28 | 0.21 | 0.03 | <0.03 | 2.2 | 1.9 |
| CW27 | 110.0 | ----- | 72.70 | 2168 | 1600 | 1205 | 701 | 148 | 147 | 0.03 | 0.02 | 0.53 | 0.29 | 0.07 | <0.03 | 7.1 | 3.0 |
| CW28 | 370.0 | 280 - 360 | 85.75 | 1410 | 1370 | 482 | 390 | 97 | 95 | 0.08 | 0.05 | 0.08 | 0.02 | 0.03 | <0.03 | 1.7 | 1.7 |
| CW30 | 251.5 | 219 - 249 | 101.26 | 2200 | 2200 | 996 | 996 | 151 | 136 | 0.57 | 0.14 | 0.31 | 0.17 | 0.06 | <0.03 | 3.8 | 3.4 |
| Present State Standard = | | | | 1770 | 1770 | 976 | 976 | 250 | 250 | 5.00 | 5.00 | 0.12 | 0.12 | 1.00 | 1.00 | 12.4 | 12.4 |
| Total Number of Wells Exceeding = | | | | 9 | 5 | 5 | 2 | 1 | 1 | 0 | 0 | 8 | 7 | 0 | 0 | 1 | 0 |
| % Exceeding = | | | | 75 | 42 | 42 | 17 | 8 | 8 | 0 | 0 | 67 | 58 | 0 | 0 | 8 | 0 |
| Total Number of Wells = 12 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
E = Existing (latest) Concentration Observed in Well
= Exceeds Present State Standard
% = Percentage of Wells that Exceed Present State Standard
* = Latest Value is Pre-1994

C19

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|-------|-----------------|---|----|---|---|---|----|---|----|---|-----------------|---|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0690 | 65.0 | 25 - 65 | 62.50 | 1160 | 1140 | | | | | | | | | | | | |
| 0691 | 66.0 | 26 - 66 | 57.36 | 1170 | 848 | | | | | | | | | | | | |
| 1A | 64.6 | 39 - 51 | 39.64 | 3490 | 3270 | | | | | | | | | | | | |
| 1B | 51.8 | 20 - 50 | 38.70 | 2630 | 2460 | | | | | | | | | | | | |
| 1C | 52.9 | 34 - 54 | 43.26 | 1747 | 1680 | | | | | | | | | | | | |
| 1D | 42.9 | 22 - 42 | 29.00 | 2690 | 1940 | | | | | | | | | | | | |
| 1E | 51.4 | 34 - 54 | 2.00 | 2530 | 2160 | | | | | | | | | | | | |
| 1F | 61.8 | 30 - 60 | 44.63 | 3560 | 3560 | | | | | | | | | | | | |
| 1G | 57.5 | 35 - 55 | 42.71 | 2340 | 2330 | | | | | | | | | | | | |
| 1H | 55.4 | 25 - 55 | 31.16 | 1861 | 1690 | | | | | | | | | | | | |
| 1I | 49.8 | 27 - 47 | 34.26 | 1482 | 1210 | | | | | | | | | | | | |
| 1J | 50.3 | 30 - 50 | 33.04 | 3620 | 3620 | | | | | | | | | | | | |
| 1K | 55.6 | 30 - 55 | 29.86 | 8860 | 1820 | | | | | | | | | | | | |
| 1L | 53.4 | 35 - 55 | 29.31 | 3160 | 3160 | | | | | | | | | | | | |
| 1N | 45.6 | 15 - 44 | 29.60 | 2820 | 2820 | | | | | | | | | | | | |
| 1P | 52.8 | 20 - 40 | 38.70 | 2280 | 2280 | | | | | | | | | | | | |
| B | 68.6 | 49 - 69 | 42.57 | 4820 | 2240 | | | | | | | | | | | | |
| B1 | 90.9 | 62 - 82 | 45.11 | 9060 | 2140 | | | | | | | | | | | | |
| B2 | 83.0 | 55 - 75 | 49.78 | 3780 | 3780 | | | | | | | | | | | | |
| B3 | 87.0 | 58 - 78 | 62.15 | 5520 | 5050 | | | | | | | | | | | | |
| B4 | 88.8 | 63 - 83 | 59.60 | 4720 | 4440 | | | | | | | | | | | | |
| B5 | 91.0 | 62 - 82 | 57.23 | 6230 | 6200 | | | | | | | | | | | | |
| B6 | 90.0 | 63 - 83 | 48.94 | 9120 | 9120 | | | | | | | | | | | | |
| B7 | 87.0 | 53 - 78 | 43.82 | 2938 | 2938 | | | | | | | | | | | | |
| B8 | 87.0 | 53 - 78 | 49.94 | 14500 | 10000 | | | | | | | | | | | | |
| B9 | 86.0 | 51 - 78 | 50.32 | 5655 | 5655 | | | | | | | | | | | | |
| B10 | 84.8 | 51 - 78 | 63.26 | 25700 | 8000 | | | | | | | | | | | | |
| B11 | 84.9 | 42 - 80 | 53.61 | 21600 | 6010 | | | | | | | | | | | | |
| BA | 86.0 | 64 - 78 | 43.96 | 2486 | 2486 | | | | | | | | | | | | |
| BB2 | 56.6 | 42 - 62 | 48.84 | 6890 | 3140 | | | | | | | | | | | | |
| BC | 82.8 | 63 - 83 | 49.36 | 4630 | 2090 | | | | | | | | | | | | |
| BP | 85.4 | 40 - 85 | 45.45 | 3300 | 2400 | | | | | | | | | | | | |
| C1 | 76.0 | 41 - 68 | 38.51 | 4190 | 1950 | | | | | | | | | | | | |
| C2 | 76.0 | 42 - 67 | 35.03 | 3360 | 1810 | | | | | | | | | | | | |
| C3R | 75.0 | 43 - 68 | 18.00 | 2467 | 1940 | | | | | | | | | | | | |
| C4 | 75.0 | 46 - 66 | 39.66 | 3446 | 2010 | | | | | | | | | | | | |
| C5 | 72.0 | 43 - 63 | 36.20 | 6470 | 2070 | | | | | | | | | | | | |
| C6 | 80.8 | 34 - 74 | 66.77 | 6670 | 4390 | | | | | | | | | | | | |
| C7 | 72.4 | 25 - 65 | 70.24 | 6410 | 5210 | | | | | | | | | | | | |
| C8 | 78.1 | 31 - 71 | 76.00 | 8660 | 4140 | | | | | | | | | | | | |
| C9 | 77.0 | 27 - 67 | 72.60 | 13400 | 5290 | | | | | | | | | | | | |
| C10 | 71.6 | 30 - 70 | 65.90 | 14500 | 6910 | | | | | | | | | | | | |

C20

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|-------|-----------------|-------|-------|------|-------|-------|------|-------|------|-------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| C11 | 68.2 | 35 - 65 | 64.10 | 13762 | 5470 | 6980 | 2220 | 1889 | 377 | 94.80 | 18.90 | 26.2 | 3.38 | 56.0 | 22.3 | 119 | 119 |
| C12 | 63.5 | 34 - 64 | 44.94 | 16082 | 3610 | 8710 | 1700 | 1861 | 211 | 122.0 | 11.30 | 33.3 | 1.52 | 64.7 | 15.3 | 82.6 | 13.7 |
| D1 | 89.4 | 58 - 90 | 46.89 | 3940 | 1920 | 2158 | 720 | 227 | 196 | 8.65 | 1.15 | 0.83 | 0.09 | 8.80 | 1.05 | 13.0 | 2.6 |
| DA | 99.1 | 50 - 100 | 61.40 | 18950 | 13700 | 8878 | 6540 | 2225 | 831 | 89.07 | 34.40 | 3.48 | 1.60 | 105 | 44.2 | 28.0 | 6.7 |
| DA2 | 82.1 | 64 - 74 | 51.11 | 33870 | 8046 | 6987 | 4582 | 674 | 481 | 34.34 | 18.67 | 1.47 | 1.21 | 50.7 | 22.6 | 28.2 | 5.1 |
| DB | 73.2 | 55 - 85 | 66.15 | 14000 | 11300 | 7230 | 5530 | 1000 | 795 | 59.11 | 30.00 | 8.07 | 1.05 | 60.8 | 45.1 | 33.0 | 5.7 |
| DBR | 55.6 | ----- | 52.19 | 28416 | 28416 | 12735 | 12735 | 1716 | 1716 | 59.60 | 59.60 | 1.05 | 0.66 | 98.6 | 98.6 | 12.0 | 1.5 |
| DC | 64.1 | 45 - 65 | 43.16 | 3510 | 2170 | 1839 | 1140 | 709 | 69 | 0.82 | 0.06 | 0.23 | 0.06 | 1.51 | <0.03 | 331 | 3.5 |
| DE | 70.2 | 60 - 90 | 63.70 | 23360 | 12600 | 9288 | 5800 | 1064 | 774 | 70.34 | 27.40 | 3.85 | 1.73 | 125 | 38.7 | 58.0 | 4.5 |
| DF | 88.5 | 65 - 95 | 60.75 | 15053 | 10300 | 7958 | 5327 | 21274 | 714 | 55.40 | 29.90 | 3.52 | 1.04 | 85.5 | 8.03 | 62.0 | 8.5 |
| DG | 88.9 | 65 - 95 | 61.80 | 20500 | 18476 | 51100 | 9429 | 944 | 790 | 66.57 | 48.84 | 2.49 | 1.30 | 2820 | 55.6 | 76.0 | 16.5 |
| DH | 61.7 | 65 - 95 | 52.65 | 27800 | 27800 | 13291 | 13020 | 1383 | 1383 | 106.0 | 82.26 | 13.5 | 2.53 | 133 | 133 | 116 | 24.0 |
| DI | 86.1 | 35 - 85 | 57.87 | 33116 | 32164 | 16112 | 16112 | 2170 | 2006 | 137.8 | 58.20 | 5.03 | 1.52 | 152 | 152 | 56.0 | 5.3 |
| DJ | 85.7 | 35 - 85 | 46.87 | 33120 | 33120 | 15355 | 15339 | 1773 | 1773 | 131.9 | 86.50 | 4.79 | 1.94 | 140 | 135 | 94.0 | 46.2 |
| DK | 65.4 | 35 - 55 | 43.58 | 22920 | 22920 | 13925 | 12034 | 798 | 496 | 116.6 | 115.3 | 3.15 | 2.03 | 199 | 90.9 | 94.0 | 63.1 |
| DM | 62.8 | ----- | 52.00 | 27920 | 5340 | 13115 | 2350 | 1080 | 339 | 118.3 | 8.68 | 3.11 | 2.11 | 186 | 12.8 | 130 | 6.0 |
| DN | 66.7 | ----- | 51.52 | 18700 | 17300 | 11725 | 8480 | 5674 | 1170 | 117.7 | 44.08 | 2.72 | 1.96 | 211 | 63.2 | 31.5 | 4.8 |
| DNR | 79.7 | ----- | 51.80 | 21286 | 18900 | 10032 | 9110 | 1200 | 1200 | 69.81 | 49.54 | 2.77 | 2.43 | 113 | 68 | 8.7 | 4.4 |
| DO | 75.8 | 65 - 75 | 65.20 | 5860 | 5664 | 2962 | 2910 | 337 | 311 | 15.82 | 15.82 | 1.32 | 0.86 | 26.6 | 26.6 | 9.0 | 5.7 |
| DP | 79.8 | ----- | 53.46 | 17800 | 1960 | 8940 | 687 | 1160 | 163 | 72.90 | 3.19 | 16.1 | 0.45 | 49.8 | 17.2 | 198 | 89.5 |
| DQ | 85.3 | ----- | 54.11 | 20300 | 10300 | 10500 | 5060 | 1575 | 850 | 73.80 | 32.10 | 17.6 | 1.86 | 96.7 | 57.9 | 175 | 11.8 |
| DR | 87.8 | 65 - 85 | 66.05 | 15930 | 13600 | 8528 | 5280 | 542 | 542 | 80.98 | 34.90 | 2.20 | 1.76 | 119 | 51.4 | 37.3 | 5.7 |
| DS | ----- | 62 - 77 | 65.22 | 20200 | 20200 | 9050 | 7610 | 1116 | 1050 | 60.21 | 47.00 | 3.50 | 1.63 | 4345 | 60.4 | 34.1 | 4.3 |
| DT | 72.3 | 59 - 99 | 59.80 | 13350 | 12500 | 7068 | 4780 | 725 | 584 | 43.67 | 32.94 | 2.06 | 1.21 | 47.5 | 44.9 | 30.8 | 6.6 |
| DU | 84.6 | 61 - 81 | 51.56 | 17090 | 12690 | 8563 | 5549 | 603 | 397 | 474.9 | 37.31 | 6.77 | 2.59 | 118 | 49.7 | 47.8 | 12.3 |
| DV | 80.0 | 60 - 80 | 83.45 | 13899 | 11800 | 6626 | 5810 | 843 | 702 | 45.03 | 39.20 | 2.82 | 1.01 | 63.2 | 19.20 | 7.4 | 7.0 |
| DX | ----- | 60 - 90 | 61.80 | 18300 | 15600 | 10600 | 8180 | 1034 | 945 | 92.40 | 45.60 | 5.17 | 2.19 | 65.4 | 65.4 | 54.0 | 16.3 |
| DZ | 81.8 | ----- | 57.64 | 32960 | 14900 | 15534 | 6100 | 2303 | 652 | 139.1 | 29.00 | 7.46 | 2.12 | 167 | 36.3 | 50.2 | 16.5 |
| EE | 91.2 | 50 - 90 | 45.26 | 24320 | 2916 | 11191 | 1478 | 727 | 206 | 109.0 | 4.07 | 3.66 | 0.30 | 148 | 3.45 | 40.8 | 0.6 |
| F | 63.8 | 45 - 65 | 31.80 | 3180 | 1750 | 1871 | 610 | 206 | 188 | 0.51 | 0.11 | 0.60 | 0.01 | 0.15 | <0.03 | 22.0 | 2.0 |
| FB | 62.0 | 43 - 58 | 35.41 | 4340 | 1790 | 2631 | 750 | 273 | 198 | 10.64 | 0.10 | 3.64 | 0.12 | 0.3 | <0.03 | 47.0 | 2.7 |
| FF | ----- | 52 - 132 | 41.08 | ----- | ----- | 4157 | 4157 | 305 | 305 | 43.84 | 43.84 | 1.12 | 1.12 | 49.7 | 49.7 | ----- | ----- |
| G | 78.3 | 50 - 80 | 4.00 | ----- | ----- | 2223 | 2140 | 262 | 149 | 8.06 | 0.14 | 1.07 | 0.03 | 1.82 | 0.07 | ----- | ----- |
| GH | 69.2 | 55 - 65 | 32.83 | 1860 | 1760 | 1092 | 709 | 227 | 191 | 0.15 | 0.05 | 0.09 | 0.02 | 0.18 | <0.03 | 5.9 | 2.8 |
| GV | 83.0 | 62 - 82 | 50.08 | 1840 | 1840 | 706 | 644 | 194 | 190 | 0.06 | 0.03 | 0.19 | 0.01 | 0.06 | 0.01 | 1.8 | 1.6 |
| H | 69.3 | 50 - 70 | 37.93 | 1690 | 1450 | 1601 | 708 | 191 | 191 | 0.59 | 0.01 | 0.12 | <0.01 | 0.10 | <0.01 | 9.8 | 2.7 |
| I | 70.0 | 52 - 72 | 31.64 | 4052 | 1510 | 3280 | 520 | 341 | 185 | 0.14 | 0.13 | 1.57 | 0.01 | 0.41 | <0.03 | 24.5 | 1.7 |
| K | 61.7 | 44 - 64 | 7.55 | 7940 | 7940 | 3930 | 3889 | 631 | 631 | 51.22 | 14.84 | 1.06 | 0.64 | 65.8 | 63.5 | 32.5 | 22.0 |
| K2 | 58.9 | 46 - 56 | 14.90 | 10040 | 939 | 4238 | 219 | 876 | 70 | 45.10 | 0.67 | 4.02 | 0.18 | 78.0 | 3.57 | 120 | 2.5 |
| K3 | 56.7 | 53 - 58 | 43.44 | 5251 | 5251 | 3276 | 2856 | 504 | 88 | 36.55 | 6.15 | 1.21 | 1.21 | 45.8 | 7.47 | 3.2 | 1.2 |
| K4 | 86.2 | 65 - 85 | 72.60 | 7200 | 1620 | 3330 | 609 | 1300 | 93 | 22.38 | 2.65 | 8.96 | 1.18 | 31.8 | 6.7 | 9.8 | 3.8 |
| K5 | 86.4 | 55 - 85 | 62.94 | 7457 | 3630 | 3375 | 1750 | 788 | 108 | 24.45 | 1.04 | 4.12 | 0.23 | 54.5 | 8.2 | 11.4 | 7.5 |

C21

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|---------|-----------------|--------|------|-------|-------|---------|------|--------|------|--------|-----------------|--------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| K6 | 58.0 | 33 - 58 | 13.00 | 1990 | 444 | 751 | 103 | 211 | 38 | 1.60 | 0.03 | 0.05 | 0.01 | 3.14 | 0.05 | 2.1 | 2.1 |
| KA | 67.8 | 42 - 72 | 32.18 | 5520 | 1340 | 3104 | 450 | 509 | 120 | 13.20 | 0.81 | 2.30 | 0.18 | 19.5 | 3.00 | 11.3 | 2.2 |
| KB | 61.8 | 40 - 70 | 8.10 | 5466 | 1510 | 3020 | 556 | 495 | 108 | 12.04 | 1.39 | 2.95 | 0.19 | 19.2 | 4.73 | 12.3 | 3.9 |
| KC | 68.6 | 42 - 72 | 9.00 | 5640 | 1380 | 3141 | 519 | 532 | 88 | 13.67 | 0.79 | 2.98 | 0.15 | 21.2 | 2.54 | 12.5 | 3.1 |
| KD | 62.1 | 40 - 70 | 4.65 | 4700 | 944 | 3185 | 262 | 332 | 75 | 22.05 | 0.33 | 2.81 | 0.08 | 28.3 | 1.98 | 54.0 | 2.2 |
| KE | 60.8 | 40 - 70 | 11.70 | 8070 | 908 | 3880 | 268 | 674 | 78 | 26.20 | 0.19 | 4.23 | 0.03 | 46.4 | 0.79 | 68.7 | 2.0 |
| KEB | 59.9 | 40 - 60 | 16.43 | 2472 | 859 | 1003 | 272 | 212 | 55 | 5.35 | 0.30 | 0.21 | 0.04 | 7.50 | 0.60 | 2.7 | 2.2 |
| KF | 63.5 | 30 - 60 | 25.04 | 4040 | 1120 | 2037 | 376 | 202 | 106 | 2.27 | 0.12 | 0.11 | 0.03 | 3.47 | 0.15 | 7.0 | 2.6 |
| KM | 52.4 | ---- | 12.20 | 8740 | 198 | 4370 | 69 | 887 | 27 | 37.31 | 0.02 | 2.26 | <0.01 | 63.4 | 0.06 | 88.0 | 1.9 |
| KN | 50.1 | ---- | 2.00 | 2030 | 575 | 755 | 147 | 201 | 43 | 2.25 | 0.28 | 0.08 | 0.04 | 2.68 | 1.10 | 2.0 | 2.0 |
| KZ | 58.4 | ---- | 28.44 | 7240 | 1260 | 3308 | 475 | 496 | 87 | 1450 | 0.42 | 1.87 | 0.09 | 44.3 | 1.34 | 88.2 | 0.4 |
| L | 67.0 | 46 - 66 | 42.30 | 2040 | 1580 | 921 | 570 | 211 | 191 | 3.29 | 1.55 | 0.26 | 0.02 | 3.58 | 1.40 | 6.4 | 2.0 |
| L5 | 60.2 | 25 - 55 | 46.68 | 5921 | 1490 | 3640 | 585 | 678 | 137 | 12.00 | 1.03 | 4.40 | 0.53 | 20.5 | 2.24 | 8.2 | 2.7 |
| L6 | 51.1 | 25 - 55 | 27.21 | 2880 | 1370 | 1443 | 460 | 265 | 242 | 3.36 | 1.19 | 3.80 | 0.80 | 27.2 | 2.82 | 3.3 | 3.3 |
| L7 | 67.8 | 36 - 66 | 64.80 | 5437 | 1810 | 2629 | 762 | 730 | 232 | 12.16 | 1.12 | 7.77 | 1.49 | 25.8 | 4.67 | 5.6 | 3.5 |
| L8 | 73.9 | 32 - 72 | 54.80 | 5060 | 1270 | 2434 | 488 | 471 | 161 | 7.88 | 0.81 | 2.79 | 0.20 | 19.6 | 1.79 | 9.3 | 2.4 |
| L9 | 74.9 | 43 - 73 | 53.64 | 2909 | 1400 | 1499 | 497 | 273 | 139 | 6.00 | 1.01 | 1.07 | 0.08 | 10.1 | 1.61 | 4.7 | 2.2 |
| L10 | 74.2 | 53 - 73 | 53.41 | 2150 | 1680 | 1027 | 624 | 228 | 133 | 3.09 | 1.22 | 0.27 | 0.04 | 3.77 | 1.41 | 2.9 | 2.1 |
| M1 | 103.4 | 66 - 106 | 79.80 | 13210 | 13210 * | 7308 | 7308 * | 2250 | 426 * | 47.49 | 47.06 * | 2.29 | 1.74 * | 68.4 | 68.4 * | 36.6 | 14.4 * |
| M2 | 40.4 | ---- | 34.85 | 22048 | 22048 | 11347 | 11347 | 962 | 962 | 100.1 | 100.1 | 1.28 | 1.28 | 95.1 | 95.1 | 0.1 | <0.1 |
| M3 | 105.3 | 79 - 99 | 65.80 | 11172 | 3340 | 5499 | 1380 | 562 | 268 | 33.60 | 6.51 | 2.73 | 0.35 | 43.3 | 7.3 | 23.5 | 5.4 |
| M4 | 81.8 | 78 - 82 | 56.72 | 17260 | 2020 | 9209 | 863 | 780 | 184 | 60.63 | 4.21 | 2.99 | 0.12 | 118 | 5.78 | 29.2 | 2.2 |
| M5 | 92.3 | 60 - 90 | 49.16 | 4500 | 1970 | 2415 | 759 | 227 | 187 | 11.79 | 0.98 | 2.04 | 0.06 | 25.4 | 0.83 | 29.0 | 2.4 |
| MO | 88.0 | 45 - 85 | 64.75 | 3270 | 2460 | 1755 | 1190 | 191 | 185 | 0.91 | 0.34 | 0.26 | 0.07 | 0.13 | <0.03 | 27.5 | 9.9 |
| MQ | 98.0 | 58 - 98 | 65.04 | 3090 | 2940 | 1500 | 1180 | 223 | 191 | 1.55 | 1.55 | 0.60 | 0.34 | 0.38 | 0.36 | 14.3 | 8.1 |
| MR | 100.0 | 54 - 94 | 68.58 | 2440 | 2370 | 1180 | 900 | 197 | 179 | 0.65 | 0.50 | 0.15 | 0.13 | 0.04 | 0.03 | 8.1 | 7.8 |
| MS | 82.0 | 52 - 82 | 62.00 | 2160 | 1890 | 835 | 616 | 206 | 187 | 0.37 | 0.09 | 0.09 | 0.03 | 0.05 | <0.03 | 3.2 | 1.8 |
| MT | 98.0 | 34 - 94 | 68.40 | 2900 | 2540 | 1530 | 1070 | 163 | 144 | 0.39 | 0.31 | 0.31 | 0.18 | 0.03 | <0.01 | 21.2 | 12.3 |
| MU | 80.0 | 50 - 80 | 44.19 | 4220 | 4220 | 2330 | 1630 | 169 | 169 | 0.12 | 0.11 | 0.10 | 0.10 | 0.03 | <0.03 | 114.0 | 114.0 |
| MV | 105.0 | 75 - 105 | 65.97 | 2110 | 2110 | 876 | 784 | 205 | 184 | 0.25 | 0.24 | 0.10 | 0.10 | 0.03 | 0.02 | 4.0 | 4.0 |
| MX | 103.0 | 63 - 103 | 52.07 | 1870 | 1840 | 774 | 606 | 190 | 190 | 0.04 | 0.03 | 0.01 | 0.01 | 0.03 | <0.03 | 1.5 | 1.3 |
| MY | 112.0 | 72 - 112 | 58.07 | 1920 | 1860 | 773 | 600 | 223 | 198 | 0.03 | 0.02 | 0.04 | 0.02 | 0.04 | <0.03 | 1.6 | 1.1 |
| N | 92.0 | 54 - 94 | 53.09 | 3030 | 2390 | 1788 | 1230 | 340 | 60 | 0.92 | 0.09 | 0.27 | 0.10 | 0.49 | <0.03 | 38.0 | 15.3 |
| NA | 91.4 | 50 - 90 | 57.75 | 7700 | 2430 | 4038 | 1130 | 121 | 121 | 33.24 | 2.68 | 0.10 | 0.09 | 33.0 | 6.16 | 3.9 | 3.9 * |
| NB | 96.4 | 50 - 90 | 50.48 | 31913 | 26500 | 14602 | 11700 | 1988 | 1320 | 65.41 | 62.10 | 0.51 | 0.51 | 93.8 | 93.8 | 11.5 | 9.1 * |
| NC | 95.0 | 65 - 95 | 53.21 | 2490 | 1280 | 1789 | 640 | 76 | 40 | 2.76 | 0.01 | 0.08 | 0.07 | 0.17 | <0.03 | 15.9 | 4.0 |
| NE5 | 156.8 | 135 - 155 | 64.81 | 28163 | 4670 | 10293 | 1910 | 1106 | 194 | 54.60 | 5.87 | 0.38 | 0.05 | 131 | 16 | 5.4 | 0.3 |
| NW5 | 149.8 | 119 - 159 | 114.58 | 25477 | 2410 | 9174 | 1010 | 1010 | 108 | 51.50 | 1.61 | 0.29 | 0.08 | 165 | 5 | 11.7 | 0.4 |
| O | 69.9 | 40 - 70 | 48.86 | 2490 | 1970 | 2015 | 900 | 202 | 140 | 1.61 | 0.03 | 0.33 | 0.24 | 1.70 | <0.03 | 13.0 | 0.5 |
| PM | 81.9 | ---- | 15.00 | 3528 | 1880 | 1930 | 650 | 242 | 213 | 6.11 | 0.23 | 0.95 | 0.03 | 2.11 | 0.15 | 46.0 | 3.7 |
| S | 72.2 | 52 - 72 | 56.05 | 27727 | 20400 | 15621 | 10200 | 1960 | 1280 | 158.6 | 57.00 | 6.95 | 3.48 | 176 | 94.1 | 56.9 | 5.5 |
| S2 | 100.0 | 90 - 100 | 49.63 | 7600 | 4950 | 3730 | 2460 | 328 | 275 | 36.30 | 15.80 | 1.89 | 1.20 | 23.9 | 18.4 | 28.8 | 7.8 |

C22

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|-------|-----------------|-------|-------|------|-------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| S3 | 122.6 | 80 - 120 | 50.50 | 5546 | 3400 | 3036 | 1500 | 360 | 250 | 17.80 | 9.00 | 1.48 | 0.04 | 10.9 | 7.60 | 15.5 | 2.0 |
| S4 | 112.4 | 50 - 110 | 51.21 | 6400 | 2720 | 3568 | 1420 | 665 | 150 | 16.71 | 2.53 | 3.79 | 0.17 | 31.7 | 1.42 | 25 | <0.1 |
| S5 | 115.0 | 54 - 106 | 62.50 | 8300 | 8300 | 4040 | 4040 | 385 | 385 | 35.60 | 14.30 | 1.59 | 0.51 | 27.7 | 27.7 | 8.7 | 8.7 |
| S6 | 113.2 | 55 - 105 | 55.85 | 12011 | 11800 | 5957 | 5290 | 559 | 415 | 28.76 | 24.60 | 9.01 | 0.77 | 53.6 | 40.8 | 10.9 | 10.9 |
| S7 | 97.0 | 40 - 84 | 57.38 | 19349 | 11600 | 9063 | 5590 | 792 | 587 | 45.40 | 30.30 | 1.92 | 1.35 | 51.6 | 47.1 | 8.7 | 8.7 |
| S11 | 76.2 | 48 - 78 | 51.28 | 2730 | 2440 | 1380 | 1050 | 183 | 183 | 0.05 | 0.02 | 0.48 | 0.39 | 0.03 | 0.03 | 64.3 | 52.4 |
| S12 | 93.0 | 53 - 93 | 56.56 | 2180 | 2180 | 1040 | 1040 | 214 | 214 | 2.35 | 1.53 | 0.43 | 0.35 | 2.23 | 0.52 | ---- | ---- |
| SA | 123.7 | 100 - 130 | 67.24 | 11880 | 4390 | 6052 | 1780 | 14183 | 267 | 44.52 | 10.80 | 2.38 | 0.43 | 39.7 | 14.47 | 31.7 | 4.5 |
| SB | 125.0 | 100 - 130 | 57.43 | 13760 | 10800 | 14154 | 5240 | 426 | 242 | 59.11 | 23.10 | 2.18 | 0.68 | 69.7 | 56.4 | 43.0 | 6.8 |
| SC | 105.4 | 55 - 105 | 57.11 | 21180 | 9750 | 9703 | 5060 | 950 | 464 | 80.56 | 27.44 | 8.55 | 1.31 | 99.5 | 43.8 | 60.1 | 10.6 |
| SD | 90.1 | 50 - 110 | 63.14 | 22090 | 8620 | 14055 | 4624 | 681 | 383 | 181.3 | 36.46 | 9.18 | 0.83 | 172 | 24.3 | 35.0 | 17.1 |
| SD4 | 95.0 | 45 - 95 | 61.44 | 24200 | 7750 | 9934 | 4259 | 539 | 284 | 80.14 | 24.80 | 3.88 | 2.02 | 83.1 | 33.3 | 38.6 | 18.5 |
| SE | 111.8 | 50 - 90 | 55.38 | 21390 | 2670 | 10090 | 1390 | 500 | 161 | 86.92 | 4.82 | 6.15 | 0.06 | 106 | 0.89 | 30.0 | <0.1 |
| SE4 | 105.3 | ----- | 53.71 | 2350 | 401 | 1300 | 102 | 138 | 32 | 0.33 | 0.33 | 0.06 | 0.06 | 0.17 | 0.17 | ---- | ---- |
| SM | 86.0 | ----- | 55.21 | 28690 | 27614 | 16839 | 13841 | 1492 | 1492 | 137.4 | 79.51 | 4.67 | 3.65 | 173 | 90.9 | 39.9 | 1.8 |
| SN | 67.5 | ----- | 55.48 | 26460 | 23007 | 12929 | 10763 | 1315 | 1315 | 132.7 | 48.46 | 12.3 | 3.45 | 152 | 83.8 | 16.5 | 8.1 |
| SO | 92.3 | ----- | 55.11 | 18830 | 2230 | 10211 | 1140 | 567 | 94 | 98.58 | 1.36 | 4.72 | 0.03 | 161 | 2.82 | 48.6 | <0.1 |
| SP | 94.4 | ----- | 55.37 | 22670 | 5230 | 12082 | 2994 | 574 | 325 | 116.6 | 11.90 | 5.86 | 0.31 | 174 | 11.0 | 62.0 | 1.0 |
| SQ | 95.0 | 55 - 95 | 58.18 | 16640 | 5930 | 8940 | 2630 | 619 | 230 | 42.40 | 10.70 | 1.95 | 0.91 | 70.3 | 20.6 | 40.0 | 11.6 |
| SR | 95.0 | 50 - 90 | 58.25 | 24640 | 17800 | 12180 | 8480 | 1028 | 967 | 93.70 | 35.40 | 5.51 | 2.85 | 156 | 67.2 | 42.0 | 7.1 |
| SS | 101.0 | 51 - 101 | 63.87 | 16630 | 6140 | 7763 | 3000 | 391 | 306 | 42.40 | 13.00 | 1.32 | 0.74 | 31.2 | 23.0 | 26.5 | 6.0 |
| ST | 97.0 | 55 - 97 | 59.31 | 6300 | 2690 | 3022 | 1030 | 371 | 204 | 15.74 | 3.42 | 1.40 | 0.27 | 17.0 | 4.68 | 19.0 | 4.3 |
| SV | 78.2 | 55 - 105 | 64.60 | 21900 | 9150 | 9747 | 4100 | 993 | 438 | 56.00 | 19.60 | 5.79 | 1.04 | 92.6 | 35.5 | 94.0 | 9.7 |
| SW | 81.9 | 35 - 80 | 60.70 | 18774 | 18774 | 8991 | 8991 | 978 | 978 | 45.73 | 45.73 | 2.60 | 2.60 | 68.2 | 68.2 | 5.4 | 5.4 |
| SZ | 62.6 | 40 - 70 | 49.63 | 31830 | 31230 | 15068 | 14526 | 965 | 965 | 157.3 | 142.5 | 9.70 | 3.83 | 183 | 169 | 29.9 | 18.5 |
| T | 70.2 | 61 - 71 | 57.60 | 38846 | 1920 | 26240 | 746 | 2600 | 160 | 138.4 | 3.83 | 168 | 0.83 | 278 | 5.85 | 240 | 46.9 |
| T1 | ----- | 121 - 171 | 146.13 | 4530 | 4530 | 2609 | 2609 | 234 | 177 | 11.36 | 10.69 | 1.22 | 1.12 | 12.5 | 12.5 | 37.7 | 28.1 |
| T2 | 186.0 | 100 - 186 | 135.89 | 11570 | 7160 | 6377 | 3580 | 447 | 377 | 44.73 | 14.90 | 10.7 | 0.67 | 48.5 | 24.2 | 29.6 | 10.0 |
| TA | 62.4 | 35 - 65 | 40.64 | 35216 | 1060 | 17639 | 362 | 1956 | 80 | 173.0 | 1.60 | 118 | 0.96 | 233 | 2.88 | 98.5 | 16.3 |
| TB | 64.4 | 35 - 65 | 33.11 | 33612 | 435 | 15150 | 99 | 2731 | 19 | 447.0 | 0.42 | 213 | 0.10 | 313 | 0.80 | 130 | 5.8 |
| W | 99.3 | 58 - 118 | 46.90 | 11770 | 1800 | 2306 | 607 | 709 | 154 | 0.09 | 0.07 | 2.50 | 0.04 | 0.10 | <0.03 | 23.4 | 0.3 |
| W2 | 79.1 | ----- | 56.21 | 3240 | 1870 | 1807 | 756 | 234 | 184 | 1.00 | 0.03 | 2.04 | 0.02 | 0.10 | <0.03 | 21.1 | 1.1 |
| WN4 | 142.4 | 50 - 190 | 94.96 | 29654 | 7310 | 11723 | 2930 | 1969 | 452 | 47.76 | 7.86 | 0.15 | <0.01 | 114 | 22.3 | 7.3 | 2.6 |
| WR5 | 72.4 | 60 - 80 | 38.69 | 8230 | 2040 | 4537 | 716 | 376 | 203 | 46.64 | 0.08 | 42.0 | 0.01 | 53.8 | 0.04 | 30.8 | 1.8 |
| WR6 | 96.8 | 55 - 85 | 3.04 | 3740 | 1800 | 1955 | 834 | 156 | 156 | 5.17 | 0.08 | 2.12 | 0.08 | 1.26 | 0.01 | 9.0 | 5.5 |
| WR7 | 97.3 | 55 - 85 | 38.91 | 3390 | 1900 | 1987 | 634 | 237 | 197 | 3.24 | 0.14 | 1.61 | <0.01 | 0.20 | 0.05 | 22.9 | 1.8 |
| WR8 | 110.2 | 50 - 100 | 38.72 | 1910 | 1770 | 1032 | 746 | 163 | 163 | 0.06 | 0.06 | 1.24 | 0.05 | 0.02 | <0.01 | 12.5 | 3.8 |
| WR9 | 111.3 | 50 - 100 | 46.82 | 2800 | 1880 | 1011 | 714 | 200 | 200 | 0.13 | 0.08 | 1.11 | 0.01 | 0.10 | <0.03 | 27.1 | 1.8 |
| WR10 | 120.6 | 60 - 110 | 48.52 | 3590 | 1640 | 2006 | 751 | 227 | 145 | 0.03 | 0.03 | 2.10 | 0.08 | 0.12 | <0.01 | 14.5 | 4.0 |
| WR11 | 120.5 | 60 - 110 | 48.29 | 7050 | 1540 | 3159 | 619 | 340 | 125 | 10.26 | 0.39 | 2.51 | 0.05 | 0.10 | <0.03 | 26.7 | 0.8 |
| WR16 | 122.3 | 40 - 120 | 44.22 | 2917 | 2310 | 1340 | 1270 | 174 | 127 | 4.76 | 0.25 | 0.47 | 0.27 | 8.87 | 0.19 | 4.5 | 2.7 |
| WR17 | 124.4 | 40 - 120 | 4.71 | 3730 | 1870 | 2038 | 939 | 151 | 107 | 7.13 | 0.09 | 0.71 | 0.01 | 3.81 | <0.03 | 5.3 | 5.3 |

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|-------|--------|-----------------|-------|-------|-------|-------|--------|------|--------|------|--------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| WR18 | 73.7 | 20 - 70 | 2.43 | 2265 | 1600 | 1233 | 879 | 104 | 43 | 0.11 | 0.01 | 0.05 | <0.01 | 0.08 | <0.03 | 5.1 | 5.1 |
| WR19 | 87.8 | 25 - 85 | 3.91 | 5712 | 2660 | 2938 | 1480 | 378 | 200 | 21.90 | 3.41 | 1.53 | 0.53 | 0.15 | 0.11 | 79.3 | 79.3 |
| WR20 | 102.3 | 42 - 102 | 8.26 | 4450 | 2830 | 1910 | 1490 | 199 | 192 | 0.14 | 0.07 | 0.61 | 0.04 | 0.03 | <0.03 | 68.8 | 68.8 |
| WR21 | 88.9 | 28 - 88 | 24.00 | 4510 | 3890 | 1910 | 1910 | 180 | 180 | 0.19 | 0.12 | 0.16 | 0.13 | 0.03 | <0.03 | 33.1 | 33.1 |
| WR22 | 91.5 | 30 - 90 | 35.65 | 3790 | 3430 | 1890 | 1890 | 104 | 104 | 0.17 | 0.17 | 0.17 | 0.13 | 0.03 | <0.03 | 43.2 | 43.2 |
| WR23 | 94.3 | 32 - 92 | 3.30 | 3510 | 3230 | 1920 | 1850 | 112 | 112 | 0.16 | 0.16 | 0.10 | 0.08 | 0.03 | <0.03 | 15.3 | 15.3 |
| WR24 | 89.2 | 50 - 90 | 32.00 | 3610 | 3140 | 2000 | 1800 | 103 | 103 | 0.27 | 0.20 | 0.14 | 0.11 | 0.03 | <0.03 | 17.3 | 17.3 |
| X | 50.7 | ----- | 16.00 | 7820 | 188 | 3786 | 29 | 1064 | 13 | 20.14 | 0.02 | 16.9 | 0.01 | 72.9 | 0.29 | 68.2 | 1.1 |
| X11 | 57.0 | 17 - 57 | 0.50 | 11211 | 11211 | 4680 | 4680 | ----- | ----- | 64.40 | 64.40 | 60.0 | 60.0 | 71.2 | 71.2 | ----- | ----- |
| X12 | 57.0 | 17 - 57 | 0.50 | 26034 | 26034 | 15460 | 15460 | ----- | ----- | 52.85 | 52.85 | 20.0 | 20.0 | 41.9 | 41.9 | ----- | ----- |
| X13 | 56.0 | 16 - 56 | 40.76 | 3290 | 3290 | 1500 | 1500 | 254 | 254 | 14.05 | 11.00 | 0.76 | 0.56 | 7.62 | 2.94 | 3.7 | 0.8 |
| X14 | 56.0 | 16 - 56 | 39.80 | 3650 | 3650 | 1660 | 1660 | 245 | 245 | 11.48 | 7.70 | 0.66 | 0.56 | 6.23 | 5.56 | <0.1 | <0.1 |
| X15 | 57.0 | 17 - 57 | 40.54 | 4370 | 4190 | 1990 | 1990 | 267 | 267 | 14.50 | 13.40 | 0.73 | 0.58 | 5.66 | 1.88 | 6.8 | 6.5 |
| X16 | 47.0 | 22 - 47 | 40.65 | 3520 | 3520 | 1650 | 1610 | 297 | 250 | 16.90 | 16.90 | 0.71 | 0.50 | 6.79 | 2.14 | 15.9 | 5.4 |
| Y | 60.8 | 54 - 59 | 6.00 | 53000 | 1150 | 3350 | 341 | 700 | 76 | 18.66 | 0.67 | 1.87 | 0.12 | 32.8 | 2.10 | 106 | 2.0 |
| Z | 73.9 | 60 - 70 | 5.00 | 5220 | 1798 * | 3234 | 765 * | 461 | 203 * | 22.12 | 0.29 * | 1.70 | 0.01 * | 19.6 | 0.22 * | 46.1 | 4.0 * |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 143 | 86 | 131 | 70 | 181 | 169 | 163 | 141 | 151 | 100 | 160 | 132 | 83 | 16 |
| % Exceeding = | | | | 78 | 47 | 71 | 38 | 98 | 92 | 89 | 77 | 82 | 54 | 87 | 72 | 45 | 9 |
| Total Number of Wells = 184 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

Exceeds Proposed Background

% = Percentage of Wells that Exceed Proposed Background

* = Latest Value is Pre-1994

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**TABLE B-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|-----|-----|-------|--------|------|--------|-------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| Broadview | | | | | | | | | | | | | | | | | |
| 0410 | 105 | 90 - 105 | 33.36 | 2682 | 1781 | 1920 | 718 | 194 | 194 | 3.00 | 0.05 | 0.52 | 0.02 | 1.02 | <0.03 | 3.6 | 1.9 |
| 0411 | 70 | 65 - 70 | 35.10 | 2810 | 1680 | 1740 | 732 | 305 | 163 | 4.16 | 3.31 | 1.20 | 0.03 | 0.08 | 0.02 | 370 | 5.2 |
| 0412 | ---- | ---- | ---- | 3000 | 3000 | 1520 | 1494 | 213 | 191 | 0.05 | 0.04 | 0.09 | 0.01 | 0.07 | 0.02 | 12.0 | 9.0 |
| 0413 | ---- | ---- | 35.25 | 1782 | 1782 | 673 | 673 | 182 | 182 | 0.03 | 0.03 | 0.01 | 0.01 | 0.03 | <0.03 | 1.7 | 1.7 |
| 0421 | 88 | 72 - 102 | 37.58 | 1870 | 1870 | 711 | 674 | 203 | 198 | 0.06 | 0.01 | 0.17 | <0.01 | 0.03 | <0.03 | 1.9 | 1.7 |
| 0422 | 80 | 60 - 80 | 32.82 | 2270 | 1819 | 1200 | 684 | 202 | 202 | 0.12 | 0.02 | 0.13 | <0.01 | 0.04 | <0.03 | 6.6 | 1.5 |
| 0423 | ---- | ---- | ---- | 1900 | 1773 | 1136 | 651 | 248 | 190 | 0.05 | 0.02 | 0.09 | 0.01 | 0.03 | <0.03 | 6.6 | 1.5 |
| 0425 | 90 | 50 - 90 | 32.42 | 1800 | 1797 | 909 | 669 | 194 | 194 | 0.03 | <0.01 | 0.12 | 0.01 | 0.03 | <0.03 | 21.0 | 1.7 |
| 0426 | 100 | 80 - 100 | 30.65 | 2270 | 2270 | 760 | 760 | 120 | 120 | 0.05 | <0.008 | 0.32 | 0.15 | 0.02 | 0.02 | 3.6 | 3.6 |
| 0427 | 121 | 62 - 120 | 35.00 | 1900 | 1741 | 849 | 665 | 191 | 191 | 0.02 | 0.02 | 0.17 | <0.005 | 0.04 | <0.03 | 4.1 | 0.3 |
| 0428 | 110 | 83 - 104 | ---- | 2570 | 2570 | 1000 | 1000 | 351 | 351 | 0.02 | 0.02 | 0.05 | 0.05 | 0.03 | <0.03 | 30.3 | 30.3 |
| 0429 | 100 | 58 - 75 | 37.21 | 2130 | 2083 | 1060 | 810 | 283 | 283 | 0.08 | 0.02 | 0.28 | 0.02 | 0.03 | <0.03 | 9.3 | 9.3 |
| 0430 | 145 | ---- | ---- | 2940 | 2940 | 1109 | 697 | 184 | 163 | 3.62 | 0.14 | 0.25 | 0.10 | 0.25 | 0.07 | 2.2 | 2.1 |
| 0431 | 130 | 125 - 130 | 35.00 | 5950 | 1709 | 3227 | 668 | 312 | 180 | 17.05 | 0.02 | 2.30 | 0.01 | 5.78 | <0.03 | 7.5 | 1.9 |
| 0432 | ---- | ---- | ---- | 1660 | 1660 | 1840 | 627 | 284 | 156 | 0.34 | 0.07 | 2.50 | 0.02 | 0.02 | 0.01 | 1.2 | 1.2 |
| 0433 | 90 | 58 - 84 | 36.05 | 2053 | 2053 | 1986 | 839 | 234 | 189 | 1.10 | 0.03 | 2.40 | 0.01 | 0.03 | <0.03 | 3.5 | 3.5 |
| 0435 | 85 | ---- | 34.75 | 1860 | 1860 | 1530 | 689 | 206 | 206 | 0.10 | 0.08 | 2.50 | 0.02 | 0.03 | <0.03 | 2.0 | 1.6 |
| 0438 | 120 | 70 - 100 | ---- | 1090 | 1090 | 665 | 665 | 149 | 149 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 3.1 | 3.1 |
| 0439 | 97 | 77 - 97 | 39.80 | 1870 | 1782 | 1400 | 727 | 184 | 182 | 0.23 | 0.04 | 1.90 | <0.005 | 0.03 | <0.03 | 3.5 | 1.3 |
| 0440 | ---- | ---- | ---- | 2030 | 1720 | 1010 | 676 | 156 | 121 | 0.72 | 0.54 | 0.38 | 0.03 | 0.02 | 0.02 | 1.9 | 1.3 |
| 0441 | 116 | 106 - 116 | 35.19 | 2820 | 1250 | 1403 | 532 | 188 | 188 | 2.37 | 0.16 | 0.20 | 0.01 | 0.49 | <0.03 | 4.4 | <0.1 |
| 0442 | 100 | 70 - 100 | 37.15 | 2010 | 2010 | 948 | 948 | 156 | 156 | 3.00 | 3.00 | 0.17 | 0.17 | 0.03 | 0.03 | 2.7 | 2.7 |
| 0443 | ---- | 60 - 80 | ---- | 1830 | 1830 | 2230 | 764 | 262 | 128 | 5.17 | 0.37 | 3.90 | 0.03 | 0.26 | 0.26 | 1.9 | 1.9 |
| 0444 | 80 | ---- | 28.84 | 1801 | 1801 | 2170 | 730 | 255 | 189 | 3.19 | 0.10 | 1.50 | 0.01 | 0.09 | 0.09 | 1.4 | 1.4 |
| 0445 | 108 | 75 - 105 | ---- | 2760 | 1740 | 2224 | 901 | 248 | 156 | 5.77 | 2.83 | 2.20 | 0.10 | 0.79 | 0.14 | 4.4 | 1.5 |
| 0446 | 110 | 60 - 95 | 41.28 | 2520 | 1420 | 1896 | 576 | 248 | 196 | 0.24 | 0.02 | 0.15 | 0.01 | 0.05 | <0.03 | 7.4 | 2.0 |
| 0447 | 142 | 120 - 142 | 41.18 | 2690 | 2480 | 1428 | 1337 | 149 | 149 | 1.65 | 1.52 | 0.33 | 0.25 | 0.24 | 0.24 | 3.0 | 3.0 |
| 0448 | ---- | ---- | ---- | 2920 | 2920 | 1400 | 1400 | 229 | 229 | 0.17 | 0.17 | 0.05 | 0.05 | ---- | ---- | 12.7 | 6.5 |
| 0450 | ---- | 70 - 105 | 42.29 | 3444 | 1836 | 2002 | 690 | 220 | 197 | 0.07 | 0.07 | 1.78 | 0.01 | 0.05 | <0.03 | 9.8 | 1.4 |
| 0451 | ---- | ---- | ---- | 1890 | 1890 | 642 | 642 | 199 | 199 | 0.04 | 0.04 | 0.02 | 0.02 | <0.03 | <0.03 | 1.6 | 1.6 |
| 0452 | 100 | 40 - 100 | 41.20 | 1845 | 1845 | 671 | 671 | 192 | 192 | 0.28 | 0.05 | 0.04 | <0.005 | 0.04 | <0.03 | 2.4 | 1.4 |
| 0453 | 110 | 60 - 110 | 34.93 | 2590 | 1650 | 1408 | 609 | 385 | 190 | 0.20 | 0.02 | 0.04 | 0.01 | 0.11 | <0.03 | 16.4 | 1.8 |
| SUB1 | ---- | ---- | 34 | 3230 | 2020 | 1777 | 842 | 483 | 180 | 2.18 | 0.17 | 1.07 | 0.02 | 0.22 | <0.03 | 19.8 | 2.3 |
| SUB2 | ---- | ---- | 40.92 | 4110 | 1880 | 2216 | 676 | 293 | 189 | 1.34 | 0.12 | 1.80 | 0.01 | 0.14 | <0.03 | 20.0 | 1.6 |
| SUB3 | 84 | 56 - 72 | 28.80 | 3800 | 2560 | 3220 | 1330 | 268 | 123 | 8.90 | 0.03 | 3.00 | 0.02 | 0.13 | <0.03 | 62.0 | 2.2 |
| SUB4 | 100 | 60 - 85 | 49.11 | 2020 | 1680 | 2077 | 721 | 185 | 163 | 0.14 | <0.01 | 2.10 | 0.01 | 0.20 | 0.01 | 13.7 | 4.3 |
| SUB5 | 86 | 55 - 80 | ---- | 4546 | 1700 | 2680 | 696 | 264 | 163 | 2.20 | 2.00 | 9.17 | 0.01 | 6.44 | 0.76 | 8.3 | 1.6 |
| SUB6 | 82 | 52 - 82 | ---- | 4103 | 1680 | 2471 | 724 | 290 | 170 | 5.70 | 0.09 | 5.15 | 0.01 | 0.11 | 0.01 | 16.8 | 3.3 |
| SUB7 | 98 | 78 - 98 | ---- | 4280 | 4280 | 1682 | 667 | 213 | 163 | 0.09 | 0.06 | 3.22 | 0.01 | 0.10 | 0.01 | 30.4 | 7.1 |
| SUB8 | 150 | 60 - 90 | ---- | 4870 | 1620 | 2679 | 618 | 284 | 163 | 7.76 | <0.008 | 3.30 | 0.06 | 1.78 | 0.04 | 7.0 | 1.0 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 9 | 1 | 14 | 0 | 40 | 40 | 22 | 10 | 23 | 0 | 19 | 6 | 4 | 1 |
| % Exceeding = | | | | 23 | 3 | 35 | 0 | 100 | 100 | 55 | 25 | 58 | 0 | 48 | 15 | 10 | 3 |
| Total Number of Wells = 40 | | | | | | | | | | | | | | | | | |
| Felice Acres | | | | | | | | | | | | | | | | | |

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**TABLE B-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|--------|-----------------|-------|-----|------|-------|--------|------|--------|------|--------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0481 | 320 | 270 - 310 | ----- | 1990 | 1450 * | 1110 | 750 * | 99 | 64 * | 0.98 | 0.42 * | 0.32 | 0.08 * | 0.16 | 0.10 * | 2.0 | 1.8 * |
| 0482 | 260 | 220 - 260 | 35.85 | 2690 | 1906 | 1300 | 716 | 240 | 197 | 6.53 | 0.25 | 0.80 | 0.02 | 2.35 | <0.03 | 4.2 | 1.8 |
| 0483 | 280 | ----- | 36.93 | 3800 | 1891 | 2100 | 711 | 277 | 198 | 12.30 | 0.22 | 1.60 | 0.04 | 4.93 | 0.08 | 5.3 | 1.1 |
| 0490 | 63 | 20 - 80 | 37.23 | 2740 | 1880 | 1316 | 715 | 217 | 207 | 4.62 | 0.25 | 3.65 | 0.03 | 2.12 | 0.12 | 13.6 | 1.8 |
| 0491 | 63 | 30 - 63 | 39.32 | 3270 | 3270 | 1414 | 1200 | 412 | 191 | 4.03 | 0.66 | 0.46 | 0.1 | 2.03 | 0.06 | 6.9 | 1.6 |
| 0492 | 60 | 40 - 60 | 34.7 | 2320 | 1920 | 1179 | 785 | 284 | 182 | 0.67 | 0.24 | 0.12 | 0.04 | 0.15 | <0.03 | 15.0 | 2.0 |
| 0495 | ----- | ----- | ----- | 1843 | 1843 | 736 | 736 | 202 | 202 | 0.06 | 0.06 | 0.01 | <0.005 | 0.03 | <0.03 | 0.6 | 0.6 |
| 0496 | 94.43 | 53 - 93 | 75.32 | 1940 | 1880 | 841 | 630 | 184 | 184 | 0.95 | 0.52 | 0.17 | 0.08 | 0.06 | <0.03 | 2.1 | 1.6 |
| 0497 | 94 | 64 - 94 | 55.71 | 2050 | 2050 | 779 | 680 | 190 | 188 | 1.49 | 0.86 | 0.07 | 0.06 | 0.03 | <0.03 | 1.6 | 1.6 |
| CW44 | 208 | ----- | 157.65 | 2060 | 1970 | 909 | 822 | 208 | 186 | 1.41 | 0.85 | 0.10 | 0.08 | 0.03 | <0.03 | 2.5 | 2.5 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 2 | 1 | 1 | 0 | 10 | 9 | 9 | 9 | 5 | 0 | 7 | 4 | 0 | 0 |
| % Exceeding = | | | | 20 | 10 | 10 | 0 | 100 | 90 | 90 | 90 | 50 | 0 | 70 | 40 | 0 | 0 |
| Total Number of Wells = 10 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

 = Exceeds Proposed Background

% = Percentage of Wells that Exceed Proposed Background

* = Latest Value is Pre-1994

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**TABLE B-3. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MURRAY ACRES AND PLEASANT VALLEY ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|-------|------|-----------------|------|------|------|------|------|------|--------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | | |
| Murray Acres | | | | | | | | | | | | | | | | | |
| 0801 | 100 | 80 - 100 | 36.85 | 2400 | 1339 | 2010 | 458 | 191 | 147 | 0.07 | 0.02 | 6.00 | <0.005 | 0.03 | <0.03 | 10.2 | 0.3 |
| 0802 | 98 | 75 - 81 | 40.2 | 1961 | 1880 | 1049 | 673 | 207 | 168 | 1509 | 1.03 | 0.37 | 0.04 | 0.10 | <0.03 | 28.5 | 1.8 |
| 0803 | 290 | 85 - 180 | 84.86 | 2040 | 2040 | 1010 | 895 | 154 | 154 | 0.08 | 0.08 | 0.26 | 0.01 | 0.10 | 0.100 | 1.1 | 1.1 |
| 0804 | 137 | 125 - 136 | 46.6 | 2740 | 1920 | 1528 | 797 | 207 | 165 | 0.14 | 0.06 | 0.19 | 0.06 | 0.05 | <0.03 | 8.2 | 2.6 |
| 0805 | 140 | 100 - 140 | 59.34 | 2580 | 2092 | 1618 | 1125 | 206 | 135 | 0.41 | 0.07 | 0.07 | 0.03 | 0.05 | <0.03 | 9.4 | 1.8 |
| 0810 | 105 | 75 - 101 | ---- | 2800 | 2724 | 1484 | 1359 | 221 | 221 | 0.12 | 0.05 | 0.62 | 0.07 | 0.06 | <0.03 | 5.9 | 5.1 |
| 0811 | 140 | 100 - 140 | ---- | 28600 | 2260 | 1457 | 1180 | 480 | 156 | 0.09 | 0.03 | 0.17 | 0.02 | 0.05 | 0.020 | 15.4 | 6.2 |
| 0815 | 255 | ---- | 29.14 | 3280 | 1450 | 2140 | 711 | 326 | 93 | 0.12 | 0.00 | 0.13 | 0.00 | 0.10 | <0.03 | 27.1 | 4.0 |
| 0844 | 75 | 35 - 75 | 34.26 | 4200 | 2360 | 2304 | 869 | 255 | 178 | 0.85 | 0.07 | 0.09 | 0.02 | 0.06 | <0.03 | 21.0 | 7.0 |
| 0845 | 65 | 45 - 65 | 34.5 | 3570 | 1930 | 1751 | 620 | 452 | 190 | 0.16 | 0.07 | 0.04 | 0.02 | 0.11 | <0.03 | 22.0 | 2.3 |
| AW | 156 | ---- | 15 | 4440 | 1710 | 2991 | 942 | 312 | 177 | 7.89 | 0.62 | 1.90 | 0.03 | 27.0 | 0.24 | 42.6 | 5.7 |
| HW | 115 | 60 - 94 | 40 | 2280 | 2274 | 2708 | 1002 | 234 | 204 | 0.08 | 0.07 | 0.29 | 0.04 | 0.12 | <0.03 | 10.3 | 3.1 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 5 | 0 | 5 | 0 | 12 | 12 | 5 | 2 | 5 | 0 | 8 | 2 | 3 | 0 |
| % Exceeding = | | | | 42 | 0 | 42 | 0 | 100 | 100 | 42 | 17 | 42 | 0 | 67 | 17 | 25 | 0 |
| Total Number of Wells = 12 | | | | | | | | | | | | | | | | | |
| Pleasant Valley | | | | | | | | | | | | | | | | | |
| 0688 | 105 | 65 - 105 | 61.61 | 1930 | 1840 | 1290 | 719 | 189 | 163 | 0.07 | 0.05 | 0.03 | 0.02 | 0.03 | <0.03 | 2.8 | 1.3 |
| 0831 | ---- | ---- | 54.95 | 4620 | 2938 | 1901 | 1443 | 252 | 252 | 0.10 | 0.10 | 0.15 | 0.07 | 0.15 | <0.03 | 8.0 | 4.2 |
| 0833 | 110 | 60 - 90 | 46.61 | 2760 | 2760 | 1242 | 1242 | 257 | 257 | 0.09 | 0.09 | 0.04 | 0.02 | 0.03 | <0.03 | 7.7 | 3.1 |
| 0834 | 100 | 60 - 80 | ---- | 2557 | 2557 | 1228 | 1228 | 204 | 204 | 0.05 | 0.05 | 0.07 | 0.07 | 0.03 | <0.03 | 7.1 | 0.9 |
| 0835 | 98 | 73 - 94 | 49.74 | 3374 | 3040 | 1816 | 1500 | 261 | 261 | 0.17 | 0.08 | 0.06 | 0.05 | 0.03 | <0.03 | 23.4 | 3.6 |
| 0836 | 90 | 65 - 80 | ---- | 1340 | 1340 | 775 | 775 | ---- | ---- | 0.04 | 0.01 | 0.26 | 0.04 | 0.02 | 0.02 | 4.6 | 4.6 |
| 0838 | 100 | ---- | 49.03 | 2566 | 2566 | 1208 | 1208 | 208 | 208 | 0.06 | 0.06 | 0.06 | 0.06 | 0.03 | <0.03 | 4.8 | 4.8 |
| 0839 | 100 | 80 - 96 | 50.00 | 2390 | 1688 | 1483 | 770 | 154 | 154 | 0.03 | 0.03 | 0.11 | 0.03 | 0.03 | <0.03 | 8.8 | 2.3 |
| 0840 | 98 | 73 - 94 | 47.32 | 2790 | 781 | 1602 | 288 | 199 | 27 | 0.09 | 0.01 | 0.08 | 0.01 | 0.05 | <0.03 | 24.0 | 3.9 |
| 0841 | 100 | ---- | 54.66 | 2300 | 2025 | 1370 | 967 | 152 | 152 | 0.04 | 0.04 | 0.09 | 0.06 | 0.03 | <0.03 | 6.8 | 3.2 |
| 0843 | 120 | 100 - 110 | 52.40 | 2100 | 1868 | 1274 | 695 | 197 | 197 | 0.09 | 0.06 | 0.07 | 0.01 | 0.06 | <0.03 | 20.6 | 1.3 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 2 | 0 | 1 | 0 | 10 | 9 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 0 |
| % Exceeding = | | | | 18 | 0 | 9 | 0 | 91 | 82 | 9 | 0 | 0 | 0 | 18 | 0 | 18 | 0 |
| Total Number of Wells = 11 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Proposed Background
 % = Percentage of Wells that Exceed Proposed Background
 * = Latest Value is Pre-1994

**TABLE B-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0520 | 75 | 35 - 75 | 56.7 | 2070 | 1970 | 850 | 850 | 206 | 206 | 0.02 | 0.01 | 0.23 | 0.03 | 5.84 | 3.85 | 1.7 | 1.7 |
| 0521 | 75 | 35 - 75 | 52.5 | 2120 | 2120 | 913 | 913 | 232 | 232 | 2.77 | 2.12 | 0.16 | 0.16 | 3.17 | 3.17 | 1.9 | 1.9 |
| 0531 | ---- | ---- | 79.24 | 1840 | 1840 | 804 | 670 | 124 | 124 | 0.17 | 0.12 | 0.05 | 0.03 | 0.03 | <0.03 | 3.3 | 2.0 |
| 0532 | ---- | ---- | ---- | 661 | 490 | 240 | 171 | 57.2 | 24 | 0.01 | 0.01 | 0.02 | 0.01 | 0.03 | <0.03 | 16.0 | 3.1 |
| 0533 | ---- | ---- | ---- | 470 | 470 | * | 170 | 170 | 17 | 0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | 16.4 | 16.4 |
| 0631 | 118 | 58 - 118 | 103.72 | 1650 | 1560 | 820 | 819 | 93.5 | 93 | 0.03 | 0.02 | 0.28 | 0.21 | 0.03 | <0.03 | 2.2 | 2.0 |
| 0632 | 110 | 70 - 110 | 103.86 | 1710 | 1580 | 874 | 688 | 114 | 113 | 0.03 | 0.02 | 0.33 | 0.28 | 0.03 | <0.03 | 2.5 | 2.5 |
| 0633 | 83 | 11 - 83 | 74.83 | 1970 | 1970 | 756 | 756 | 184 | 184 | 0.19 | 0.19 | 0.05 | 0.05 | 0.03 | <0.03 | 3.5 | 3.5 |
| 0634 | 103 | 80 - 100 | 72.39 | 2090 | 2040 | 914 | 812 | 189 | 189 | 0.31 | 0.22 | 0.06 | 0.06 | 0.03 | <0.03 | 3.9 | 3.2 |
| 0636 | 127 | 103 - 123 | 98.40 | 1530 | 1460 | 506 | 446 | 225 | 225 | 0.08 | 0.08 | 0.01 | 0.01 | 0.03 | <0.03 | 14.8 | 14.8 |
| 0637 | 128.7 | 104 - 124 | 102.40 | 1690 | 1690 | 505 | 505 | 200 | 200 | 0.12 | 0.12 | 0.02 | 0.02 | 0.03 | <0.03 | 11.3 | 4.4 |
| 0638 | 75 | 35 - 75 | 59.21 | 2260 | 2260 | 994 | 994 | 263 | 263 | 0.03 | 0.02 | 0.17 | 0.03 | 0.04 | 0.04 | <0.1 | <0.1 |
| 0639 | 80 | 35 - 80 | 55.42 | 2150 | 2150 | 957 | 957 | 223 | 223 | 2.26 | 2.17 | 0.29 | 0.29 | 5.12 | 4.93 | 2.4 | 2.4 |
| 0640 | 84 | 64 - 84 | 52.51 | 1910 | 1860 | 785 | 630 | 220 | 207 | 0.07 | 0.04 | 0.01 | 0.01 | 0.03 | <0.03 | 1.2 | 1.1 |
| 0641 | 95 | 65 - 95 | 50.99 | 1910 | 1890 | 801 | 580 | 221 | 212 | 0.16 | 0.10 | 0.02 | 0.01 | 0.03 | <0.03 | 1.5 | 1.5 |
| 0642 | 95 | 65 - 95 | 51.63 | 1870 | 1850 | 807 | 580 | 216 | 183 | 0.70 | 0.49 | 0.03 | 0.02 | 0.10 | <0.03 | 1.2 | 1.2 |
| 0643 | 108 | 58 - 108 | 71.70 | 2010 | 1930 | 847 | 706 | 194 | 194 | 1.14 | 0.97 | 0.16 | 0.10 | 0.03 | <0.03 | 2.2 | 2.2 |
| 0644 | 110 | 55 - 110 | 71.53 | 1900 | 1900 | 990 | 843 | 135 | 135 | 0.03 | 0.02 | 0.46 | 0.31 | 0.03 | <0.03 | 3.6 | 3.4 |
| 0645 | 80 | 60 - 80 | 66.48 | 1380 | 1370 | 714 | 698 | 67 | 67 | 0.04 | 0.02 | 0.12 | 0.12 | 0.03 | <0.03 | 1.5 | 1.5 |
| 0646 | 100 | 60 - 100 | 73.40 | 1760 | 1740 | 914 | 760 | 109 | 108 | 0.05 | 0.02 | 0.36 | 0.35 | 0.03 | <0.03 | 2.8 | 2.7 |
| 0647 | 140 | 80 - 140 | 110.39 | 1820 | 1470 | 820 | 612 | 175 | 116 | 0.18 | 0.06 | 0.08 | 0.05 | 0.06 | <0.03 | 5.3 | 4.0 |
| 0648 | 120 | 80 - 120 | 109.17 | 1390 | 1210 | 649 | 587 | 104 | 62 | 0.11 | 0.03 | 0.05 | 0.04 | 0.03 | <0.03 | 3.9 | 3.4 |
| 0649 | 124 | 84 - 124 | 108.87 | 1400 | 1120 | 632 | 470 | 67.8 | 50 | 0.08 | 0.05 | 0.05 | 0.03 | 0.03 | <0.03 | 2.9 | 2.4 |
| 0650 | 109 | 89 - 109 | 71.10 | 1457 | 1450 | 717 | 697 | 57.5 | 51 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 | <0.03 | 4.7 | 4.7 |
| 0652 | 88 | 60 - 88 | 81.03 | 1310 | 1200 | 674 | 496 | 175 | 66 | 0.03 | 0.02 | 0.10 | 0.03 | 0.09 | <0.03 | 1.9 | 1.6 |
| 0653 | 206 | 69 - 206 | 171.00 | 2010 | 1910 | 914 | 864 | 180 | 172 | 1.12 | 0.97 | 0.22 | 0.15 | 0.03 | <0.03 | 2.6 | 2.6 |
| 0654 | 120 | 60 - 120 | 74.69 | 2130 | 2100 | 871 | 837 | 187 | 179 | 0.37 | 0.28 | 0.08 | 0.08 | 0.03 | <0.03 | 4.4 | 3.6 |
| 0655 | 96 | 21 - 84 | 75.15 | 2020 | 2020 | 781 | 781 | 188 | 188 | 0.30 | 0.26 | 0.06 | 0.06 | 0.03 | <0.03 | 3.4 | 3.4 |
| 0657 | 128 | 87 - 128 | 99.60 | 1590 | 1550 | 701 | 701 | 91.3 | 91 | 0.07 | 0.06 | 0.06 | 0.05 | 0.03 | <0.03 | 1.8 | 3.4 |
| 0658 | 130 | 89 - 130 | 100.50 | 1340 | 1310 | 650 | 543 | 69.5 | 70 | 0.01 | 0.01 | 0.04 | 0.05 | 0.03 | <0.03 | 3.9 | 2.6 |
| 0659 | 101 | 61 - 101 | 71.34 | 2070 | 2010 | 893 | 806 | 198 | 198 | 0.30 | 0.20 | 0.06 | 0.05 | 0.03 | <0.03 | 3.5 | 3.2 |
| 0680 | 80 | 50 - 80 | 77.39 | 1862 | 926 | 703 | 451 | 207 | 38 | 0.11 | 0.03 | 0.02 | 0.02 | 0.11 | <0.03 | 3.5 | 2.2 |
| 0681 | 117 | 67 - 117 | 64.18 | 1930 | 1930 | 980 | 980 | 93.3 | 93 | 0.02 | 0.02 | 0.05 | 0.03 | 0.03 | <0.03 | 2.7 | 2.7 |
| 0682 | 94 | 54 - 94 | 80.80 | 2150 | 2090 | 990 | 990 | 232 | 151 | 0.25 | 0.18 | 0.20 | 0.20 | 0.03 | <0.03 | 16.2 | 11.5 |
| 0683 | 120 | 80 - 120 | 86.41 | 556 | 467 | 172 | 119 | 19.8 | 9 | 0.01 | 0.00 | 0.01 | <0.01 | 0.03 | <0.03 | 1.9 | 1.3 |
| 0684 | 143 | 83 - 143 | 83.78 | 1430 | 1430 | 565 | 550 | 59.4 | 59 | 0.02 | 0.02 | 0.04 | 0.04 | 0.03 | <0.03 | 3.0 | 2.4 |
| 0685 | 100 | 60 - 100 | 91.03 | 1770 | 1760 | 861 | 680 | 135 | 114 | 0.18 | 0.12 | 0.06 | 0.05 | 0.03 | <0.03 | 4.3 | 3.1 |
| 0686 | 115 | 75 - 115 | 105.96 | 1641 | 1590 | 740 | 485 | 243 | 217 | 0.16 | 0.08 | 0.02 | 0.02 | 0.03 | <0.03 | 20.9 | 18.8 |
| 0687 | 102 | 62 - 102 | 90.20 | 1850 | 1850 | 802 | 720 | 198 | 176 | 0.22 | 0.17 | 0.08 | 0.07 | 0.03 | <0.03 | 11.5 | 8.4 |
| 0692 | 90 | 58 - 90 | 65.87 | 1550 | 1550 | 706 | 550 | 176 | 157 | 0.05 | 0.04 | 0.03 | 0.02 | 0.10 | <0.03 | 1.9 | 1.4 |
| 0846 | 75 | 40 - 65 | 43.90 | 3480 | 3080 | 1957 | 1500 | 177 | 95 | 1.21 | 0.06 | 0.08 | 0.07 | 0.05 | <0.03 | 29.0 | 14.5 |
| 0847 | 92 | 52 - 92 | 53.88 | 1988 | 1930 | 796 | 773 | 186 | 182 | 1.93 | 1.66 | 0.10 | 0.09 | 0.03 | <0.03 | 1.9 | 1.6 |
| 0848 | 92 | 52 - 92 | 59.34 | 1752 | 1620 | 915 | 580 | 185 | 165 | 0.12 | 0.05 | 0.29 | 0.09 | 0.03 | <0.03 | 2.9 | 2.0 |
| 0851 | 91 | 41 - 91 | 73.84 | 1930 | 1930 | 910 | 910 | 35.3 | 35 | 0.10 | 0.06 | 0.17 | 0.17 | 0.03 | <0.03 | 1.8 | 1.8 |
| 0852 | 74 | 54 - 74 | 73.26 | 1220 | 1220 | 555 | 555 | 114 | 112 | 0.02 | 0.02 | 0.02 | 0.02 | 0.06 | 0.060 | 0.2 | 0.2 |
| 0855 | 105 | 70 - 105 | 80.53 | 1770 | 1770 | 799 | 700 | 96.2 | 91 | 0.03 | 0.03 | 0.33 | 0.29 | 0.03 | <0.03 | 3.2 | 2.5 |
| 0861 | 100 | 50 - 100 | 70.24 | 2143 | 1730 | 1023 | 770 | 167 | 115 | 1.10 | 0.08 | 0.34 | 0.34 | 0.03 | <0.03 | 2.9 | 2.8 |
| 0862 | 110 | 63 - 103 | 77.68 | 1980 | 1980 | 1230 | 660 | 182 | 178 | 0.57 | 0.48 | 0.12 | 0.06 | 0.03 | <0.03 | 3.4 | 2.9 |
| 0863 | 110 | 63 - 103 | 90.00 | 1998 | 1980 | 922 | 670 | 185 | 185 | 1.81 | 1.20 | 0.16 | 0.11 | 0.03 | <0.03 | 2.5 | 2.0 |

**TABLE B-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|-------|------|-----------------|------|------|-----|------|-------|------|-------|------|-------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0864 | 95 | 44 - 84 | 69.68 | 2034 | 1880 | 974 | 760 | 183 | 170 | 1.81 | 0.65 | 0.35 | 0.12 | 0.03 | <0.03 | 3.6 | 2.6 |
| 0865 | 97 | 37 - 97 | 67.84 | 2297 | 1970 | 1160 | 760 | 174 | 170 | 0.46 | 0.17 | 0.61 | 0.25 | 0.03 | <0.03 | 5.3 | 4.3 |
| 0866 | 120 | 33 - 113 | 63.67 | 2046 | 1940 | 887 | 670 | 192 | 177 | 2.34 | 1.40 | 0.17 | 0.13 | 0.03 | <0.03 | 2.3 | 1.5 |
| 0867 | 88 | 48 - 88 | 68.00 | 1888 | 1410 | 922 | 480 | 169 | 157 | 0.04 | 0.02 | 0.46 | 0.18 | 0.03 | <0.03 | 5.4 | 4.9 |
| 0868 | 103 | 53 - 103 | 60.78 | 2220 | 1740 | 1001 | 610 | 199 | 199 | 0.39 | 0.07 | 0.18 | 0.05 | 0.03 | <0.03 | 1.9 | 1.5 |
| 0869 | 94 | 44 - 94 | 88.51 | 2086 | 1650 | 1055 | 690 | 181 | 161 | 0.41 | 0.03 | 0.42 | 0.21 | 0.03 | <0.03 | 3.1 | 2.5 |
| 0871 | 100 | 60 - 100 | 66.86 | 1400 | 1400 | 743 | 743 | 86 | 86 | 0.17 | 0.17 | 0.17 | 0.17 | 0.03 | <0.03 | 2.6 | 2.6 |
| 0876 | 95 | 58 - 88 | 69.24 | 2145 | 2050 | 1080 | 820 | 173 | 159 | 0.63 | 0.52 | 0.58 | 0.31 | 0.03 | <0.03 | 4.4 | 2.9 |
| 0877 | 70 | 58 - 68 | 63.58 | 1335 | 1190 | 528 | 265 | 207 | 207 | 0.07 | 0.07 | 0.19 | 0.02 | 0.03 | <0.03 | 1.9 | 1.9 |
| 0879 | 70 | 48 - 68 | 64.68 | 1461 | 1430 | 739 | 739 | 201 | 87 | 0.05 | 0.02 | 0.22 | 0.21 | 0.03 | <0.03 | 1.4 | 1.3 |
| 0881 | 96 | 76 - 96 | 74.60 | 2110 | 2050 | 951 | 819 | 189 | 177 | 0.43 | 0.24 | 0.09 | 0.06 | 0.03 | <0.03 | 4.2 | 3.4 |
| 0882 | 110 | 70 - 110 | 66.55 | 1770 | 1770 | 864 | 864 | 51 | 47 | 0.02 | 0.01 | 0.01 | <0.01 | 0.03 | <0.03 | 0.8 | <0.1 |
| 0883 | 100 | 60 - 90 | 59.85 | 2510 | 2020 | 1357 | 878 | 184 | 173 | 0.05 | 0.02 | 0.12 | 0.07 | 0.03 | <0.03 | 5.8 | 5.8 |
| 0884 | 90 | 58 - 88 | 75.16 | 2720 | 2560 | 1370 | 1200 | 166 | 153 | 0.61 | 0.55 | 0.35 | 0.17 | 0.03 | <0.03 | 17.7 | 12.9 |
| 0885 | 100 | 70 - 100 | 67.00 | 2100 | 1820 | 1100 | 720 | 188 | 170 | 0.10 | 0.07 | 0.07 | 0.03 | 0.09 | <0.03 | 3.3 | 1.4 |
| 0886 | 90 | 60 - 90 | 70.52 | 2440 | 2440 | 1185 | 1050 | 203 | 180 | 0.69 | 0.48 | 0.15 | 0.15 | 0.09 | 0.040 | 8.3 | 8.3 |
| 0888 | 105 | 75 - 105 | 78.26 | 2400 | 2390 | 1227 | 957 | 182 | 166 | 0.66 | 0.54 | 0.18 | 0.11 | 0.03 | <0.03 | 8.7 | 8.7 |
| 0889 | 65 | 35 - 65 | 63.31 | 1456 | 578 | 619 | 240 | 164 | 25 | 0.07 | 0.07 | 0.01 | 0.01 | 0.04 | <0.03 | 0.5 | 0.5 |
| 0890 | 101 | 81 - 101 | 74.76 | 2010 | 1970 | 876 | 798 | 187 | 185 | 0.27 | 0.27 | 0.08 | 0.05 | 0.03 | <0.03 | 3.4 | 2.7 |
| 0893 | 98 | 78 - 98 | 70.68 | 18500 | 1850 | 899 | 728 | 163 | 163 | 0.12 | 0.08 | 0.08 | 0.02 | 0.03 | <0.03 | 2.5 | 1.4 |
| 0894 | 78 | 58 - 78 | 78.00 | 2100 | 2100 | 956 | 797 | 182 | 177 | 0.36 | 0.30 | 0.08 | 0.08 | 0.03 | <0.03 | 4.3 | 4.2 |
| 0895 | 104 | 61 - 101 | 82.00 | 1890 | 1850 | 1010 | 768 | 142 | 131 | 0.09 | 0.09 | 0.08 | 0.07 | 0.03 | <0.03 | 10.0 | 10.0 |
| 0896 | 113 | 73 - 113 | 83.11 | 1960 | 1950 | 1030 | 853 | 207 | 194 | 0.03 | 0.03 | 0.11 | 0.09 | 0.03 | <0.03 | 20.2 | 8.3 |
| 0897 | 93 | 63 - 93 | 83.28 | 1530 | 1040 | 576 | 432 | 148 | 101 | 0.07 | 0.06 | 0.01 | 0.01 | 0.03 | <0.03 | 0.2 | 0.2 |
| 0899 | 110 | 70 - 110 | 97.32 | 1840 | 1090 | 817 | 402 | 227 | 187 | 0.19 | 0.03 | 0.12 | 0.06 | 0.03 | <0.03 | 15.4 | 10.5 |
| 0905 | 120 | 100 - 120 | --- | 1160 | 1050 | 584 | 446 | 57 | 51 | 0.06 | 0.06 | 0.08 | <0.01 | 0.03 | <0.03 | 21.5 | 4.1 |
| 0909 | 140 | 80 - 135 | 77.45 | 1660 | 1240 | 856 | 633 | 105 | 105 | 0.03 | 0.02 | 0.32 | 0.07 | 0.05 | <0.03 | 2.6 | 2.6 |
| 0910 | 138 | 120 - 134 | --- | 1040 | 951 | 547 | 320 | 71 | 37 | 0.03 | 0.01 | 0.06 | 0.02 | 0.06 | <0.03 | 18.0 | 4.1 |
| 0912 | --- | --- | --- | 640 | 640 | 290 | 290 | 21 | 21 | 0.01 | <0.01 | 0.01 | <0.01 | 0.03 | 0.030 | 4.2 | 4.2 |
| 0913 | --- | --- | 38.40 | 420 | 420 | 314 | 314 | 110 | 110 | 0.01 | <0.01 | 0.01 | <0.01 | 0.03 | 0.030 | 0.4 | 0.4 |
| 0915 | 100 | 55 - 85 | --- | 350 | 350 | 114 | 114 | 28 | 28 | 0.01 | <0.01 | 0.01 | <0.01 | 0.04 | 0.040 | 4.8 | 4.8 |
| 0917 | --- | --- | --- | 700 | 605 | 394 | 173 | 78 | 47 | 0.03 | 0.02 | 0.03 | 0.01 | 0.07 | <0.03 | 7.2 | 6.8 |
| 0926 | 134 | 123 - 132 | --- | 2390 | 2390 | 850 | 850 | 390 | 390 | 0.05 | 0.05 | 0.01 | <0.01 | 0.05 | <0.05 | 133 | 133.0 |
| 0935 | 300 | 95 - 132 | 88.66 | 2030 | 2030 | 843 | 780 | 201 | 143 | 0.34 | 0.28 | 0.10 | 0.09 | 0.17 | 0.170 | 34.5 | 7.6 |
| 0936 | 160 | 100 - 160 | --- | 1100 | 849 | 419 | 367 | 74.7 | 75 | 0.01 | <0.01 | 0.02 | 0.02 | 0.05 | <0.03 | 36.7 | 6.3 |
| 0939 | 97 | --- | 59.31 | 1550 | 1234 | 700 | 584 | 55.3 | 55 | 0.03 | 0.03 | 0.06 | 0.05 | 0.05 | 0.030 | 17.3 | 1.0 |
| 0940 | 70 | --- | 57.30 | 1364 | 1203 | 651 | 504 | 47.2 | 40 | 0.04 | 0.04 | 0.03 | 0.02 | 0.03 | <0.03 | 3.9 | 1.9 |
| 0942 | 102 | 85 - 95 | --- | 2280 | 1570 | 1220 | 590 | 100 | 61 | 0.07 | 0.05 | 0.06 | 0.02 | 0.07 | <0.03 | 30.6 | 2.6 |
| 0947 | 100 | 70 - 100 | 54.63 | 1890 | 1820 | 697 | 590 | 219 | 219 | 0.11 | 0.08 | 0.13 | 0.01 | 0.04 | <0.03 | 1.8 | 1.6 |
| 0952 | 140 | --- | --- | 1470 | 1470 | 334 | 334 | 14 | 14 | 0.01 | <0.01 | 0.01 | <0.01 | 0.05 | 0.050 | 3.9 | 3.9 |
| 0975 | --- | --- | --- | 1275 | 1275 | 628 | 628 | 59 | 59 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | <0.03 | 0.3 | 0.3 |
| 0976 | 115 | --- | --- | 1251 | 1251 | 578 | 578 | 61.1 | 61 | 0.03 | 0.03 | 0.06 | 0.06 | 0.03 | <0.03 | 5.4 | 1.3 |
| 0977 | --- | --- | 61.47 | 1427 | 1427 | 743 | 631 | 60.1 | 60 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | <0.03 | 3.3 | 0.2 |
| 0979 | 105 | 90 - 100 | --- | 1738 | 1738 | 769 | 769 | 137 | 137 | 0.04 | 0.04 | 0.02 | 0.02 | 0.03 | <0.03 | 5.0 | 5.0 |
| 0980 | --- | --- | 57.70 | 1424 | 1424 | 604 | 604 | 94 | 94 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | <0.03 | 4.7 | 4.7 |
| 0985 | 115 | 90 - 110 | 58.75 | 1550 | 1091 | 774 | 400 | 71 | 49 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | <0.03 | 6.0 | 2.3 |
| 0989 | --- | --- | 58.10 | 1153 | 1153 | 483 | 483 | 38 | 38 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | <0.03 | 4.8 | 4.8 |
| 0992 | 100 | 85 - 95 | --- | 1650 | 1650 | 748 | 748 | 101 | 101 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.030 | 3.6 | 3.1 |
| 0994 | 144 | 95 - 110 | 89.10 | 488 | 488 | 151 | 140 | 11.2 | 11 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | <0.03 | 2.5 | 1.9 |

**TABLE B-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------------|-----------------------------|---------------------------------|------|------|-----------------|------|------|-----|------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0996 | 138 | 126 - 136 | 90.25 | 1710 | 1560 | 906 | 610 | 159 | 103 | 0.17 | 0.07 | 0.08 | 0.08 | 0.03 | <0.03 | 5.7 | 5.2 |
| 0997 | ----- | ----- | 76.90 | 473 | 437 | 144 | 144 | 7.39 | 5 | 0.01 | <0.01 | 0.01 | <0.01 | 0.03 | <0.03 | 0.6 | 0.4 |
| 0999 | ----- | ----- | ----- | 871 | 683 | 340 | 273 | 47 | 34 | 0.20 | 0.01 | 0.01 | 0.01 | 0.04 | <0.03 | 13.3 | 3.5 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 2 | 1 | 1 | 0 | 76 | 69 | 39 | 27 | 15 | 7 | 15 | 5 | 5 | 1 |
| % Exceeding = | | | | 2 | 1 | 1 | 0 | 75 | 68 | 39 | 27 | 15 | 7 | 15 | 5 | 5 | 1 |
| Total Number of Wells = 101 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Proposed Background
 % = Percentage of Wells that Exceed Proposed Background
 * = Latest Value is Pre-1994

**TABLE B-5. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE HOMESTAKE WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|-------|------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0931 | 366.7 | ----- | 94.48 | 2160 | 1410 | 779 | 574 | 540 | 145 | 0.14 | 0.00 | 0.03 | 0.01 | 0.42 | <0.03 | 5.0 | <0.1 |
| 0934 | 293.0 | 330 - 400 | 163.72 | 1910 | 1830 | 821 | 629 | 241 | 77 | 0.06 | 0.05 | 0.06 | 0.03 | 0.12 | <0.03 | 4.2 | <0.1 |
| CE1 | 137.0 | 98 - 138 | 50.96 | 2350 | 1990 | 1160 | 925 | 140 | 103 | 2.06 | 1.69 | 0.28 | 0.12 | 1.13 | 0.57 | 0.5 | 0.1 |
| CE2 | 119.7 | 78 - 118 | 63.90 | 2210 | 2000 | 1010 | 735 | 203 | 172 | 23.6 | 0.92 | 4.63 | 0.08 | 25.2 | 0.33 | 5.4 | 5.4 |
| CE5 | 140.0 | 100 - 140 | 40.71 | 1990 | 313 | 851 | 112 | 214 | 214 | 2.00 | 0.02 | 0.13 | <0.01 | 1.13 | 0.01 | 1.9 | 1.9 |
| CW3 | 235.0 | 210 - 235 | 165.98 | 1970 | 1970 | 998 | 906 | 85 | 57 | 1.35 | 1.34 | 0.07 | 0.07 | 1.26 | 1.26 | 7.9 | <0.1 |
| CW4R | 138.9 | 102 - 142 | 41.31 | 2635 | 1870 | 861 | 737 | 171 | 157 | 1.06 | 0.45 | 0.17 | 0.09 | 0.28 | 0.11 | 6.6 | 1.2 |
| CW5 | 170.0 | 135 - 170 | 1.00 | 5040 | 1885 | 2740 | 695 | 404 | 183 | 10.47 | 0.20 | 1.38 | 0.04 | 3.28 | <0.03 | 7.2 | 1.7 |
| CW9 | 180.0 | 130 - 180 | 66.00 | 1330 | 1230 | 923 | 576 | 73.3 | 49 | 0.06 | 0.01 | 0.07 | <0.01 | 0.11 | 0.04 | 3.0 | 0.1 |
| CW13 | 267.7 | 225 - 265 | 1.00 | 2050 | 1820 | 973 | 973 | 94.9 | 85 | 0.10 | 0.10 | 0.24 | 0.19 | 0.03 | <0.03 | 1.3 | 0.5 |
| CW25 | 105.0 | 62 - 102 | 2.30 | 2835 | 1880 | 1502 | 679 | 202 | 202 | 0.25 | 0.19 | 0.18 | 0.03 | 0.20 | 0.14 | 17.5 | 1.8 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 1 | 0 | 1 | 0 | 11 | 9 | 7 | 6 | 3 | 0 | 10 | 5 | 1 | 0 |
| % Exceeding = | | | | 9 | 0 | 9 | 0 | 100 | 82 | 64 | 55 | 27 | 0 | 91 | 45 | 9 | 0 |
| Total Number of Wells = 11 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Proposed Background
 % = Percentage of Wells that Exceed Proposed Background
 * = Latest Value is Pre-1994

**TABLE B-6. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE BROADVIEW AND FELICE ACRES WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | | | | | | | | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|---|-----|-----|----|-------|------|---|-----------------|------|---|------|-------|---|------|------|---|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E | | | | | | | |
| Broadview | | | | | | | | | | | | | | | | | | | | | | | | |
| 0430 | 145.0 | ---- | ---- | 2940 | 2940 | * | 1109 | 697 | * | 184 | 163 | * | 3.62 | 0.14 | * | 0.25 | 0.1 | * | 0.25 | 0.07 | * | 2.2 | 2.1 | * |
| 0431 | 130.0 | 125 - 130 | 35.00 | 5950 | 1709 | | 3227 | 668 | | 312 | 180 | | 17.04 | 0.02 | | 2.30 | 0.01 | | 5.78 | <0.03 | | 7.5 | 1.9 | |
| 0446 | 110.0 | 60 - 95 | 41.28 | 2520 | 1420 | | 1896 | 576 | | 248 | 196 | | 0.24 | 0.02 | | 0.15 | 0.01 | | 0.05 | <0.03 | | 7.4 | 2.1 | |
| 0447 | 142.0 | 120 - 142 | 41.18 | 2690 | 2480 | * | 1428 | 1337 | * | 149 | 149 | * | 1.65 | 1.52 | * | 0.33 | 0.25 | * | 0.24 | 0.24 | * | 3.0 | 3 | * |
| Proposed Background = | | | | 3060 | 3060 | | 1870 | 1870 | | 71 | 71 | | 0.15 | 0.15 | | 0.27 | 0.27 | | 0.05 | 0.05 | | 23.0 | 23.0 | |
| Total Number of Wells Exceeding = | | | | 1 | 0 | | 2 | 0 | | 4 | 4 | | 4 | 1 | | 2 | 0 | | 3 | 2 | | 0 | 0 | |
| % Exceeding = | | | | 25 | 0 | | 50 | 0 | | 100 | 100 | | 100 | 25 | | 50 | 0 | | 75 | 50 | | 0 | 0 | |
| Total Number of Wells = 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Felice Acres | | | | | | | | | | | | | | | | | | | | | | | | |
| 0494 | ----- | 65 - 85 | 34.88 | 1990 | 1880 | | 958 | 666 | | 213 | 209 | | 0.92 | 0.27 | | 0.07 | 0.03 | | 0.31 | 0.08 | | 20.0 | 1.7 | |
| Proposed Background = | | | | 3060 | 3060 | | 1870 | 1870 | | 71 | 71 | | 0.15 | 0.15 | | 0.27 | 0.27 | | 0.05 | 0.05 | | 23.0 | 23.0 | |
| Total Number of Wells Exceeding = | | | | 0 | 0 | | 0 | 0 | | 1 | 1 | | 1 | 1 | | 0 | 0 | | 1 | 1 | | 0 | 0 | |
| % Exceeding = | | | | 0 | 0 | | 0 | 0 | | 100 | 100 | | 100 | 100 | | 0 | 0 | | 100 | 100 | | 0 | 0 | |
| Total Number of Wells = 1 | | | | | | | | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Proposed Background
 % = Percentage of Wells that Exceed Proposed Background
 * = Latest Value is Pre-1994

**TABLE B-7. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE MURRAY ACRES WELL
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|--------|-----------------|-------|-----|-------|------|--------|------|--------|-------|--------|-----------------|-------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| AW | 156.0 | 66 - 155 | 15.00 | 4440 | 1710 * | 2991 | 942 * | 312 | 177 * | 7.89 | 0.62 * | 1.90 | 0.03 * | 27.00 | 0.24 * | 42.6 | 5.7 * |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| % Exceeding = | | | | 100 | 0 | 100 | 0 | 100 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 0 |
| Total Number of Wells = 1 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Proposed Background
 % = Percentage of Wells that Exceed Proposed Background
 * = Latest Value is Pre-1994

C33

**TABLE B-8. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE REGIONAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|-----|-----|------|------|------|------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0929 | 320.0 | 290 - 320 | 174.36 | 1810 | 1700 | 811 | 671 | 234 | 77 | 0.35 | 0.02 | 0.04 | 0.01 | 0.18 | <0.03 | 4.2 | 0.1 |
| 0933 | ----- | ----- | 52.78 | 2345 | 1780 | 709 | 504 | 645 | 437 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | <0.03 | 5.8 | 0.8 |
| 0944 | 300.0 | 220 - 280 | 148.45 | 2800 | 1920 | 1495 | 780 | 272 | 147 | 0.07 | 0.01 | 1.00 | 0.03 | 5.28 | 0.04 | 17.0 | 1.1 |
| 0945 | 300.0 | ----- | 92.41 | 2270 | 2040 | 768 | 622 | 680 | 342 | 0.09 | 0.03 | 0.02 | 0.01 | 0.08 | 0.05 | 2.3 | <0.1 |
| 0946 | 260.0 | 230 - 260 | 37.45 | 1980 | 1980 | 1052 | 647 | 161 | 161 | 0.04 | 0.03 | 0.44 | 0.05 | 0.05 | <0.03 | 6.2 | 1.7 |
| CW18 | 230.7 | 177 - 237 | 53.27 | 2010 | 1910 | 744 | 565 | 214 | 188 | 0.15 | 0.05 | 0.13 | 0.03 | 0.05 | <0.03 | 1.4 | 1.4 |
| CW40 | 264.0 | 224 - 264 | 54.21 | 1990 | 1870 | 978 | 570 | 206 | 172 | 0.05 | 0.03 | 0.40 | 0.02 | 0.06 | <0.03 | 1.9 | 1.7 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 0 | 0 | 0 | 0 | 7 | 7 | 1 | 0 | 3 | 0 | 4 | 0 | 0 | 0 |
| % Exceeding = | | | | 0 | 0 | 0 | 0 | 100 | 100 | 14 | 0 | 43 | 0 | 57 | 0 | 0 | 0 |
| Total Number of Wells = 7 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

= Exceeds Proposed Background

% = Percentage of Wells that Exceed Proposed Background

* = Latest Value is Pre-1994

**TABLE B-9. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE HOMESTAKE WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|------|------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0930 | 410.0 | 330 - 400 | 113.43 | 1960 | 1570 | 647 | 639 | 195 | 195 | 0.03 | 0.01 | 0.02 | <0.01 | 0.31 | <0.03 | 0.6 | <0.1 |
| CW1 | 325.0 | 212 - 323 | 163.73 | 1780 | 1240 | 1039 | 552 | 36.3 | 36 | 0.11 | 0.03 | 0.09 | 0.01 | 0.04 | <0.03 | 1.9 | 0.1 |
| CW2 | 355.0 | 306 - 353 | 89.03 | 2280 | 1040 | 1430 | 411 | 76 | 40 | 0.14 | 0.07 | 0.09 | 0.01 | 0.15 | 0.06 | 6.3 | 0.1 |
| CW6 | 282.0 | 246 - 276 | 117.21 | 3250 | 1573 | 1486 | 827 | 142 | 99 | 2.06 | 0.03 | 0.75 | 0.01 | 1.90 | <0.03 | 10.0 | <0.1 |
| CW14 | 360.9 | 278 - 358 | 12.48 | 1636 | 1306 | 754 | 601 | 63 | 63 | 0.02 | 0.01 | 0.22 | 0.10 | 0.03 | <0.03 | 5.0 | 2.4 |
| CW17 | 108.0 | 83 - 103 | 60.80 | 3250 | 3020 | 1890 | 1680 | 88 | 77 | 0.18 | 0.13 | 0.12 | 0.07 | 0.09 | <0.03 | 16.8 | 14.9 |
| CW24 | 121.0 | 78 - 118 | 57.79 | 3120 | 3080 | 1750 | 1410 | 95.7 | 90 | 0.15 | 0.13 | 0.08 | 0.08 | 0.04 | <0.03 | 12.3 | 8.4 |
| CW35 | 120.0 | 93 - 118 | 59.39 | 6900 | 2360 | 1260 | 1220 | 70 | 57 | 0.23 | 0.18 | 0.52 | 0.07 | 0.03 | <0.03 | 8.4 | 3.4 |
| WR25 | 113.3 | 71 - 111 | 61.10 | 3040 | 2940 | 1710 | 1330 | 186 | 114 | 0.17 | 0.07 | 0.24 | 0.16 | 0.13 | <0.03 | 21.8 | 21.8 |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| Total Number of Wells Exceeding = | | | | 4 | 1 | 1 | 0 | 6 | 5 | 4 | 1 | 2 | 0 | 5 | 1 | 0 | 0 |
| % Exceeding = | | | | 44 | 11 | 11 | 0 | 67 | 56 | 44 | 11 | 22 | 0 | 56 | 11 | 0 | 0 |
| Total Number of Wells = 9 | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

= Exceeds Proposed Background

% = Percentage of Wells that Exceed Proposed Background

* = Latest Value is Pre-1994

C35

**TABLE B-10. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE BROADVIEW AND FELICE ACRES WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | | | | | | | | |
|-----------------------------------|--------------------|-----------------------|---------------------------|-------|-------|-----------------|-------|-------|-----|-------|-------|------|-------|-------|-------|-----------------|-------|---|-------|-------|---|------|------|---|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E | | | | | | | |
| Broadview | | | | | | | | | | | | | | | | | | | | | | | | |
| 0434 | 280 | ----- | ----- | 1930 | 1660 | 859 | 682 | 199 | 178 | 0.46 | 0.23 | 0.24 | 0.04 | 0.15 | <0.03 | 6.5 | 1.8 | | | | | | | |
| 0436 | 295 | 280 - 295 | 71.82 | 1942 | 1840 | 984 | 950 | 119 | 119 | 1.68 | 0.04 | 0.26 | 0.02 | 0.05 | <0.03 | 8.3 | <0.1 | | | | | | | |
| 0437 | 340 | 240 - 300 | 63.23 | 2170 | 1920 | 1327 | 696 | 152 | 152 | 0.19 | 0.03 | 0.36 | 0.01 | 0.05 | <0.03 | 4.0 | 1.0 | | | | | | | |
| 0449 | 267 | ----- | 63.42 | 2026 | 2026 | 1072 | 1072 | 116 | 116 | 0.12 | 0.08 | 0.19 | 0.19 | 0.03 | <0.03 | 11.5 | 11.5 | | | | | | | |
| Proposed Background = | | | | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 | | | | | | | |
| Total Number of Wells Exceeding = | | | | 0 | 0 | 0 | 0 | 4 | 4 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | | | | | | | |
| % Exceeding = | | | | 0 | 0 | 0 | 0 | 100 | 100 | 75 | 25 | 25 | 0 | 25 | 0 | 0 | 0 | | | | | | | |
| Total Number of Wells = 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Felice Acres | | | | | | | | | | | | | | | | | | | | | | | | |
| 0481 | 320 | 270 - 310 | ----- | 1990 | 1450 | * | 1110 | 750 | * | 99 | 64 | * | 0.98 | 0.42 | * | 0.32 | 0.08 | * | 0.16 | 0.1 | * | 2.0 | 1.8 | * |
| 0482 | 260 | 220 - 260 | 35.85 | 2690 | 1906 | | 1300 | 716 | | 240 | 197 | | 6.53 | 0.25 | | 0.80 | 0.02 | | 2.35 | <0.03 | | 4.2 | 1.8 | |
| 0483 | 280 | ----- | 36.93 | 3800 | 1891 | | 2100 | 711 | | 277 | 198 | | 12.3 | 0.22 | | 1.60 | 0.04 | | 4.93 | 0.08 | | 5.3 | 1.1 | |
| 0484 | 320 | 220 - 300 | 39.43 | 2040 | 1830 | | 1194 | 811 | | 159 | 101 | | 0.87 | 0.32 | | 0.51 | 0.17 | | 0.06 | <0.03 | | 24.3 | 1.1 | |
| 0485 | 260 | 220 - 260 | 70.90 | 1220 | 1089 | | 612 | 380 | | 158 | 158 | | 0.01 | 0.00 | | 0.03 | <0.01 | | 0.04 | 0.04 | | 2.2 | <0.1 | |
| 0486 | 179.2 | 200 - 260 | 70.36 | 2068 | 2030 | | 1060 | 929 | | 159 | 159 | | 1.03 | 0.84 | | 0.37 | 0.32 | | 0.03 | <0.03 | | 2.9 | 2.4 | |
| 0487 | 260 | ----- | 49.20 | 3100 | 1992 | | 1732 | 879 | | 234 | 189 | | 0.24 | 0.24 | | 0.31 | 0.02 | | 0.08 | <0.03 | | 161 | 2.6 | |
| 0488 | ----- | ----- | 78.10 | 1958 | 1950 | | 944 | 921 | | 148 | 148 | | 0.41 | 0.41 | | 0.39 | 0.39 | | 0.03 | <0.03 | | 3.2 | 3.2 | |
| 0489 | ----- | ----- | ----- | ----- | ----- | | ----- | ----- | | ----- | ----- | | ----- | ----- | | 0.07 | 0.05 | * | ----- | ----- | | 1.5 | 1.5 | * |
| 0493 | ----- | 270 - 300 | 110.36 | 1510 | 1350 | | 765 | 668 | | 170 | 88 | | 0.31 | 0.05 | | 0.26 | 0.17 | | 0.10 | <0.03 | | 7.9 | 1.7 | |
| CW44 | 208 | 69 - 208 | 157.65 | 2060 | 1970 | | 909 | 822 | | 208 | 186 | | 1.41 | 0.85 | | 0.11 | 0.08 | | 0.03 | <0.03 | | 2.5 | 2.5 | |
| CW45 | 193 | 163 - 193 | 55.56 | 2130 | 1730 | | 984 | 650 | | 180 | 175 | | 2.05 | 1.71 | | 0.27 | 0.12 | | 0.03 | <0.03 | | 2.0 | 2.0 | |
| CW46 | 187 | 125 - 185 | 67.18 | 2111 | 1750 | | 1063 | 720 | | 180 | 177 | | 1.76 | 0.04 | | 0.41 | 0.24 | | 0.03 | <0.03 | | 3.2 | 2.9 | |
| Proposed Background = | | | | 3060 | 3060 | | 1870 | 1870 | | 71 | 71 | | 0.15 | 0.15 | | 0.27 | 0.27 | | 0.05 | 0.05 | | 23.0 | 23.0 | |
| Total Number of Wells Exceeding = | | | | 2 | 0 | | 1 | 0 | | 12 | 11 | | 11 | 9 | | 8 | 2 | | 6 | 2 | | 2 | 0 | |
| % Exceeding = | | | | 15 | 0 | | 8 | 0 | | 92 | 85 | | 85 | 69 | | 62 | 15 | | 46 | 15 | | 15 | 0 | |
| Total Number of Wells = 13 | | | | | | | | | | | | | | | | | | | | | | | | |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Proposed Background
 % = Percentage of Wells that Exceed Proposed Background
 * = Latest Value is Pre-1994

**TABLE B-11. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE MURRAY ACRES WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0807 | 287 | 275 - 285 | ---- | 1540 | 1362 | 831 | 731 | 302 | 48 | 0.05 | 0.01 | 0.08 | <0.01 | 0.16 | <0.03 | 1.0 | <0.1 |
| 0808 | 290 | 260 - 290 | ---- | 1700 | 1700 | 933.6 | 787 | 88.7 | 55 | 0.07 | 0.02 | 0.15 | 0.05 | 0.03 | <0.03 | 2.3 | 0.9 |
| 0812 | 300 | 264 - 284 | ---- | 1500 | 1240 | 790 | 658 | 50 | 35 | 0.34 | <0.01 | 0.24 | 0.08 | 0.12 | 0.03 | 4.4 | 2.8 |
| 0813 | 280 | 235 - 255 | ---- | 1530 | 1325 | 843 | 781 | 57 | 55 | 0.09 | 0.01 | 0.07 | 0.05 | 0.04 | <0.01 | 3.9 | 3.2 |
| 0814 | ----- | ----- | ----- | 1420 | 1410 | 819 | 718 | 57 | 43 | 0.08 | 0.02 | 0.12 | 0.03 | 0.14 | 0.02 | 6.0 | 6 |
| 0816 | 255 | 240 - 250 | ----- | 1550 | 1550 | 847 | 819 | 70 | 70 | 0.06 | 0.01 | 0.02 | <0.01 | 0.03 | <0.03 | 4.5 | <0.1 |
| 0817 | ----- | ----- | 70.34 | 1616 | 1616 | 986 | 786 | 70.5 | 66 | 0.12 | 0.02 | 0.01 | <0.01 | 0.03 | <0.03 | 0.2 | 0.2 |
| 0818 | 243 | 223 - 243 | ----- | 3444 | 1720 | 2150 | 948 | 276 | 74 | 0.09 | 0.01 | 0.03 | 0.01 | 0.05 | 0.05 | 57.6 | 0.3 |
| 0819 | 222 | 210 - 220 | ----- | 1560 | 1560 | 877 | 877 | 43 | 43 | 0.03 | 0.01 | 0.05 | 0.01 | 0.03 | 0.03 | 3.9 | 3.9 |
| 0820 | 230 | 125 - 230 | 99.20 | 3090 | 3090 | 1800 | 1530 | 202 | 126 | 0.07 | 0.06 | 0.10 | 0.05 | 0.04 | <0.03 | 26.2 | 5.3 |
| 0821 | 260 | ----- | 35.88 | 1590 | 1551 | 901 | 901 | 56.1 | 56 | 0.07 | 0.01 | 0.08 | 0.01 | 0.04 | <0.03 | 1.9 | 0.7 |
| ACW | 325 | 265 - 325 | 77.85 | 1570 | 1172 | 929 | 640 | 99 | 33 | 0.07 | 0.02 | 0.05 | 0.01 | 0.11 | <0.03 | 15.4 | 0.3 |
| HCW | 295 | 264 - 295 | 75.61 | 1910 | 1320 | 960 | 614 | 80.2 | 80 | 0.07 | 0.05 | 0.04 | <0.01 | 0.05 | <0.03 | 15.0 | <0.1 |
| WCW | 307 | 257 - 307 | 114.70 | 1820 | 1560 | 896 | 743 | 85 | 82 | 0.11 | 0.02 | 0.02 | <0.01 | 0.06 | <0.03 | 14.0 | <0.1 |

Proposed Background =

Total Number of Wells Exceeding =

% Exceeding =

Total Number of Wells = 14

| | | | | | | | | | | | | | | |
|--|------|------|------|------|----|----|------|------|------|------|------|------|------|------|
| | 3060 | 3060 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| | 2 | 1 | 1 | 0 | 7 | 4 | 1 | 0 | 0 | 0 | 5 | 0 | 2 | 0 |
| | 14 | 7 | 7 | 0 | 50 | 29 | 7 | 0 | 0 | 0 | 36 | 0 | 14 | 0 |

NOTE: H = Highest Concentration Observed in Well

E = Existing (latest) Concentration Observed in Well

Exceeds Proposed Background

% = Percentage of Wells that Exceed Proposed Background

* = Latest Value is Pre-1994

037

**TABLE B-12. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE REGIONAL WELLS
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

| Well Name | Well Depth (ft-mp) | Casing Perf. (ft-lsd) | Water-Level Depth (ft-mp) | TDS | | SO ₄ | | Cl | | U | | Se | | Mo | | NO ₃ | |
|-----------------------------------|--------------------|-----------------------|---------------------------|------|------|-----------------|------|------|-----|------|-------|------|-------|------|-------|-----------------|------|
| | | | | H | E | H | E | H | E | H | E | H | E | H | E | H | E |
| 0850 | 54.0 | 29 - 54 | 55.82 | 2044 | 2044 | | | | | | | | | | | | |
| 0859 | 83.0 | 50 - 83 | 75.41 | 2150 | 2010 | 939 | 939 | 206 | 206 | 0.04 | 0.04 | 0.02 | 0.02 | 0.05 | 0.05 | 5.0 | 5.0 |
| 0902 | 150.0 | 78 - 102 | 52.10 | 4040 | 2258 | 1017 | 856 | 175 | 175 | 0.20 | 0.17 | 0.14 | 0.12 | 0.03 | <0.03 | 4.5 | 2.9 |
| 0932 | 501.0 | 450 - 490 | 86.73 | 2300 | 1444 | 1470 | 1120 | 192 | 188 | 0.19 | 0.19 | 0.79 | 0.46 | 0.04 | <0.03 | 41.1 | 2.9 |
| 0960 | 305.0 | 285 - 305 | 67.46 | 1871 | 1690 | 656 | 443 | 638 | 381 | 0.01 | <0.01 | 0.01 | <0.01 | 0.04 | 0.04 | 7.0 | 1.0 |
| 0961 | 240.0 | 200 - 240 | 67.40 | 1750 | 1680 | 973 | 809 | 155 | 155 | 0.03 | 0.02 | 0.60 | 0.30 | 0.03 | <0.03 | 2.9 | 2.8 |
| 0962 | 238.0 | 220 - 238 | ----- | 1330 | 1330 | 917 | 854 | 137 | 134 | 0.02 | 0.02 | 0.47 | 0.30 | 0.03 | <0.03 | 3.3 | 3.0 |
| CW15 | 134.6 | 73 - 133 | 75.00 | 1800 | 1690 | 603 | 603 | 83.3 | 77 | 0.03 | 0.03 | 0.20 | 0.20 | 0.03 | <0.03 | 1.7 | 1.6 |
| CW16 | ----- | 112 - 152 | 68.02 | 2041 | 2030 | 982 | 838 | 58.2 | 31 | 0.05 | 0.02 | 0.04 | 0.04 | 0.03 | <0.01 | 4.7 | 1.1 |
| CW27 | 110.0 | ----- | 72.70 | 2168 | 1600 | 900 | 840 | 171 | 171 | 1.81 | 1.81 | 0.28 | 0.21 | 0.03 | <0.03 | 2.2 | 1.9 |
| CW28 | 370.0 | 280 - 360 | 85.75 | 1410 | 1370 | 1205 | 701 | 148 | 147 | 0.03 | 0.02 | 0.53 | 0.29 | 0.07 | <0.03 | 7.1 | 3.0 |
| CW30 | 251.5 | 219 - 249 | 101.26 | 2200 | 2200 | 482 | 390 | 97 | 95 | 0.08 | 0.05 | 0.08 | 0.02 | 0.03 | <0.03 | 1.7 | 1.7 |
| | | | | | | 996 | 996 | 151 | 136 | 0.57 | 0.14 | 0.31 | 0.17 | 0.06 | <0.03 | 3.8 | 3.4 |
| Proposed Background = | | | | 3060 | 3060 | | | | | | | | | | | | |
| Total Number of Wells Exceeding = | | | | 1 | 0 | 1870 | 1870 | 71 | 71 | 0.15 | 0.15 | 0.27 | 0.27 | 0.05 | 0.05 | 23.0 | 23.0 |
| % Exceeding = | | | | 8 | 0 | 0 | 0 | 11 | 11 | 4 | 3 | 6 | 4 | 2 | 0 | 1 | 0 |
| Total Number of Wells = 12 | | | | | | 0 | 0 | 92 | 92 | 33 | 25 | 50 | 33 | 17 | 0 | 8 | 0 |

NOTE: H = Highest Concentration Observed in Well
 E = Existing (latest) Concentration Observed in Well
 = Exceeds Proposed Background
 % = Percentage of Wells that Exceed Proposed Background
 * = Latest Value is Pre-1994

C38