



|                            |      |       | Prospector |          |          |          | Upper Deer Valley |          |          |          | Lower Deer Valley |          |          |          | Old Town |          |          |          |
|----------------------------|------|-------|------------|----------|----------|----------|-------------------|----------|----------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|
|                            | Unit | MCL   | Jul-17     | Oct-17   | Jan-18   | Apr-18   | Jul-17            | Oct-17   | Jan-18   | Apr-18   | Jul-17            | Oct-17   | Jan-18   | Apr-18   | Jul-17   | Oct-17   | Jan-18   | Apr-18   |
| Antimony                   | mg/l | 0.006 | < 0.0005   | < 0.0005 | < 0.0005 | < 0.0005 | 0.0007            | 0.0039   | 0.0036   | 0.0030   | 0.0007            | 0.0036   | 0.0020   | 0.0042   | 0.0012   | 0.0009   | < 0.0005 | 0.0020   |
| Arsenic                    | mg/l | 0.01  | 0.0007     | 0.0007   | 0.0005   | 0.0006   | 0.0013            | 0.0020   | 0.0017   | 0.0015   | 0.0014            | 0.0019   | 0.0014   | 0.0021   | 0.0018   | 0.0019   | 0.0010   | 0.0013   |
| Barium                     | mg/l | 2     | 0.087      | 0.087    | 0.074    | 0.067    | 0.064             | 0.025    | 0.020    | 0.025    | 0.051             | 0.023    | 0.047    | 0.013    | 0.048    | 0.042    | 0.048    | 0.046    |
| Calcium                    | mg/l | N/A   | 61.4       | 61.8     | 60.2     | 49.5     | 146               | 77.0     | 72.6     | 73.7     | 129               | 81.4     | 69.5     | 79.2     | 124      | 111      | 92.2     | 86.6     |
| Cadmium                    | mg/l | 0.005 | < 0.0002   | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002          | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002          | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 |
| Chloride (1)               | mg/L | 250   | 26         | 19       | 24       | 21       | 175               | 38       | 42       | 40       | 177               | 45       | 52       | 43       | 114      | 113      | 95       | 22       |
| Copper (2)                 | mg/l | 1.3   | 0.0418     | 0.0038   | < 0.001  | 0.0024   | 0.0106            | 0.0023   | 0.0014   | 0.0027   | < 0.001           | 0.0011   | < 0.001  | 0.0012   | 0.0039   | 0.0089   | 0.0076   | 0.0042   |
| Fluoride                   | mg/l | 4.0   | 0.2        | 0.2      | 0.2      | < 0.1    | 0.2               | 0.3      | 0.3      | 0.2      | 0.2               | 0.3      | 0.3      | 0.3      | 0.2      | < 0.1    | 0.2      | 0.1      |
| Hardness                   | mg/l | N/A   | 214        | 218      | 208      | 171      | 514               | 290      | 271      | 269      | 454               | 297      | 254      | 295      | 436      | 397      | 326      | 292      |
| Hardness                   | gpg  | N/A   | 12.5       | 12.7     | 12.2     | 10.0     | 30.0              | 16.9     | 15.8     | 15.7     | 26.5              | 17.4     | 14.8     | 17.2     | 25.5     | 23.2     | 19.0     | 17.1     |
| Iron (1)                   | mg/l | 0.3   | < 0.02     | 0.06     | < 0.02   | 0.02     | < 0.02            | < 0.02   | < 0.02   | < 0.02   | 0.02              | < 0.02   | 0.03     | 0.05     | 0.06     | 0.07     | < 0.02   | 0.03     |
| Lead (2)                   | mg/l | 0.015 | < 0.0005   | < 0.0005 | < 0.0005 | < 0.0005 | 0.0008            | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005          | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005 |
| Mercury                    | mg/l | 0.002 | < 0.0002   | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002          | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002          | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 |
| Magnesium                  | mg/l | N/A   | 14.8       | 15.6     | 13.9     | 11.5     | 36.1              | 23.7     | 21.9     | 20.7     | 32.1              | 22.8     | 19.5     | 23.6     | 30.9     | 29.1     | 23.3     | 18.5     |
| Manganese (1)              | mg/l | 0.05  | < 0.0005   | 0.0013   | < 0.0005 | 0.0006   | < 0.0005          | 0.0005   | < 0.0005 | < 0.0005 | < 0.0005          | < 0.0005 | 0.0009   | 0.0015   | 0.0022   | 0.0019   | 0.0007   | 0.0014   |
| Nitrate                    | mg/l | 10    | 0.2        | 0.3      | 0.4      | 0.1      | 1.1               | 0.2      | 0.5      | 0.1      | 1.2               | 0.6      | 0.7      | < 0.2    | 0.8      | 0.8      | 0.7      | 0.6      |
| pH                         | SU   | N/A   | 7.94       | 7.91     | 7.82     | 7.62     | 7.19              | 7.66     | 7.89     | 7.77     | 7.17              | 7.56     | 7.49     | 7.43     | 7.76     | 7.71     | 7.56     | 7.97     |
| Selenium                   | mg/l | 0.05  | < 0.0005   | < 0.0005 | < 0.0005 | 0.0005   | 0.0022            | 0.0030   | 0.0024   | 0.0017   | 0.0023            | 0.0031   | 0.0017   | 0.0027   | 0.0021   | 0.0025   | 0.0012   | 0.0013   |
| Sodium                     | mg/l | N/A   | 15.9       | 12.9     | 13.6     | 10.9     | 56.7              | 13.9     | 15.6     | 16.2     | 50.8              | 17.1     | 20.5     | 13.7     | 47.9     | 43.9     | 34.0     | 10.7     |
| Sulfate (3)                | mg/l | 250   | 13         | 13       | 13       | 27       | 175               | 222      | 202      | 181      | 178               | 211      | 141      | 258      | 150      | 168      | 100      | 137      |
| Total Dissolved Solids (4) | mg/L | 1000  | 272        | 236      | 240      | 220      | 732               | 412      | 372      | 492      | 772               | 456      | 436      | 476      | 596      | 572      | 516      | 444      |
| Thallium                   | mg/l | 0.002 | < 0.0002   | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002          | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002          | < 0.0002 | < 0.0002 | 0.0002   | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 |

|                            |      |       | Thaynes  |          |          |          | Iron Canyon |          |          |          | Park Meadows |          |          |          | Fairway Hills |          |          |          |
|----------------------------|------|-------|----------|----------|----------|----------|-------------|----------|----------|----------|--------------|----------|----------|----------|---------------|----------|----------|----------|
|                            | Unit | MCL   | Jul-17   | Oct-17   | Jan-18   | Apr-18   | Jul-17      | Oct-17   | Jan-18   | Apr-18   | Jul-17       | Oct-17   | Jan-18   | Apr-18   | Jul-17        | Oct-17   | Jan-18   | Apr-18   |
| Antimony                   | mg/l | 0.006 | 0.0037   | 0.0012   | < 0.0005 | 0.0028   | 0.0027      | 0.0032   | 0.0005   | 0.0035   | 0.0008       | 0.0012   | < 0.0005 | 0.0012   | < 0.0005      | < 0.0005 | < 0.0005 | < 0.0005 |
| Arsenic                    | mg/l | 0.01  | 0.0024   | 0.0022   | 0.0010   | 0.0018   | 0.0018      | 0.0025   | 0.0016   | 0.0020   | 0.0016       | 0.0017   | 0.0010   | 0.0010   | 0.0011        | 0.0006   | 0.0008   | 0.0005   |
| Barium                     | mg/l | 2     | 0.016    | 0.050    | 0.064    | 0.015    | 0.023       | 0.019    | 0.046    | 0.018    | 0.052        | 0.056    | 0.062    | 0.048    | 0.063         | 0.081    | 0.071    | 0.074    |
| Calcium                    | mg/l | N/A   | 74.8     | 118      | 101      | 99.2     | 77.8        | 77.7     | 127      | 105      | 132          | 92.6     | 95.9     | 86.3     | 134           | 59.1     | 100      | 70       |
| Cadmium                    | mg/l | 0.005 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002    | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002     | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002      | < 0.0002 | < 0.0002 | < 0.0002 |
| Chloride (1)               | mg/L | 250   | 9        | 123      | 107      | 10       | 11          | 11       | 139      | 12       | 150          | 66       | 122      | 55       | 211           | 20       | 113      | 59       |
| Copper (2)                 | mg/l | 1.3   | 0.0018   | 0.0018   | 0.0011   | 0.0013   | 0.0011      | 0.0017   | 0.0032   | 0.0023   | 0.0026       | 0.0028   | 0.0018   | 0.0038   | 0.0031        | 0.0016   | 0.0015   | 0.0012   |
| Fluoride                   | mg/l | 4.0   | 0.2      | 0.2      | 0.2      | 0.1      | 0.2         | < 0.1    | 0.2      | 0.2      | 0.2          | 0.2      | 0.2      | 0.1      | 0.2           | 0.2      | < 0.1    | 0.1      |
| Hardness                   | mg/l | N/A   | 282      | 418      | 357      | 331      | 288         | 294      | 446      | 359      | 466          | 328      | 341      | 294      | 473           | 206      | 354      | 245      |
| Hardness                   | gpg  | N/A   | 16.5     | 24.4     | 20.9     | 19.3     | 16.8        | 17.2     | 26.1     | 21.0     | 27.2         | 19.2     | 19.9     | 17.2     | 27.6          | 12.0     | 20.7     | 14.3     |
| Iron (1)                   | mg/l | 0.3   | < 0.02   | < 0.02   | < 0.02   | 0.02     | 0.04        | 0.02     | 0.04     | 0.02     | < 0.02       | < 0.02   | < 0.02   | < 0.02   | < 0.02        | < 0.02   | < 0.02   | < 0.02   |
| Lead (2)                   | mg/l | 0.015 | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005    | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005     | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005      | < 0.0005 | < 0.0005 | < 0.0005 |
| Mercury                    | mg/l | 0.002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002    | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002     | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002      | < 0.0002 | < 0.0002 | < 0.0002 |
| Magnesium                  | mg/l | N/A   | 23.2     | 29.8     | 25.4     | 20.2     | 22.7        | 24.2     | 31.5     | 23.5     | 32.9         | 23.6     | 24.5     | 19.0     | 33.3          | 14.2     | 25.2     | 17.1     |
| Manganese (1)              | mg/l | 0.05  | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005 | 0.0011      | 0.0014   | < 0.0005 | 0.0005   | < 0.0005     | < 0.0005 | < 0.0005 | < 0.0005 | < 0.0005      | < 0.0005 | < 0.0005 | < 0.0005 |
| Nitrate                    | mg/l | 10    | 0.2      | 1.2      | 0.7      | 0.5      | 0.2         | 0.2      | 1.4      | 0.5      | 1.1          | 0.6      | 0.8      | 0.5      | 1.2           | 0.3      | 1.2      | 0.3      |
| pH                         | SU   | N/A   | 7.53     | 7.22     | 7.51     | 7.66     | 7.61        | 7.51     | 7.30     | 7.56     | 7.34         | 7.65     | 7.44     | 7.63     | 7.35          | 7.59     | 7.44     | 7.55     |
| Selenium                   | mg/l | 0.05  | 0.0018   | 0.0025   | 0.0013   | 0.0016   | 0.0016      | 0.0017   | 0.0020   | 0.0020   | 0.0024       | 0.0018   | 0.0014   | 0.0011   | 0.0019        | < 0.0005 | 0.0011   | 0.0006   |
| Sodium                     | mg/l | N/A   | 6.3      | 46.1     | 37.9     | 7.6      | 7.0         | 7.2      | 52.5     | 8.2      | 52.1         | 27.0     | 36.6     | 21.2     | 62.8          | 12.2     | 38.8     | 22.7     |
| Sulfate (3)                | mg/l | 250   | 145      | 167      | 92       | 153      | 128         | 150      | 152      | 185      | 178          | 112      | 105      | 108      | 155           | 16       | 91       | 37       |
| Total Dissolved Solids (4) | mg/L | 1000  | 392      | 612      | 516      | 500      | 376         | 380      | 608      | 476      | 680          | 432      | 528      | 532      | 772           | 248      | 476      | 348      |
| Thallium                   | mg/l | 0.002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002    | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002     | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002      | < 0.0002 | < 0.0002 | < 0.0002 |

Key

mg/l - This unit describes the level of the detected substance. One mg/l is approximately equal to one drop of food coloring in 13 gallons of water.

gpg - Grain per gallon is a unit of water hardness defined as 1 grain (64.8 milligrams) of calcium carbonate dissolved in 1 gallon of water

MCL - Maximum Contaminant Level set by the Environmental Protection Agency; See definition in Annual Water Quality Consumer Confidence Report

N/A - Not applicable

NS - Not sampled inadvertently

(1) Secondary MCLs have been established by EPA for iron, manganese and chloride. EPA does not enforce SMCLs. They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations such as color, taste and odor. These substances are not considered to present a risk to human health at the SMCL.

(2) Action levels have been established, rather than MCLs. If an action level is exceeded in over 10% of samples collected within homes, steps must be taken to reduce the concentrations to below the action level

(3) If the sulfate level is greater than 500 mg/L, the water system shall satisfactorily demonstrate that: (a) No better quality water is available, and (b) The water shall not be available for human consumption from commercial establishments. In no case shall DDW allow the use of water having a sulfate level greater than 1000 mg/L.

(4) UDEQ DDW requires that if the TDS is greater than 1000 mg/L, the water system shall satisfactorily demonstrate to DDW that no better water is available. DDW shall not allow the use of an inferior source of water if a better source of water (i.e. lower in TDS) is available.