

Table 1: Selenium Mobilization Potential by 12-Digit HUC for the Top Ranked 23 Subwatersheds

| HUC Name | HUC # | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated | % Inefficient | Irrigated Land, Selenium Mobilization Potential | | | |
|--|--------------|-------------|-----------------|-----------------------------------|---------------|---|--------|------------------|-----|
| | | | | | | Very High | % | Very High + High | % |
| East Mesa | 140200060604 | 20,082.42 | 6,408.16 | 5,723.45 | 89.32% | 1,823.06 | 28.45% | 6,020.50 | 94% |
| Outlet Uncompahgre River | 140200060606 | 35,740.99 | 15,538.54 | 13,724.83 | 88.33% | 368.67 | 2.37% | 5,125.75 | 33% |
| <i>No Name</i> | 140200050113 | 15,864.65 | 5,446.97 | 4,904.66 | 90.04% | 764.95 | 14.04% | 4,131.15 | 76% |
| Loutsenhizer Arroyo | 140200060605 | 22,775.45 | 3,797.20 | 3,344.65 | 88.08% | 280.63 | 7.39% | 3,505.00 | 92% |
| Petrie Mesa-Gunnison River | 140200050501 | 32,929.50 | 8,708.05 | 8,334.56 | 95.71% | 180.63 | 2.07% | 2,088.70 | 24% |
| Montrose Arroyo | 140200060405 | 12,306.39 | 1,940.61 | 1,670.51 | 86.08% | 227.24 | 11.71% | 1,851.80 | 95% |
| Dry Gulch-Gunnison River | 140200050114 | 18,116.24 | 3,314.53 | 2,589.77 | 78.13% | 52.50 | 1.58% | 1,725.99 | 52% |
| Beaton Creek-Uncompahgre River | 140200060303 | 24,345.33 | 1,942.33 | 1,942.34 | 100.00% | 3.04 | 0.16% | 1,228.38 | 63% |
| Happy Canyon Creek | 140200060403 | 38,486.34 | 2,740.24 | 2,494.48 | 91.03% | 76.09 | 2.78% | 1,199.12 | 44% |
| Dry Cedar Creek | 140200060402 | 15,776.23 | 1,704.87 | 1,224.11 | 71.80% | 268.78 | 15.77% | 1,192.03 | 70% |
| City of Montrose-Uncompahgre River | 140200060407 | 9,004.51 | 2,958.39 | 2,745.80 | 92.81% | 52.85 | 1.79% | 1,159.41 | 39% |
| Reynolds Creek-North Fork Gunnison River | 140200040503 | 26,524.97 | 5,963.71 | 5,190.02 | 87.03% | 886.57 | 14.87% | 982.10 | 16% |
| Fruit Growers Reservoir-Gunnison River | 140200050105 | 13,043.65 | 3,633.34 | 2,648.84 | 72.90% | 749.39 | 20.63% | 896.31 | 25% |
| Iron Creek | 140200021203 | 22,283.90 | 2,274.75 | 308.76 | 13.57% | 679.24 | 29.86% | 711.70 | 31% |
| Onion Creek-Uncompahgre River | 140200060302 | 19,301.48 | 1,312.14 | 1,227.00 | 93.51% | 0.34 | 0.03% | 640.96 | 49% |
| Horsefly Creek | 140200060401 | 28,774.48 | 1,697.87 | 1,675.41 | 98.68% | 14.13 | 0.83% | 530.22 | 31% |
| Muddy Creek | 140200021202 | 15,262.01 | 1,172.07 | 199.06 | 16.98% | 515.90 | 44.02% | 518.17 | 44% |
| Outlet Cedar Creek | 140200060406 | 16,468.05 | 3,524.30 | 3,297.34 | 93.56% | 307.81 | 8.73% | 466.99 | 13% |
| Peach Valley | 140200050104 | 19,487.19 | 479.11 | 309.20 | 64.54% | 20.32 | 4.24% | 426.79 | 89% |
| Cottonwood Creek | 140200040504 | 26,305.31 | 2,943.07 | 1,900.47 | 64.57% | 245.74 | 8.35% | 338.69 | 12% |
| Lower Spring Creek | 140200060603 | 11,822.96 | 5,413.02 | 4,993.21 | 92.24% | 69.28 | 1.28% | 328.60 | 6% |
| Lower Roubideau Creek | 140200050205 | 31,239.84 | 6,772.15 | 5,831.16 | 86.11% | 24.73 | 0.37% | 318.82 | 5% |
| Crawford Reservoir | 140200021204 | 10,306.81 | 1,910.90 | 1,609.86 | 84.25% | 221.93 | 11.61% | 290.57 | 15% |

Table 2: Selenium Mobilization Potential Ranked by Basin

| HUC Name | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated | % Inefficient Irrigated | Irrigated Land, Selenium Mobilization Potential | | | |
|--------------------------------|---------------------|-------------------|-----------------------------------|-------------------------|---|--------------|------------------|---------------|
| | | | | | Very High | % | Very High + High | % |
| Uncompahgre Total | 606,717.62 | 81,270.77 | 73,641.81 | 91% | 3539.67 | 4.36% | 23,984.60 | 30% |
| Lower Gunnison Total | 468,943.05 | 44,817.99 | 36,527.53 | 82% | 1,840.47 | 4.11% | 9,801.46 | 22% |
| North Fork Total | 414,349.97 | 34,716.17 | 23,881.63 | 68.79% | 1301.43 | 3.75% | 1,744.92 | 5% |
| Lower Gunnison Tributary Total | 282,927.26 | 22,734.02 | 14,369.83 | 63.21% | 1461.34 | 6.43% | 1,593.07 | 7% |
| CUMULATIVE TOTAL: | 1,772,937.90 | 183,538.95 | 148,420.80 | 80.87% | 8,142.91 | 4.44% | 37,124.05 | 20.23% |

Table 3: Selenium Mobilization Potential Ranked for the Top 18 Water Companies

| Water District | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated Acres* | % Inefficient Irrigated | Irrigated Land, Selenium Mobilization Potential | | | |
|------------------------------------|-------------|-----------------|--|-------------------------|---|-------|------------------|--------|
| | | | | | Very High | % | Very High + High | % |
| Tri-County** | 42,614.64 | 18,152.61 | 16,342.16 | 90.03% | 951 | 5.2% | 7,287 | 40.14% |
| Cathedral | 3,461.06 | 1,490.82 | 416.60 | 27.94% | 739 | 49.6% | 820 | 55.01% |
| Bone Mesa | 5,543.93 | 2,515.96 | 2,130.30 | 84.67% | 337 | 13.4% | 395 | 15.71% |
| Gunnison_Valley_domestic_pipeline | 713.82 | 410.92 | 389.10 | 94.69% | 1 | 0.3% | 333 | 81.10% |
| Craword_mesa_Water | 16,625.08 | 6,486.72 | 4,594.02 | 70.82% | 241 | 3.7% | 332 | 5.11% |
| West_Ext | 283.06 | 191.65 | 124.89 | 65.17% | 120 | 62.4% | 120 | 62.36% |
| Paonia | 2,057.70 | 663.63 | 607.19 | 91.50% | 81 | 12.1% | 86 | 12.91% |
| Deutsch_Domestic | 3,242.55 | 1,476.86 | 1,253.67 | 84.89% | 51 | 3.4% | 71 | 4.79% |
| Burgess | 137.76 | 64.60 | 64.44 | 99.75% | 49 | 75.5% | 49 | 75.60% |
| Stewart | 1,066.17 | 493.75 | 428.67 | 86.82% | 38 | 7.7% | 42 | 8.54% |
| Upper Surface Creek Domestic Water | 23,583.28 | 5,996.12 | 4,677.59 | 78.01% | 1 | 0.0% | 26 | 0.43% |
| Delta | 586.30 | 59.59 | 0.00 | 0.00% | 0 | 0.0% | 21.68 | 36.38% |
| Lamborn_Mesa | 298.47 | 120.29 | 120.29 | 100.00% | 2.67 | 2.2% | 13.72 | 11.41% |
| Hotchkiss | 152.39 | 61.55 | 27.72 | 45.04% | 0 | 0.0% | 12.82 | 20.83% |
| Sunshine Mesa DomesticWater Inc | 444.35 | 197.46 | 197.46 | 100.00% | 0 | 0.0% | 12.37 | 6.26% |
| Hanson_Mesa | 965.94 | 450.26 | 328.80 | 73.02% | 6.95 | 1.5% | 11.54 | 2.56% |
| Bull Mesa | 465.09 | 326.92 | 261.65 | 80.03% | 9 | 2.8% | 9 | 2.75% |
| S_Lamborn Mesa | 250.56 | 18.62 | 16.39 | 88.02% | 6.78 | 36.4% | 8.87 | 47.64% |

Table 4: Salt Mobilization Potential Ranked for the Top 25 12-Digit Sub-watersheds

| HUC Name | HUC # | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated | % Inefficient Irrigated | Irrigated Land, Salt | | | | | | Total Land, Salt | | | | | |
|------------------------------------|--------------|-------------|-----------------|-----------------------------------|-------------------------|----------------------|--------|-----------------|-------|-----------------------|-------|-------------------|-------|-----------------|------|-----------------------|-------|
| | | | | | | Moderately saline | % | Strongly saline | % | Moderately + Strongly | % | Moderately saline | % | Strongly saline | % | Moderately + Strongly | % |
| No Name | 140200050113 | 15864.65 | 5189.08 | 4653.93 | 89.7% | 193.42 | 3.73% | 153.43 | 3.0% | 346.85 | 6.7% | 2556.98 | 16.1% | 746.69 | 4.7% | 3303.67 | 20.8% |
| Loutsenhizer Arroyo | 140200060605 | 22775.45 | 3788.39 | 3340.52 | 88.2% | 86.81 | 2.29% | 27.90 | 0.7% | 114.71 | 3.0% | 2775.38 | 12.2% | 425.12 | 1.9% | 3200.50 | 14.1% |
| Outlet Uncompahgre River | 140200060606 | 35740.99 | 14989.15 | 13206.95 | 88.1% | 79.7 | 0.53% | 91.72 | 0.6% | 171.42 | 1.1% | 1927.76 | 5.4% | 959.42 | 2.7% | 2887.18 | 8.1% |
| Peach Valley | 140200050104 | 19487.19 | 464.62 | 295.24 | 63.5% | 8.08 | 1.74% | 0.00 | 0.0% | 8.08 | 1.7% | 1590.27 | 8.2% | 111.95 | 0.6% | 1702.22 | 8.7% |
| Petrie Mesa-Gunnison River | 140200050501 | 32929.5 | 8002.52 | 7629.02 | 95.3% | 21.49 | 0.27% | 105.45 | 1.3% | 126.94 | 1.6% | 1019.15 | 3.1% | 550.23 | 1.7% | 1569.38 | 4.8% |
| Montrose Arroyo | 140200060405 | 12306.39 | 1666.9 | 1530.73 | 91.8% | 21.76 | 1.31% | 7.98 | 0.5% | 29.74 | 1.8% | 1074.03 | 8.7% | 228.09 | 1.9% | 1302.12 | 10.6% |
| East Mesa | 140200060604 | 20082.42 | 6301.1 | 5616.38 | 89.1% | 7.66 | 0.12% | 198.54 | 3.2% | 206.2 | 3.3% | 215.22 | 1.1% | 679.29 | 3.4% | 894.51 | 4.5% |
| Dry Cedar Creek | 140200060402 | 15776.23 | 1144.13 | 664.64 | 58.1% | 44.42 | 3.88% | 19.40 | 1.7% | 63.82 | 5.6% | 723.51 | 4.6% | 149.77 | 0.9% | 873.28 | 5.5% |
| Dry Gulch-Gunnison River | 140200050114 | 18116.24 | 2834.21 | 2260.74 | 79.8% | 7.15 | 0.25% | 17.13 | 0.6% | 24.28 | 0.9% | 588.44 | 3.2% | 184.41 | 1.0% | 772.85 | 4.3% |
| Happy Canyon Creek | 140200060403 | 38486.34 | 2033.69 | 1961.69 | 96.5% | 129.14 | 6.35% | 59.40 | 2.9% | 188.54 | 9.3% | 237.16 | 0.6% | 486.40 | 1.3% | 723.56 | 1.9% |
| Outlet Cedar Creek | 140200060406 | 16468.05 | 1644.1 | 1558.79 | 94.8% | 25.55 | 1.55% | 20.70 | 1.3% | 46.25 | 2.8% | 581.59 | 3.5% | 109.94 | 0.7% | 691.53 | 4.2% |
| Wells Gulch-Gunnison River | 140200050505 | 28573.69 | 254.82 | 19.01 | 7.5% | 93.95 | 36.87% | 0.00 | 0.0% | 93.95 | 36.9% | 648.53 | 2.3% | 0.00 | 0.0% | 648.53 | 2.3% |
| Lower Spring Creek | 140200060603 | 11822.96 | 5385.63 | 4966.5 | 92.2% | 229.73 | 4.27% | 67.58 | 1.3% | 297.31 | 5.5% | 355.45 | 3.0% | 225.73 | 1.9% | 581.18 | 4.9% |
| Iron Creek | 140200021203 | 22283.9 | 1343.31 | 203.01 | 15.1% | 0 | 0.00% | 267.19 | 19.9% | 267.19 | 19.9% | 0.00 | 0.0% | 578.52 | 2.6% | 578.52 | 2.6% |
| Miller Creek | 140200040407 | 34757.52 | 585.48 | 486.44 | 83.1% | 0 | 0.00% | 0.00 | 0.0% | 0 | 0.0% | 0.00 | 0.0% | 551.19 | 1.6% | 551.19 | 1.6% |
| Crawford Reservoir | 140200021204 | 10306.81 | 1288.99 | 1189.06 | 92.2% | 0 | 0.00% | 177.64 | 13.8% | 177.64 | 13.8% | 0.00 | 0.0% | 483.33 | 4.7% | 483.33 | 4.7% |
| Outlet Currant Creek | 140200050102 | 17593.2 | 1926.62 | 1745.23 | 90.6% | 59.45 | 3.09% | 0.00 | 0.0% | 59.45 | 3.1% | 434.86 | 2.5% | 22.71 | 0.1% | 457.57 | 2.6% |
| Reynolds Creek-North Fork | | | | | | | | | | | | | | | | | |
| Gunnison River | 140200040503 | 26524.97 | 6125.23 | 5412.74 | 88.4% | 7.01 | 0.11% | 183.55 | 3.0% | 190.56 | 3.1% | 54.56 | 0.2% | 367.27 | 1.4% | 421.83 | 1.6% |
| Cottonwood Creek | 140200040504 | 26305.31 | 2473.85 | 1428.73 | 57.8% | 18.88 | 0.76% | 53.04 | 2.1% | 71.92 | 2.9% | 170.18 | 0.6% | 217.46 | 0.8% | 387.64 | 1.5% |
| Lawbead Gulch-Gunnison River | 140200050103 | 18999.58 | 1220.93 | 850.79 | 69.7% | 38.21 | 3.13% | 0.00 | 0.0% | 38.21 | 3.1% | 380.76 | 2.0% | 0.00 | 0.0% | 380.76 | 2.0% |
| Lower Roubideau Creek | 140200050205 | 31239.84 | 6761.45 | 5820.96 | 86.1% | 9.59 | 0.14% | 9.47 | 0.1% | 19.06 | 0.3% | 272.63 | 0.9% | 71.14 | 0.2% | 343.77 | 1.1% |
| City of Montrose-Uncompahgre River | 140200060407 | 9004.51 | 1921.59 | 1806.43 | 94.0% | 13.37 | 0.70% | 26.73 | 1.4% | 40.1 | 2.1% | 268.56 | 3.0% | 44.67 | 0.5% | 313.23 | 3.5% |
| Middle Smith Fork | 140200021205 | 21594.45 | 303.15 | 156.66 | 51.7% | 0 | 0.00% | 69.26 | 22.8% | 69.26 | 22.8% | 0.00 | 0.0% | 224.46 | 1.0% | 224.46 | 1.0% |

* Gray shaded area indicates irrigation values that vary from selenium tables.

Table 5: Salt Mobilization Potential Ranked by Basin

| Basin Name | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated Acres* | % Inefficient Irrigated | Irrigated Land, Salt | | | | | | Total Land, Salt | | | | | |
|----------------------------|-------------------|------------------|--|-------------------------|----------------------|-------------|-----------------|-------------|-----------------------|-------------|-------------------|-------------|-----------------|-------------|-----------------------|--------------|
| | | | | | Moderately Saline | % | Strongly Saline | % | Moderately + Strongly | % | Moderately Saline | % | Strongly Saline | % | Moderately + Strongly | % |
| Uncompahgre Total | 606717.62 | 55939.74 | 51838.54 | 92.7% | 664.83 | 1.19% | 541.03 | 1.0% | 1205.86 | 2.2% | 8263.02 | 1.4% | 3339.11 | 0.6% | 11602.13 | 1.9% |
| Lower Gunnison Total | 463325.87 | 40250.21 | 33257.8 | 82.6% | 468.98 | 1.17% | 285.48 | 0.7% | 754.46 | 1.9% | 7717.37 | 1.7% | 1781.2 | 0.4% | 9498.57 | 2.1% |
| North Fork Total | 414349.97 | 21218.51 | 17468.29 | 82.3% | 42.6 | 0.20% | 259.23 | 1.2% | 301.83 | 1.4% | 285.79 | 0.1% | 1165.42 | 0.3% | 1451.21 | 0.4% |
| Lower Gunnison Tribs Total | 282927.26 | 5990.61 | 2805.57 | 46.8% | 0 | 0.00% | 546.87 | 9.1% | 546.87 | 9.1% | 0 | 0.0% | 1405.33 | 0.5% | 1405.33 | 0.5% |
| CUMULATIVE TOTAL: | 1767320.72 | 123399.07 | 105370.2 | 85.4% | 1176.41 | 1.0% | 1632.61 | 1.3% | 2809.02 | 2.3% | 16266.18 | 0.9% | 7691.06 | 0.4% | 23957.24 | 1.36% |

NOTE: Irrigated acres values differ from those used in Selenium Tables due to limited spatial coverage of soil salinity (EC) information

Table 6: Salt Mobilization Potential Ranked for the Top 17 Water Companies

| District | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated Acres* | % Inefficient Irrigated | Irrigated Land, Salt | | | | | | Total Land, Salt | | | | | |
|------------------------------------|-------------|-----------------|--|-------------------------|----------------------|------|-----------------|-------|------------------------------|-------|-------------------|------|-----------------|-------|------------------------------|-------|
| | | | | | Moderately Saline | % | Strongly Saline | % | Strongly + Moderately Saline | % | Moderately Saline | % | Strongly Saline | % | Strongly + Moderately Saline | % |
| Tri-County ** | 42614.64 | 16874.21 | 15140.1 | 89.7% | 197.96 | 1.2% | 269.75 | 1.6% | 467.7 | 2.8% | 3853.34 | 9.0% | 1646.95 | 3.9% | 5500.29 | 12.9% |
| Cathedral | 3461.06 | 1274.34 | 379.78 | 29.8% | 0 | 0.0% | 164.92 | 12.9% | 164.9 | 12.9% | 0 | 0.0% | 352.31 | 10.2% | 352.31 | 10.2% |
| Craword Mesa Water | 16625.08 | 3771.86 | 2315.51 | 61.4% | 35.36 | 0.9% | 28.75 | 0.8% | 64.1 | 1.7% | 189.83 | 1.1% | 101.1 | 0.6% | 290.93 | 1.7% |
| Deutsch Domestic | 3242.55 | 674.89 | 643.25 | 95.3% | 0 | 0.0% | 43.98 | 6.5% | 44.0 | 6.5% | 0 | 0.0% | 166.53 | 5.1% | 166.53 | 5.1% |
| Paonia | 2057.7 | 605.05 | 563.16 | 93.1% | 0 | 0.0% | 87.17 | 14.4% | 87.2 | 14.4% | 0 | 0.0% | 157.5 | 7.7% | 157.5 | 7.7% |
| Upper Surface Creek Domestic Water | 23583.28 | 4411.61 | 3531.16 | 80.0% | 59.45 | 1.3% | 0 | 0.0% | 59.5 | 1.3% | 129.04 | 0.5% | 22.71 | 0.1% | 151.75 | 0.6% |
| Gunnison Valley Domestic Pipeline | 713.82 | 357.61 | 342.06 | 95.7% | 0 | 0.0% | 0.1 | 0.0% | 0.1 | 0.0% | 0 | 0.0% | 46.99 | 6.6% | 46.99 | 6.6% |
| South Lamborne Mesa | 250.56 | 49.02 | 46.79 | 95.5% | 0 | 0.0% | 27.95 | 57.0% | 28.0 | 57.0% | 0 | 0.0% | 41.58 | 16.6% | 41.58 | 16.6% |
| Fruitland Domestic Water | 11918.19 | 1110.09 | 678.68 | 61.1% | 0 | 0.0% | 30.72 | 2.8% | 30.7 | 2.8% | 0 | 0.0% | 40.79 | 0.3% | 40.79 | 0.3% |
| Foothills | 65.26 | 28.55 | 28.55 | 100.0% | 0 | 0.0% | 19.41 | 68.0% | 19.4 | 68.0% | 0 | 0.0% | 36.99 | 56.7% | 36.99 | 56.7% |
| Crawford | 706.76 | 35.48 | 22.75 | 64.1% | 0 | 0.0% | 20.23 | 57.0% | 20.2 | 57.0% | 0 | 0.0% | 26.34 | 3.7% | 26.34 | 3.7% |
| Lamborn Mesa | 298.47 | 131.77 | 131.77 | 100.0% | 0 | 0.0% | 5.47 | 4.2% | 5.5 | 4.2% | 0 | 0.0% | 22.91 | 7.7% | 22.91 | 7.7% |
| Mad_Dog Needle Rock | 1297.53 | 31.37 | 31.34 | 99.9% | 0 | 0.0% | 0 | 0.0% | 0.0 | 0.0% | 0 | 0.0% | 10.82 | 0.8% | 10.82 | 0.8% |
| East Green hs | 100.83 | 83.83 | 83.83 | 100.0% | 0 | 0.0% | 8.12 | 9.7% | 8.1 | 9.7% | 0 | 0.0% | 9.48 | 9.4% | 9.48 | 9.4% |
| German Mesa | 34.22 | 29.12 | 29.12 | 100.0% | 0 | 0.0% | 4.9 | 16.8% | 4.9 | 16.8% | 0 | 0.0% | 4.9 | 14.3% | 4.9 | 14.3% |
| Burgess | 137.76 | 64.6 | 64.44 | 99.8% | 0 | 0.0% | 0 | 0.0% | 0.0 | 0.0% | 1.96 | 1.4% | 0 | 0.0% | 1.96 | 1.4% |
| Stewart | 1066.17 | 600.15 | 518.45 | 86.4% | 0 | 0.0% | 0.05 | 0.0% | 0.1 | 0.0% | 0 | 0.0% | 0.42 | 0.0% | 0.42 | 0.0% |

NOTE: Irrigated acres values differ from those used in Selenium Tables due to limited spatial coverage of soil salinity (EC) information

Table 7. Water Supply Gap Information

| District | 2007 Water Provider Survey | | | | | GAP(b) | GAP (c) |
|--|----------------------------|-------------|----------------|---------------|---------|----------|---------------|
| | Current Deliveries | 2030 Demand | Current Supply | Future Supply | GAP | | |
| Upper Surface Creek Domestic Water Users Association | 307 AF | 2257 AF | 429 AF | 441 AF | 1816 AF | 403 AF | no M&I gap |
| Tri County WCD | 2714 AF | 3% per year | n/a | n/a | n/a | | |
| City of Delta | 1559 AF | 3% per year | n/a | n/a | n/a | | no M&I gap |
| Town of Cedaredge | 550 AF | 1700 AF | 2400 AF | 1400 AF | 300 AF | 418 AF | |
| Town of Hotchkiss | 110 MG | 190 MG | 198 MG | n/a | n/a | | no M&I gap |
| Town of Crawford | 71 MG | 100 MG | 70 MG | 100 MG | 0 | | |
| Town of Orchard City | 185 MG | 550 MG | 474 MG | n/a | n/a | 264 AF | n/a |
| Town of Paonia | 296.6 MG | 140 MG | 297 MG | n/a | n/a | | 300 AF |
| Fruitland Domestic Water Company | 65.93 MG | 128 MG | 128 GPM | 128 GPM | 0 | | |
| Coalby Domestic Water Company | 7.4 MG | 60 AF | 98 AF | 98 AF | + 38 AF | + 184 AF | |
| Domestic Pipeline | n/a | n/a | 594 MG | 3.1 MGD | n/a | | |
| Bone Mesa | n/a | n/a | 1350 GPM | n/a | n/a | | |
| Lazear | 15.53 MG | n/a | n/a | n/a | n/a | | |
| Sunshine Mesa Domestic Water | 4 MG | n/a | 5 MG | n/a | n/a | | |
| Delta County Unincorporated Wells | | | | | | 907 AF | 225 AF |
| Total Delta County M& I Gap | | | | | | | 500 AF |

M&I - Municipal and Industrial Supply
MG - million gallons
AF - acre-foot
Sources:
 GAP(b): GBRT Appendix C(1)
 GAP(c): Camp Dresser & McKee [CDM]. 2004. Statewide Water Supply Initiative. Chapter 6. Colorado Water Conservation Board.

Table 8: Combined Selenium and Salt Mobilization Potential Ranked by Basin

| Basin Name | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated Acres* | % Inefficient Irrigated | Irrigated Acres | | | | | | Total Acres | | | | | | | | | |
|----------------------------|---------------------|-----------------|--|-------------------------|---|---------------|---|---------------|--|--------------|--|--------------|---|--------------|---|--------------|--|--------------|-------------|--------------|
| | | | | | Very High Selenium Mobilization Potential and Strongly Saline | % | Very High Selenium Mobilization Potential and Moderately Saline | % | High Selenium Mobilization Potential and Strongly Saline | % | High Selenium Mobilization Potential and Moderately Saline | % | Very High Selenium Mobilization Potential and Strongly Saline | % | Very High Selenium Mobilization Potential and Moderately Saline | % | High Selenium Mobilization Potential and Strongly Saline | % | | |
| Uncompahgre Total | 606,717.62 | 843.72 | 690.74 | 81.87% | 486.78 | 57.69% | 252.65 | 29.94% | 54.25 | 6.43% | 0.00 | 0.00% | 3,239.28 | 0.53% | 7,713.46 | 1.27% | 99.83 | 0.02% | 0.00 | 0.00% |
| Lower Gunnison Total | 468,857.90 | 530.81 | 447.29 | 84.27% | 285.48 | 53.78% | 239.73 | 45.16% | 0.00 | 0.00% | 0.00 | 0.00% | 1,614.33 | 0.34% | 6,030.71 | 1.29% | 0.00 | 0.00% | 0.00 | 0.00% |
| North Fork Total | 414,349.97 | 21.63 | 16.16 | 74.71% | 21.63 | 100.00% | 0.00 | 0.00% | 0.00 | 0.00% | 0.00 | 0.00% | 230.55 | 0.06% | 0.00 | 0.00% | 0.00 | 0.00% | 0.00 | 0.00% |
| Lower Gunnison Tribs Total | 282,927.26 | 82.11 | 46.53 | 56.67% | 82.11 | 100.00% | 0.00 | 0.00% | 0.00 | 0.00% | 0.00 | 0.00% | 704.70 | 0.25% | 0.00 | 0.00% | 0.00 | 0.00% | 0.00 | 0.00% |
| CUMULATIVE TOTAL: | 1,772,852.75 | 1,478.27 | 1,200.72 | 81.22% | 876.00 | 59.26% | 492.38 | 33.31% | 54.25 | 3.67% | 0.00 | 0.00% | 5,788.86 | 0.33% | 13,744.17 | 0.78% | 99.83 | 0.01% | 0.00 | 0.00% |

NOTE: Irrigated acres values differ from those used in Selenium Tables due to limited spatial coverage of soil salinity (EC) information

Table 9: Combined Selenium and Salt Mobilization Potential Ranked for the Top 21 Sub-waersheds

| HUC Name | HUC # | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated Acres* | % Inefficient Irrigated | Irrigated Acres | | | | | | | | Total Acres | | | | | | | |
|--|--------------|-------------|-----------------|--|-------------------------|---|---------|---|---------|--|--------|--|-------|---|-------|---|--------|--|-------|--|-------|
| | | | | | | Very High Selenium Mobilization Potential and Strongly Saline | % | Very High Selenium Mobilization Potential and Moderately Saline | % | High Selenium Mobilization Potential and Strongly Saline | % | High Selenium Mobilization Potential and Moderately Saline | % | Very High Selenium Mobilization Potential and Strongly Saline | % | Very High Selenium Mobilization Potential and Moderately Saline | % | High Selenium Mobilization Potential and Strongly Saline | % | High Selenium Mobilization Potential and Moderately Saline | % |
| Outlet Uncompahgre River | 140200060606 | 35,740.99 | 171.41 | 120.17 | 70.11% | 91.72 | 53.51% | 41.73 | 24.35% | 0 | 0.00% | 0 | 0.00% | 959.42 | 2.68% | 1927.76 | 5.39% | 0 | 0.00% | 0 | 0.00% |
| No Name | 140200050113 | 15,864.65 | 346.85 | 300.42 | 86.61% | 153.43 | 44.24% | 193.42 | 55.76% | 0 | 0.00% | 0 | 0.00% | 746.69 | 4.71% | 2556.98 | 16.12% | 0 | 0.00% | 0 | 0.00% |
| East Mesa | 140200060604 | 20,082.42 | 206.20 | 193.39 | 93.79% | 144.29 | 69.98% | 7.66 | 3.71% | 54.25 | 26.31% | 0 | 0.00% | 579.46 | 2.89% | 215.22 | 1.07% | 99.83 | 0.50% | 0 | 0.00% |
| Petrie Mesa-Gunnison River | 140200050501 | 32,929.50 | 126.95 | 126.95 | 100.00% | 105.45 | 83.06% | 21.49 | 16.93% | 0 | 0.00% | 0 | 0.00% | 490.65 | 1.49% | 1019.15 | 3.09% | 0 | 0.00% | 0 | 0.00% |
| Happy Canyon Creek | 140200060403 | 38,486.34 | 59.40 | 53.82 | 90.61% | 59.40 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 486.4 | 1.26% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Loutsenhizer Arroyo | 140200060605 | 22,775.45 | 114.72 | 90.94 | 79.27% | 27.90 | 24.32% | 86.81 | 75.67% | 0 | 0.00% | 0 | 0.00% | 425.12 | 1.87% | 2775.38 | 12.19% | 0 | 0.00% | 0 | 0.00% |
| Crawford Reservoir | 140200021204 | 10,306.81 | 45.81 | 45.82 | 100.02% | 45.81 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 308.59 | 2.99% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Montrose Arroyo | 140200060405 | 12,306.39 | 29.74 | 29.26 | 98.39% | 7.98 | 26.83% | 21.76 | 73.17% | 0 | 0.00% | 0 | 0.00% | 228.09 | 1.85% | 1074.03 | 8.73% | 0 | 0.00% | 0 | 0.00% |
| Lower Spring Creek | 140200060603 | 11,822.96 | 68.17 | 67.50 | 99.02% | 67.58 | 99.13% | 0.60 | 0.88% | 0 | 0.00% | 0 | 0.00% | 225.73 | 1.91% | 60.35 | 0.51% | 0 | 0.00% | 0 | 0.00% |
| Iron Creek | 140200021203 | 22,283.90 | 31.18 | 0.00 | 0.00% | 31.18 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 195.2 | 0.88% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Dry Gulch-Gunnison River | 140200050114 | 18,116.24 | 24.28 | 9.08 | 37.40% | 17.13 | 70.55% | 7.15 | 29.45% | 0 | 0.00% | 0 | 0.00% | 184.41 | 1.02% | 588.44 | 3.25% | 0 | 0.00% | 0 | 0.00% |
| Middle Smith Fork | 140200021205 | 21,594.45 | 4.84 | 0.71 | 14.67% | 4.84 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 149.91 | 0.69% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Dry Cedar Creek | 140200060402 | 15,776.23 | 63.82 | 30.73 | 48.15% | 19.40 | 30.40% | 44.42 | 69.60% | 0 | 0.00% | 0 | 0.00% | 149.77 | 0.95% | 723.51 | 4.59% | 0 | 0.00% | 0 | 0.00% |
| Cottonwood Creek | 140200040504 | 26,305.31 | 7.07 | 1.60 | 22.63% | 7.07 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 115.76 | 0.44% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Peach Valley | 140200050104 | 19,487.19 | 8.08 | 3.85 | 47.65% | 0.00 | 0.00% | 8.08 | 100.00% | 0 | 0.00% | 0 | 0.00% | 111.95 | 0.57% | 1590.27 | 8.16% | 0 | 0.00% | 0 | 0.00% |
| Outlet Cedar Creek | 140200060406 | 16,468.05 | 46.25 | 35.63 | 77.04% | 20.70 | 44.76% | 25.55 | 55.24% | 0 | 0.00% | 0 | 0.00% | 109.94 | 0.67% | 581.59 | 3.53% | 0 | 0.00% | 0 | 0.00% |
| Reynolds Creek-North Fork Gunnison River | 140200040503 | 26,524.97 | 11.45 | 11.45 | 100.00% | 11.45 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 106.49 | 0.40% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Lower Roubideau Creek | 140200050205 | 31,239.84 | 19.06 | 6.99 | 36.67% | 9.47 | 49.69% | 9.59 | 50.31% | 0 | 0.00% | 0 | 0.00% | 71.14 | 0.23% | 272.63 | 0.87% | 0 | 0.00% | 0 | 0.00% |
| City of Montrose-Uncompahgre River | 140200060407 | 9,004.51 | 40.10 | 38.25 | 95.39% | 26.73 | 66.66% | 13.37 | 33.34% | 0 | 0.00% | 0 | 0.00% | 44.67 | 0.50% | 268.56 | 2.98% | 0 | 0.00% | 0 | 0.00% |
| Lower Smith Fork-Gunnison River | 140200021206 | 35,874.01 | 0.13 | 0.00 | 0.00% | 0.13 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 27.9 | 0.08% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Muddy Creek | 140200021202 | 15,262.01 | 0.15 | 0.00 | 0.00% | 0.15 | 100.00% | 0.00 | 0.00% | 0 | 0.00% | 0 | 0.00% | 23.1 | 0.15% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |

NOTE: Irrigated acres values differ from those used in Selenium Tables due to limited spatial coverage of soil salinity (EC) information

Table 10: Combined Selenium and Salinity Mobilization Potential Ranked for the Top 14 Water Companies

| District | Total Acres | Irrigated Acres | Potentially Inefficient Irrigated Acres* | % Inefficient Irrigated | Irrigated Acres | | | | | | | | Total Acres | | | | | | | |
|--|-------------|-----------------|--|-------------------------|---|--------|---|--------|--|------|--|------|---|-------|---|-------|--|-------|--|-------|
| | | | | | Very High Selenium Mobilization Potential and Strongly Saline | % | Very High Selenium Mobilization Potential and Moderately Saline | % | High Selenium Mobilization Potential and Strongly Saline | % | High Selenium Mobilization Potential and Moderately Saline | % | Very High Selenium Mobilization Potential and Strongly Saline | % | Very High Selenium Mobilization Potential and Moderately Saline | % | High Selenium Mobilization Potential and Strongly Saline | % | High Selenium Mobilization Potential and Moderately Saline | % |
| | | | | | | | | | | | | | | | | | | | | |
| Tri-County ** | 42614.64 | 461.71 | 388.2 | 84.1% | 269.75 | 58.4% | 197.96 | 42.88% | 0.0 | 0.0% | 0 | 0.0% | 1601.72 | 3.76% | 3853.34 | 9.04% | 0 | 0.00% | 0 | 0.00% |
| Cathedral | 3461.06 | 57.84 | 29.7 | 51.3% | 57.54 | 99.5% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 215.42 | 6.22% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Deutsch Domestic | 3242.55 | 4.29 | 4.2 | 97.9% | 4.29 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 113 | 3.48% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Crowd Mesa Water | 16625.08 | 1.76 | 1.6 | 90.9% | 1.67 | 94.9% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 70.82 | 0.43% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Paonia Gunnison Valley Domestic Pipeline | 2057.7 | 5.6 | 5.6 | 100.0% | 5.6 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 62.22 | 3.02% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Lamborn Mesa | 298.47 | 2.42 | 2.42 | 100.0% | 2.42 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 19.86 | 6.65% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| South Lamborn Mesa | 250.56 | 2.62 | 2.62 | 100.0% | 2.62 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 12.3 | 4.91% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Fruitland Domestic Water | 11918.19 | 0.13 | 0 | 0.0% | 0.13 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 9.45 | 0.08% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Crawford | 706.76 | 1.6 | 0 | 0.0% | 1.6 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 6.79 | 0.96% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| East Green HS | 100.83 | 2.76 | 2.76 | 100.0% | 2.76 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 4.11 | 4.08% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Foothills Upper Surface Creek Domestic Water | 65.26 | 0.16 | 0.16 | 100.0% | 0.16 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 1.88 | 2.88% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Stewart | 23583.28 | 0 | 0 | n/a | 0 | n/a | 0 | n/a | 0.0 | n/a | 0 | n/a | 0.57 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| | 1066.17 | 0.05 | 0.05 | 100.0% | 0.05 | 100.0% | 0 | 0.00% | 0.0 | 0.0% | 0 | 0.0% | 0.42 | 0.04% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |

NOTE: Irrigated acres values differ from those used in Selenium Tables due to limited spatial coverage of soil salinity (EC) information