

# CCS Status Update

September 2022

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# September 2022 CCS Highlights To Date

Thirty-four mitigation transactions have been finalized using the CCS since inception of the program, conserving almost 29,000 acres for at least a 30-year term.

Thirteen mitigation transactions were finalized using the CCS so far in 2022. These account for more nearly 7,000 additional acres conserved over the long term.

The SETT visited six credit projects for Five Year Qualitative Assessments including East and West IL, Crawford Cattle Sonomas and Snowstorms, Heguy, and RDD. These visits were good to also meet with the proponent, answer any questions, and establish/maintain relationships. Visits also occurred to Adobe, Secret Pass, and Owl Creek ranches this spring/summer.

Several debit projects representing various industries gathered field data for quantification of debits this spring with some final submissions now going through the SETT's quality assurance process.

Other debit projects submitted shapefiles for preliminary desktop analyses and are likely to conduct field work in the spring or in some cases mitigate without field work.

# 2022 CCS UPDATES • CCS MITIGATION TRANSACTIONS

## CREDITS TRANSFERRED OR SOLD

| Credit Project               | Acres Conserved                     | Debit Project                        | Credits Transferred or Sold | WAFWA Mgmt Zone | Population Mgmt Unit       |
|------------------------------|-------------------------------------|--------------------------------------|-----------------------------|-----------------|----------------------------|
| Tumbling JR Ranch*           | 9,717                               | Bald Mountain Mine                   | 2,514                       | III             | Butte/Buck/WP, CGB, Ruby   |
| West IL Ranch*               | 6,279                               | Greater Phoenix Mine                 | 243                         | IV              | Owyhee                     |
| West IL Ranch*               | Acres Included in Other Transaction | Greater Phoenix Mine – Phil. Canyon  | 5                           | IV              | Owyhee                     |
| Crawford Cattle - Sonoma     | 1,498                               | Coeur Rochester Mine                 | 467                         | III             | Northwest Interior         |
| Crawford Cattle - Snowstorms | 1,313                               | Coeur Rochester Mine                 | 186                         | IV              | Owyhee                     |
| Crawford Cattle - Snowstorms | 1,033                               | Baltazor Geothermal                  | 292                         | IV              | Owyhee                     |
| Estill Ranch                 | 346                                 | Midas Exploration                    | 22                          | V               | Northwest Great Basin (NV) |
| Crawford Cattle - Snowstorms | 254                                 | Avocado Exploration                  | 44                          | IV              | Owyhee                     |
| Cottonwood Ranch             | 13                                  | Newcrest Exploration Phase I         | 3                           | IV              | Central Elko               |
| Heguy Ranch                  | 26                                  | Fish Springs Solar                   | 59                          | IV              | Central Elko               |
| Crawford Cattle - Snowstorms | Acres Included in other Transaction | Western Oil Exploration              | 5                           | IV              | Owyhee                     |
| Cottonwood Ranch             | 103                                 | Jerritt Canyon Exploration           | 45                          | IV              | Central Elko               |
| Cottonwood Ranch             | Acres Included in other Transaction | Snow Canyon Mine Closure             | 2                           | IV              | Central Elko               |
| West IL Ranch*               | Acres Included in other Transaction | Twin Creeks Mine - Sage Tailings     | 35                          | IV              | Owyhee                     |
| Crawford Cattle - Snowstorms | 1,332                               | Tungsten Mountain Solar              | 5                           | IV              | Owyhee                     |
| Crawford Cattle - Snowstorms | Acres Included in other Transaction | Dixie Meadows Geothermal             | 109                         | IV              | Owyhee                     |
| Heguy Ranch                  | Acres Included in other Transaction | South Railroad Exploration           | 9                           | IV              | Central Elko               |
| Heguy Ranch                  | Acres Included in other Transaction | Peterson Mountains Mine              | 1                           | IV              | Central Elko               |
| Secret Pass Ranch            | 226                                 | White Pine Hydro. Pump Exploration   | 9                           | III, IV         | Ruby                       |
| Secret Pass Ranch            | Acres Included in other Transaction | Cherry Creek Tower                   | 3                           | III, IV         | Ruby                       |
| Secret Pass Ranch            | Acres Included in other Transaction | Round Springs Tower                  | 3                           | III, IV         | Ruby                       |
| Heguy Ranch                  | Acres Included in other Transaction | Lincoln Hill Exploration             | 9                           | IV              | Central Elko               |
| Tumbling JR Ranch*           | Acres Included in other Transaction | Round Mountain Mine                  | 45                          | III             | Butte/Buck/WP, CGB, Ruby   |
| Cottonwood Ranch             | Acres Included in other Transaction | SW Energy Road                       | 13                          | IV              | Central Elko               |
| Mary's River Ranch           | 463                                 | Big Ledge - Dry Creek Mine Closure   | 310                         | IV              | Central Elko               |
| Estill Ranch                 | 1,901                               | Western Lithium Mine                 | 550                         | V               | Northwest Great Basin (NV) |
| Cottonwood Ranch             | Acres Included in other Transaction | Baker Ranch Powerline                | 1                           | IV              | Central Elko               |
| Heguy Ranch                  | 3,397                               | Gold Bar South Mine                  | 662                         | IV              | Central Elko               |
| Cottonwood Ranch             | 306                                 | Gold Bar South Mine                  | 127                         | IV              | Central Elko               |
| Secret Pass Ranch            | Acres Included in other Transaction | White Pine Hydro. Pump Exploration   | 6                           | III, IV         | Ruby                       |
| Tumbling JR Ranch*           | Acres Included in other Transaction | Bald Mountain Mine                   | 462                         | III             | Butte/Buck/WP, CGB, Ruby   |
| Owl Creek Ranch              | 631                                 | Robinson Mine                        | 201                         | III             | Ruby                       |
| Owl Creek Ranch              | Acres Included in other Transaction | Marigold - Valmy Mine                | 59                          | III             | Ruby                       |
| Owl Creek Ranch              | Acres Included in other Transaction | Great Basin Diamond 1-27 APD Explor. | 5                           | III             | Ruby                       |
| <b>TOTAL</b>                 | <b>28,838</b>                       | -                                    | <b>6,511</b>                | -               | -                          |

\* Indicates the transfers were internal rather than across parties.

# 2022 CCS UPDATES • AVAILABLE & ANTICIPATED CREDITS

## CREDITS AVAILABLE FOR SALE OR TRANSFER

| Credit Project                      | Acres               | Credits Available | WAFWA Mgmt Zone | Population Mgmt Unit                            |
|-------------------------------------|---------------------|-------------------|-----------------|---|
| <b>Tumbling JR Ranch*</b>           | All Acres Conserved | 1,143             | III             | Butte/Buck/WP, Diamond, South Fork, Ruby Valley |
| <b>Coleman Valley Ranch</b>         | 1,137               | 341               | V               | Vya   |
| <b>Cottonwood Ranch</b>             | 685                 | 638               | IV              | O'Neil Basin                                    |
| <b>West IL Ranch*</b>               | All Acres Conserved | 2,609             | IV              | Desert  |
| <b>Heguy Ranch</b>                  | 3,067               | 26                | IV              | North Fork                                      |
| <b>Crawford Cattle - Snowstorms</b> | 6,598               | 1,234             | IV              | Santa Rosa, Tuscarora                           |
| <b>Estill Ranch</b>                 | 804                 | 68                | V               | Massacre  |
| <b>RDD</b>                          | 1,094               | 740               | V               | Black Rock, Pine Forest                         |
| <b>Eureka Livestock</b>             | 1,623               | 1,718             | III             | Three Bar                                       |
| <b>Adobe Peak*</b>                  | 10,901              | 3,618             | IV              | North Fork                                      |
| <b>Humboldt Ranch - Hot Lake*</b>   | 198                 | 694               | IV              | Tuscarora                                       |
| <b>East IL Ranch*</b>               | 23,721              | 8,873             | IV              | Desert, Tuscarora                               |
| <b>Secret Pass Ranch</b>            | 10,043              | 3,621             | III, IV         | South Fork, Ruby Valley                         |
| <b>Owl Creek Ranch</b>              | 4,732               | 2,664             | III             | South Fork                                      |
| <b>Foster Ranch</b>                 | 6,170               | 1,624             | V               | Black Rock, Pine Forest                         |
| <b>Mary's River Ranch</b>           | 2,236               | 1,441             | IV              | O'Neil Basin                                    |
| <b>TOTAL</b>                        | <b>73,009</b>       | <b>31,052</b>     | -               | -   |

\* Indicates credit projects planned for internal transfers.

If a credit project that has mitigation transactions is also shown above, additional credits remain available for sale or transfer.

# 2022 CCS UPDATES • AVAILABLE & ANTICIPATED CREDITS (CONT.)

## CREDITS ANTICIPATED FOR SALE OR TRANSFER

| Credit Project                           | Acres         | Credits Anticipated* | WAFWA Mgmt Zone | Population Mgmt Unit    |
|--|---------------|----------------------|-----------------|-------------------------|
| Eureka Livestock                         | -             | 24                   | III             | Three Bar               |
| East IL Ranch*                           | -             | 23                   | IV              | Desert, Tuscarora       |
| Cave Valley Ranch                        | 1,769         | 548                  | III             | Steptoe/Cave            |
| Washoe Livestock                         | 799           | 179                  | V               | Buffalo/Skedaddle       |
| Humboldt Ranch – Toejam*                 | 5,330         | 1,941                | IV              | Tuscarora               |
| Calico Mountain                          | 5,120         | 2,970                | IV              | Santa Rosa              |
| Getch                                    | 6,229         | 1,641                | IV              | Santa Rosa              |
| Little High Rock                         | 322           | 64                   | V               | Massacre                |
| Pole Canyon Ranch                        | 2,068         | 382                  | IV              | Ruby Valley, South Fork |
| Fish Creek Ranch                         | 1,780         | 1,648                | III             | Diamond                 |
| <b>TOTAL</b>                             | <b>21,637</b> | <b>9,373</b>         | -               | -                       |
| <b>AVAILABLE &amp; ANTICIPATED TOTAL</b> | <b>94,646</b> | <b>40,425</b>        | -               | -                       |

\* Indicates credit projects intended for internal transfers.

\*\* Estimated at this time.

Hyphens under acres indicate not the addition of acres, but soon-to-be completed uplift projects and the estimated additional credits from those actions.

# 2022 CCS UPDATES • STATUS OF UNMITIGATED DEBIT PROJECTS

## DEBITS OUTSTANDING/ANTICIPATED

| Debit Project Name                             | Total Estimated Debits<br>(Term + Permanent) | County                        | Acres Direct Impact | WAFWA Mgmt Zone | Population Mgmt Unit                                    |
|--|--|-------------------------------|---------------------|-----------------|---|
| Bald Mountain Mine                             | 2,356  | White Pine                    | 5,734               | III             | Butte/Buck/WP, South Fork, Ruby Valley                  |
| Western Lithium Mine                           | 875  | Humboldt                      | 5,169               | V               | Lone Willow   |
| Long Canyon Mine- Phase 2                      | 1,676  | Elko                          | 815                 | III, IV         | East Valley, Ruby Valley                                |
| Lone Tree Mine - Buffalo Mountain              | 675  | Humboldt                      | 284                 | III             | Sonoma  |
| Gibellini Mine                                 | 1,932  | Eureka, Nye, White Pine       | 328                 | III             | Diamond, Monitor  |
| Goldrush Mine                                  | 2,197  | Eureka, Lander                | 1,341               | III             | Cortez, Shoshone, 3Bar                                  |
| Pony Creek Exploration                         | 131  | Elko                          | 150                 | III             | South Fork  |
| Relief Canyon Mine                             | 33   | Pershing                      | 0                   | III             | Humboldt  |
| Carlin Vanadium Exploration                    | 71   | Elko                          | 85                  | III             | South Fork  |
| National Exploration                           | 28   | Humboldt                      | 40                  | IV              | Santa Rosa  |
| TSPP Pipeline                                  | 4  | Elko, Eureka                  | 1                   | IV              | Tuscarora   |
| Jerritt Canyon Exploration                     | 39   | Elko                          | 384                 | IV              | Tuscarora, North Fork                                   |
| Ruby Vista Road                                | 1  | Elko                          | 2                   | III             | South Fork  |
| South Railroad Exploration                     | 61   | Elko                          | 122                 | III             | South Fork  |
| Dixie Meadows Geothermal                       | -65  | Pershing, Lander              | 10                  | III             | Clan Alpine, Fish Creek, Sonoma                         |
| Prospect Mine - Gullsil Expansion              | 31   | Eureka                        | 28                  | III             | Diamond   |
| Rossi Mine                                     | 410  | Elko                          | 1,094               | IV              | Tuscarora   |
| Gold Bar South Mine                            | 1,372  | Eureka                        | 210                 | III             | 3Bar  |
| Juniper Mine Expansion                         | 863  | Elko, White Pine              | 2,300               | III             | Butte/Buck/WP, Ruby Valley, South Fork                  |
| Marigold - Valmy Mine                          | 285  | Humboldt, Lander              | 542                 | III             | Battle Mountain   |
| White Pine Hydropower Pump Storage             | 295  | White Pine                    | 860                 | III             | Butte/Buck/WP, Schell/Antelope                          |
| Selena Exploration                             | 39   | White Pine                    | 100                 | III             | Butte/Buck/WP   |
| Hog Ranch Mine                                 | 6,050  | Washoe                        | 456                 | V               | Massacre  |
| Goldrush Exploration                           | 27   | Eureka, Lander                | 210                 | III             | Cortez, Shoshone, 3Bar                                  |
| Crescent Valley Exploration                    | 13   | Eureka                        | 28                  | III             | Cortez  |
| Greenlink North Powerline                      | 4,466  | Churchill, White Pine, Eureka | 599                 | III             | Clan Alpine, Desatoya, Reese River, 3Bar, Butte/Buck/WP |
| NGM – Ore Railway                              | 4,867  | Eureka, Lander, Elko          | 1,754               | III, IV         | Shoshone, Cortez, North Fork, Tuscarora                 |
| Beck Cottonwood Powerline                      | 21   | Eureka                        | 1                   | III             | Diamond   |
| Limo Butte Exploration                         | 44   | White Pine                    | 300                 | III             | Butte/Buck/WP   |
| McGinness Hills Optimization - Solar & Explor. | 23   | Lander                        | 235                 | III             | Toiyabe   |
| Pilot Peak                                     | 92   | Elko                          | 228                 | III/IV          | East Valley, Ruby Valley                                |
| Green Springs Exploration                      | 97   | White Pine                    | 137                 | III             | Butte/Buck/WP   |
| <b>TOTAL</b>                                   | <b>~29,009</b>                               | <b>-</b>                      | <b>23,547</b>       | <b>-</b>        | <b>-</b>  |

If a debit project is shown that has already had mitigation transactions, it has additional mitigation phases or offsets planned.