

Nevada Sagebrush Ecosystem Program

Conservation Credit System
Projects Update

October 22, 2025

Presented by
Sagebrush Ecosystem Technical Team



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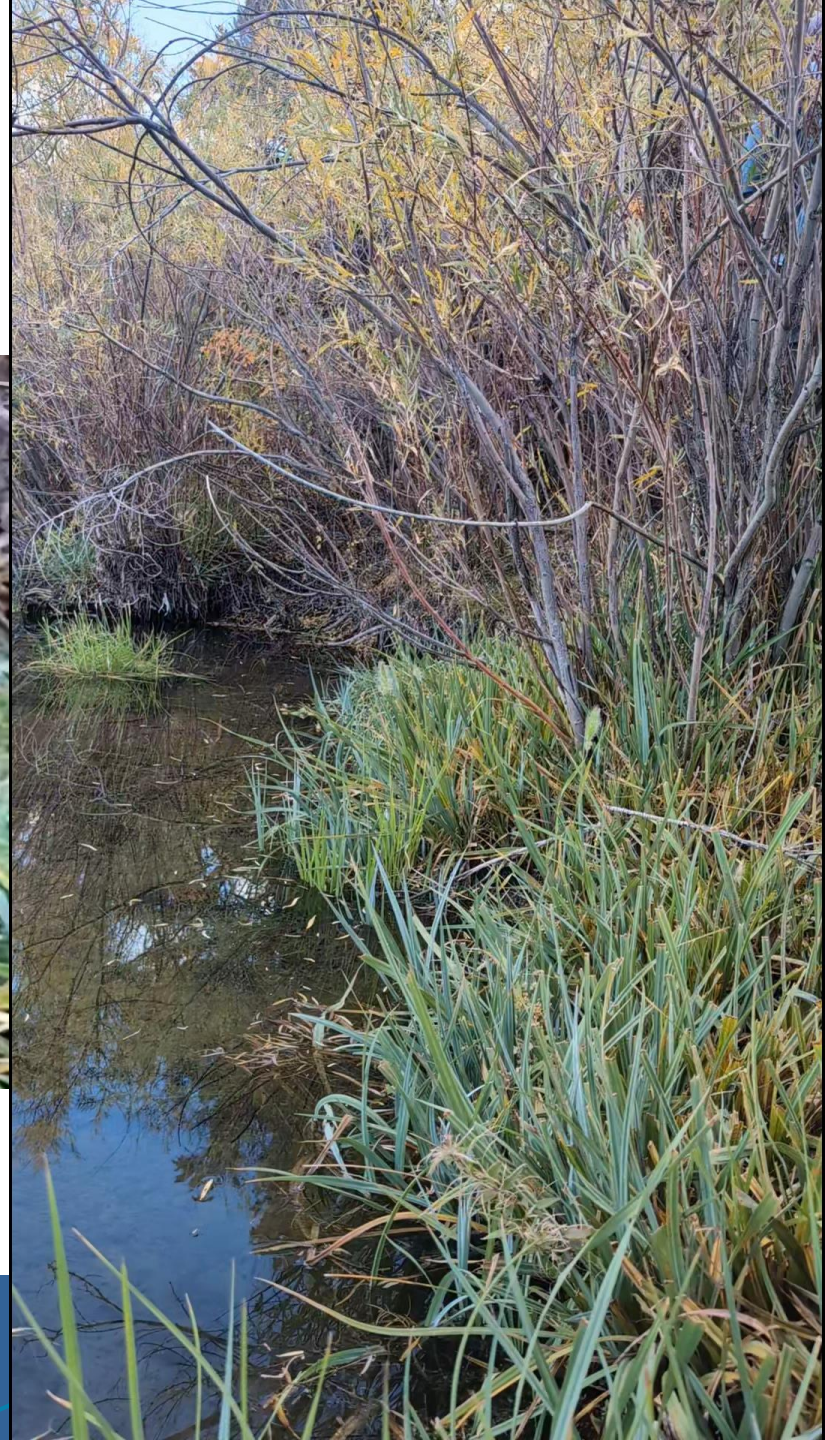


Highlights

- 83 mitigation transactions have been finalized using the CCS since inception of the program, conserving approximately 44,700 acres for at least a 30-year term. Sixteen transactions have been finalized in 2025.
- The SETT has completed several post-field QAs, and is awaiting remaining post-field submissions (due on or before Oct 31st), for projects that completed field work during the 2025 season.
- The SETT has held several meetings with the National Forest Foundation (NFF) and Nevada Division of Forestry's (NDF's) Tonopah resource group to begin collaborating on restoration projects for public lands, private lands, and enrolled credit projects.
- Five beavers were reintroduced onto a credit project proponent's property with NDOW assistance.



Photos and Video provided by Mackenzie Jeffress (NDOW)



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2025 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/White Pine, Diamond, South Fork, Ruby Valley
West IL Ranch	6,279	Greater Phoenix Mine	243	IV	
West IL Ranch	Acres Included in other Transaction	Greater Phoenix Mine - Philadelphia Canyon	5	IV	Desert
Crawford Cattle – Sonoma	1,498	Coeur Rochester Mine	467	III	Sonoma
Crawford Cattle – Snowstorms	1,313	Coeur Rochester Mine	186	IV	Santa Rosa, Tuscarora
Crawford Cattle – Snowstorms	1,033	Baltazor Geothermal	292	IV	Santa Rosa, Tuscarora
Estill Ranch	346	Midas Exploration	22	V	Massacre
Crawford Cattle – Snowstorms	254	Avocado Exploration	44	IV	Santa Rosa, Tuscarora
Cottonwood Ranch	13	Newcrest Exploration Phase I	3	IV	O'Neil Basin
Heguy Ranch	26	Fish Springs Solar	59	IV	North Fork
Crawford Cattle – Snowstorms	Acres Included in other Transaction	Western Oil Exploration	5	IV	Santa Rosa, Tuscarora
Cottonwood Ranch	103	Jerritt Canyon Exploration	45	IV	O'Neil Basin
Cottonwood Ranch	Acres Included in other Transaction	Snow Canyon Mine Closure	2	IV	O'Neil Basin
West IL Ranch	Acres Included in other Transaction	Twin Creeks Mine - Sage Tailings	35	IV	Desert
Crawford Cattle – Snowstorms	1,332	Tungsten Mountain Solar	5	IV	Santa Rosa, Tuscarora
Crawford Cattle – Snowstorms	Acres Included in other Transaction	Dixie Meadows Geothermal	102	IV	Santa Rosa, Tuscarora
Heguy Ranch	Acres Included in other Transaction	South Railroad Exploration	9	IV	North Fork
Heguy Ranch	Acres Included in other Transaction	Peterson Mountains Mine	1	IV	North Fork
Secret Pass Ranch	226	White Pine Hydropower Pump Exploration	9	III, IV	South Fork, Ruby Valley
Secret Pass Ranch	Acres Included in other Transaction	Cherry Creek Telecommunications Tower	3	III, IV	South Fork, Ruby Valley
Secret Pass Ranch	Acres Included in other Transaction	Round Springs Telecommunications Tower	3	III, IV	South Fork, Ruby Valley
Heguy Ranch	Acres Included in other Transaction	Lincoln Hill Exploration	9	IV	North Fork
Tumbling JR Ranch	Acres Included in other Transaction	Round Mountain Mine	45	III	Butte/Buck/White Pine, Diamond, South Fork, Ruby Valley
Cottonwood Ranch	Acres Included in other Transaction	SW Energy Road	13	IV	
Mary's River Ranch	463	Big Ledge - Dry Creek Mine Closure	310	IV	O'Neil Basin
PAGE TOTAL	22,603	-	4,431	-	-

* Indicates credit projects planned for internal transfers.



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Credit Project	Acres Conserved	Debit Project	Credits Transferred or Sold	WAFWA Mgmt Zone	Population Mgmt Unit
Estill Ranch	1,901	Thacker Pass Mine	550	V	Massacre
Cottonwood Ranch	Acres Included in other Transaction	Baker Ranch Powerline	1	IV	O'Neil Basin
Heguy Ranch	3,397	Gold Bar South Mine	662	IV	North Fork
Heguy Ranch	Acres Included in other Transaction	South Railroad Exploration	24	IV	North Fork
Heguy Ranch	Acres Included in other Transaction	Beehive Telephone Fiber Optic LROW	2	IV	North Fork
Cottonwood Ranch	306	Gold Bar South Mine	127	IV	O'Neil Basin
Secret Pass Ranch	Acres Included in other Transaction	White Pine Hydropower Pump Exploration	6	III, IV	South Fork, Ruby Valley Butte/Buck/White Pine, Diamond, South Fork, Ruby Valley
Tumbling JR Ranch	Acres Included in other Transaction	Bald Mountain Mine	462	III	South Fork
Owl Creek Ranch	631	Robinson North Tripp Mine	201	III	South Fork
Owl Creek Ranch	Acres Included in other Transaction	Marigold - Valmy Mine	59	III	South Fork
Owl Creek Ranch	Acres Included in other Transaction	Great Basin Diamond 1-27 APD Exploration	5	III	South Fork
Crawford Cattle – Snowstorms	Acres Included in other Transaction	Crescent Valley Geothermal Exploration	5	IV	Santa Rosa, Tuscarora
West IL Ranch	Acres Included in other Transaction	Robertson Exploration One	7	IV	Desert
West IL Ranch	Acres Included in other Transaction	Goldrush Mine	2,037	IV	Desert
West IL Ranch	Acres Included in other Transaction	Goldrush Exploration	26	IV	Desert
East IL Ranch	486	Goldrush Mine	601	IV	Desert, Tuscarora
Owl Creek Ranch	607	Marigold - Valmy Mine	332	III	South Fork
Owl Creek Ranch	Acres Included in other Transaction	Green Springs Exploration	13	III	South Fork
Owl Creek Ranch	Acres Included in other Transaction	Golden Lake Exploration	6	III	South Fork
Owl Creek Ranch	Acres Included in other Transaction	Prospect Mine - Gullsil Expansion	12	III	South Fork
Owl Creek Ranch	Acres Included in other Transaction	North Peak Exploration	1	III	South Fork
Zunino Ranch	338	Reno to Las Vegas Fiber Optic LROW	24	III	South Fork
Zunino Ranch	Acres Included in other Transaction	Murdock Mountain Phosphate Exploration	1	III	South Fork
Mary's River Ranch	Acres Included in other Transaction	Big Ledge - Dry Creek Mine Closure	2	IV	O'Neil Basin
Mary's River Ranch	Acres Included in other Transaction	Big Ledge - Dry Creek Mine Closure	3	IV	O'Neil Basin
PAGE TOTAL	7,666	-	5,169	-	-

* Indicates credit projects planned for internal transfers.



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2025 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
Owl Creek Ranch	Acres Included in other Transaction	Dodge Flat II Solar	1	III	South Fork
Zunino Ranch	Included in other Transaction	Pony Creek Exploration	44	III	South Fork
Tumbling JR Ranch	Included in other Transaction	Bald Mountain Mine	1,143	III	Butte/Buck/White Pine, Diamond, South Fork, Ruby Valley
Adobe Peak	4,175	Bald Mountain Mine	93	IV	North Fork
Owl Creek Ranch	Included in other Transaction	Ruth Water Pipeline LROW	2	III	South Fork
Crawford Cattle – Snowstorms	Included in other Transaction	Whirlwind Geothermal Exploration	2	IV	Santa Rosa, Tuscarora
Zunino Ranch	Included in other Transaction	North Ranch Tower	207	III	South Fork
Cottonwood Ranch	Included in other Transaction	Argus Mineral Exploration	1	IV	O'Neil Basin
Adobe Peak	Included in other Transaction	Juniper Mine Expansion	480	IV	North Fork
Zunino Ranch	Included in other Transaction	Jackpot to Wells Fiber Optic LROW	47	III	South Fork
Cottonwood Ranch	Included in other Transaction	Jerritt Canyon Exploration	14	IV	O'Neil Basin
Adobe Peak	Included in other Transaction	Juniper Mine Expansion	539	IV	North Fork
East IL Ranch	Included in other Transaction	Robertson Mine	15	IV	Desert, Tuscarora
East IL Ranch	5,855	Robertson Mine	758	IV	Desert, Tuscarora
East IL Ranch	237	Robertson Mine Exploration	41	IV	Desert, Tuscarora
East IL Ranch	Acres Included in other Transaction	Robertson Mine	29	IV	Desert, Tuscarora
Secret Pass Ranch	293	Cedar Gate to Halligan Mesa LROW	32	III, IV	South Fork, Ruby Valley
Secret Pass Ranch	Acres Included in other Transaction	Wildcat Exploration	24	III, IV	South Fork, Ruby Valley
Secret Pass Ranch	Acres Included in other Transaction	Robinson Wind LiDAR Exploration	5	III, IV	South Fork, Ruby Valley
Secret Pass Ranch	Acres Included in other Transaction	Robinson Solar Exploration	4	III, IV	South Fork, Ruby Valley
Cottonwood Ranch	Acres Included in other Transaction	Duckwater Fiber LROW	7	IV	O'Neil Basin
Mary's River Ranch	Acres Included in other Transaction	Thacker Pass Mine	1,050	IV	O'Neil Basin
Crawford Cattle - Snowstorms	Acres Included in other Transaction	Limo Butte Exploration	10	IV	Santa Rosa, Tuscarora
Halstead Forsgren Ranch	17	Selena Exploration	29	III	Quinn, Butte/Buck/White Pine
Mary's River Ranch	671	South Railroad Exploration	25	IV	O'Neil Basin
Owl Creek Ranch	Acres Included in other Transaction	Outland Road	1	III	South Fork
PAGE TOTAL	11,247	-	4,603	-	-

* Indicates credit projects planned for internal transfers.



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2025 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
Zunino Ranch	Acres Included in other Transaction	Carlin Vanadium Exploration	5	III	South Fork
Owl Creek Ranch	1,872	Spring Valley Mine	493	III	South Fork
Owl Creek Ranch		Spring Valley Mine	524	III	South Fork
Estill Ranch	Acres Included in other Transaction	Hog Mountain Exploration	30	V	Massacre
		McGinness Hills Opt Solar & Geothermal			
Crawford Cattle - Snowstorms	1,004	Exploration	14	IV	Santa Rosa, Tuscarora
Crawford Cattle - Snowstorms	285	Zito Fiber Optic Humboldt LROW	23	IV	Santa Rosa, Tuscarora
		Northern Nevada Lithium Exploration			
Cottonwood Ranch	Acres Included in other Transaction	(Surge)	51	IV	O'Neil Basin
PAGE TOTAL	3,161	-	1,140	-	-
TOTAL TRANSFERRED OR SOLD	44,678	-	15,343	-	-

* Indicates credit projects planned for internal transfers.



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2025 CCS UPDATES • AVAILABLE & ANTICIPATED CREDITS

CREDITS AVAILABLE FOR SALE OR TRANSFER

Credit Project	Credits Available	Acres	WAFWA Mgmt Zone	Population Mgmt Unit
Cottonwood Ranch	565	685	IV	O'Neil Basin
West IL Ranch*	539	All Acres Conserved	IV	Desert
Crawford Cattle – Snowstorms	1,187	5,309	IV	Santa Rosa, Tuscarora
Estill Ranch	38	804	V	Massacre
Eureka Livestock	1,742	1,623	III	Three Bar
Adobe Peak*	2,506	6,726	IV	North Fork
Humboldt Ranch - Hot Lake*	694	198	IV	Tuscarora
Washoe Livestock	171	797	V	Buffalo/Skedaddle
Humboldt Ranch - Toe Jam*	1,923	5,334	IV	Tuscarora
East IL Ranch*	7,429	17,143	IV	Desert, Tuscarora
Secret Pass Ranch	3,556	9,750	III, IV	South Fork, Ruby Valley
Calico Mountain	3,255	5,120	IV	Santa Rosa
Owl Creek Ranch	1,279	2,253	III	South Fork
Foster Ranch	1,624	6,170	V	Black Rock
Little High Rock	56	322	V	Massacre
Pole Canyon Ranch	435	2,070	IV	Ruby Valley, South Fork
Mary's River Ranch	361	1,565	IV	O'Neil Basin
Zunino Ranch	2,766	2,879	III	South Fork
Mary's River Ranch 2	30,476	53,666	IV	O'Neil Basin
Uhart Ranch	804	693	IV	O'Neil Basin
Halstead Forsgren Ranch	428	2,420	III	Quinn, Butte/Buck/White Pine
RDD Ranch	740	1,099	V	Pine Forest, Black Rock
Barnes Home	956	690	III	South Fork
Barnes Huntington	520	484	III	South Fork
Barnes Smith	983	912	III	South Fork
TOTAL	65,033	128,713	-	-

* 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.



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2025 CCS UPDATES • AVAILABLE & ANTICIPATED CREDITS

CREDITS ANTICIPATED FOR SALE OR TRANSFER

Credit Project	Credits Anticipated**	Acres	WAFWA Mgmt Zone	Population Mgmt Unit
East IL Ranch*	TBD	23,721	IV	Desert, Tuscarora
Saval Ranch	TBD	7,661	IV	North Fork
Memory Ranches	TBD	10,755	IV	Ruby Valley, South Fork
Boies Ranch	TBD	11,671	IV	Snake, O'Neil Basin
Fish Creek Ranch	TBD	1,180	III	Diamond
TOTAL	5,492	54,988	-	-
AVAILABLE & ANTICIPATED TOTAL	70,525	183,701	-	-

* 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.

2025 CCS UPDATES • STATUS OF UNMITIGATED DEBIT PROJECTS

DEBITS OUTSTANDING/ANTICIPATED

Debit Project Name	Total Estimated Term Debits	County	Acres Direct Impact	WAFWA Mgmt Zone	Population Mgmt Unit
Bald Mountain Mine	1,132	White Pine	5,734	III	Butte/Buck/White Pine, South Fork, Ruby Valley
Long Canyon Mine- Phase 2	1,676	Elko	815	III, IV	East Valley, Ruby Valley
Spring Valley Mine	2,206	Pershing	2,324	III	Humboldt
Gibellini Mine	1,961	Eureka, Nye, White Pine	328	III	Diamond, Monitor
Robertson Mine	1,316	Lander	2,643	III	Shoshone
National Exploration	28	Humboldt	37	IV	Santa Rosa
Ruby Vista Road	2	Elko	2	III	South Fork
Prospect Mine - Gullsil Expansion	20	Eureka	28	III	Diamond
Rossi Mine	286	Elko	427	IV	Tuscarora
South Railroad Mine	TBD	Eureka, Elko	1,173	III	Cortez, South Fork
Gold Bar South Mine	1,372	Eureka	210	III	Three Bar
Juniper Mine Expansion	1	Elko, White Pine	2,300	III	Butte/Buck/White Pine, Ruby Valley, South Fork, Diamond
Selena Exploration	99	White Pine	200	III	Butte/Buck/White Pine
Greenlink North Powerline	10,854	Churchill, White Pine, Eureka	12,164	III	Clan Alpine, Desatoya, Reese River, Three Bar, Butte/Buck/White Pine
NGM Ore Railroad	2,926	Eureka, Lander, Elko	1,755	III, IV	Shoshone, Cortez, North Fork, South Fork, Tuscarora
Cross-Tie Powerline	TBD	White Pine	2,912	III	Butte/Buck/White Pine, Steptoe/Cave, Schell/Antelope, Spring/Snake Valley
Mountain View Exploration	30	Washoe	395	V	Massacre, Buffalo/Skedaddle
Green Springs Exploration	62	White Pine	137	III	Butte/Buck/White Pine
Hog Mountain Exploration	60	Washoe	187	V	Massacre
Crescent Valley Geothermal	TBD	Eureka, Lander	112	III	Shoshone, Cortez
NW Deeps Mine Expansion	TBD	Eureka, Lander	156	III	Shoshone, Cortez
Wildcat Exploration	128	Pershing	400	III	Majuba 3
Dodge Flat II Solar Exploration	1	Washoe	9	V	Virginia/Pahrah
PAGE TOTAL	24,160	-	34,447	-	-

If a debit project is shown that has already had mitigation transactions, it has additional mitigation phases or offsets planned.
Permanent debits are not shown above.



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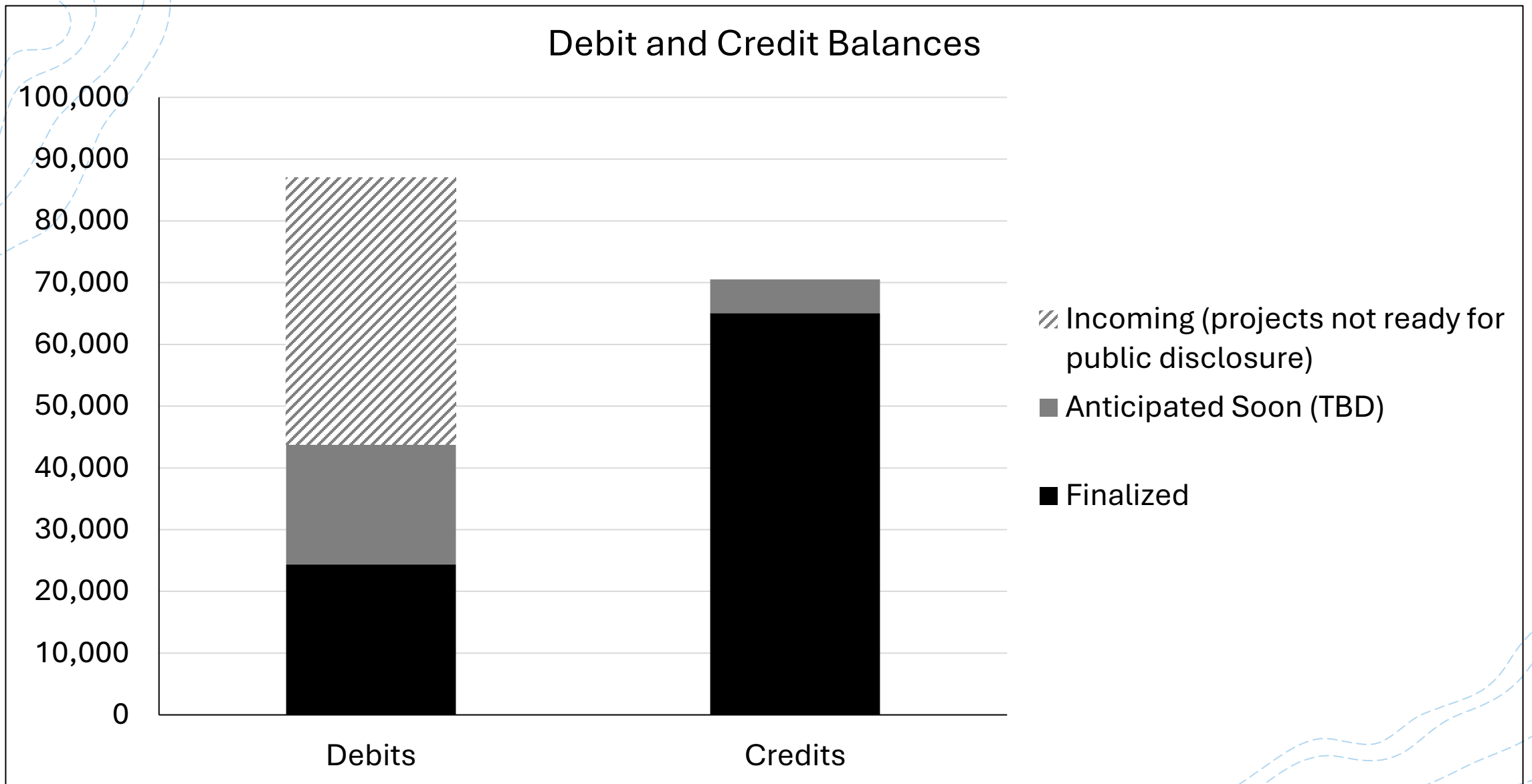
2025 CCS UPDATES • STATUS OF UNMITIGATED DEBIT PROJECTS

DEBITS OUTSTANDING/ANTICIPATED

Debit Project Name	Total Estimated Term Debits	County	Acres Direct Impact	WAFWA Mgmt Zone	Population Mgmt Unit
Coyote Mine Expansion	38	Elko	10	IV	Tuscarora, North Fork
Robinson Summit Substation Expansion Powerline	170	White Pine	55	III	Butte/Buck/White Pine
Middle Mile Fiber Interstate 80 LROW	11	Washoe, Storey, Churchill	2	III, IV, V	Virginia/Pahrah, Sonoma, Tuscarora, Shoshone, Cortez
New York Canyon Transmission	1	Pershing	0	III	Humboldt
Muncy Creek Drilling Exploration	4	White Pine	5	III	Schell/Antelope
PAGE TOTAL	224	-	72	-	-
UNMITIGATED TOTAL	24,384		34,519		

- There are currently more credits than unmitigated debits in the Conservation Credit System
- An additional 19,379 debits are expected to be generated by the listed projects with 'TBD' as debit amount
- Currently several projects working with the CCS, that are not yet ready for public disclosure, that will add an additional estimated 43,228 debits to the system (however, timing of finalization is unknown)

If a debit project is shown that has already had mitigation transactions, it has additional mitigation phases or offsets planned.
Permanent debits are not shown above.





Thank You

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