

2021 Season Report





WELCOME

What we will be presenting

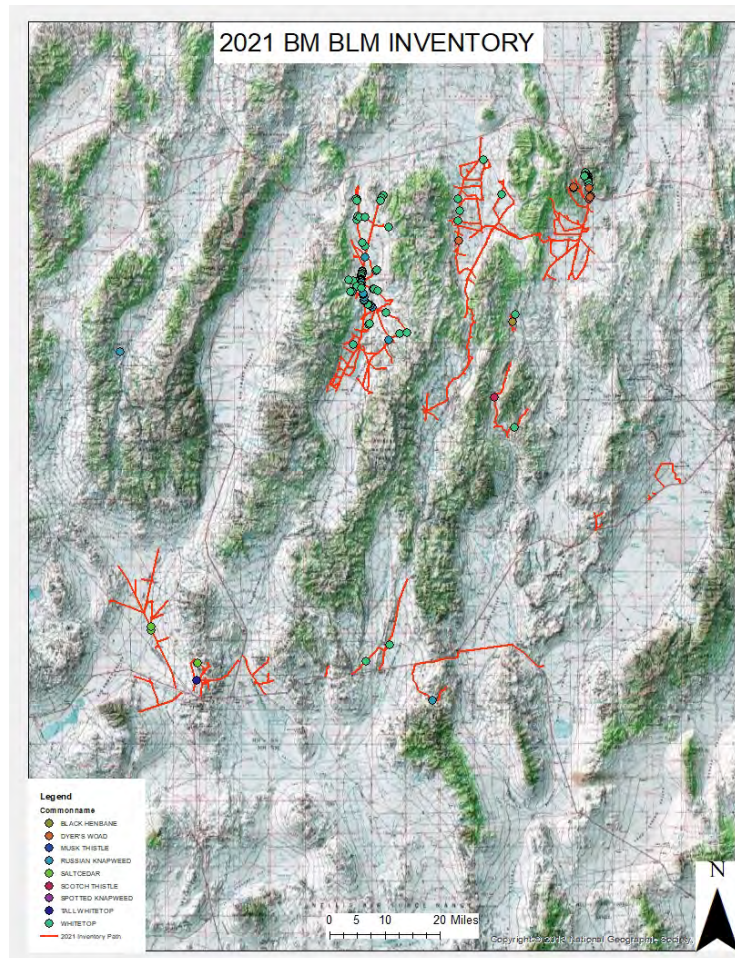
- Outreach and Education
- Inventory
- Treatments
- 2022 Outlook

Outreach and **Education**

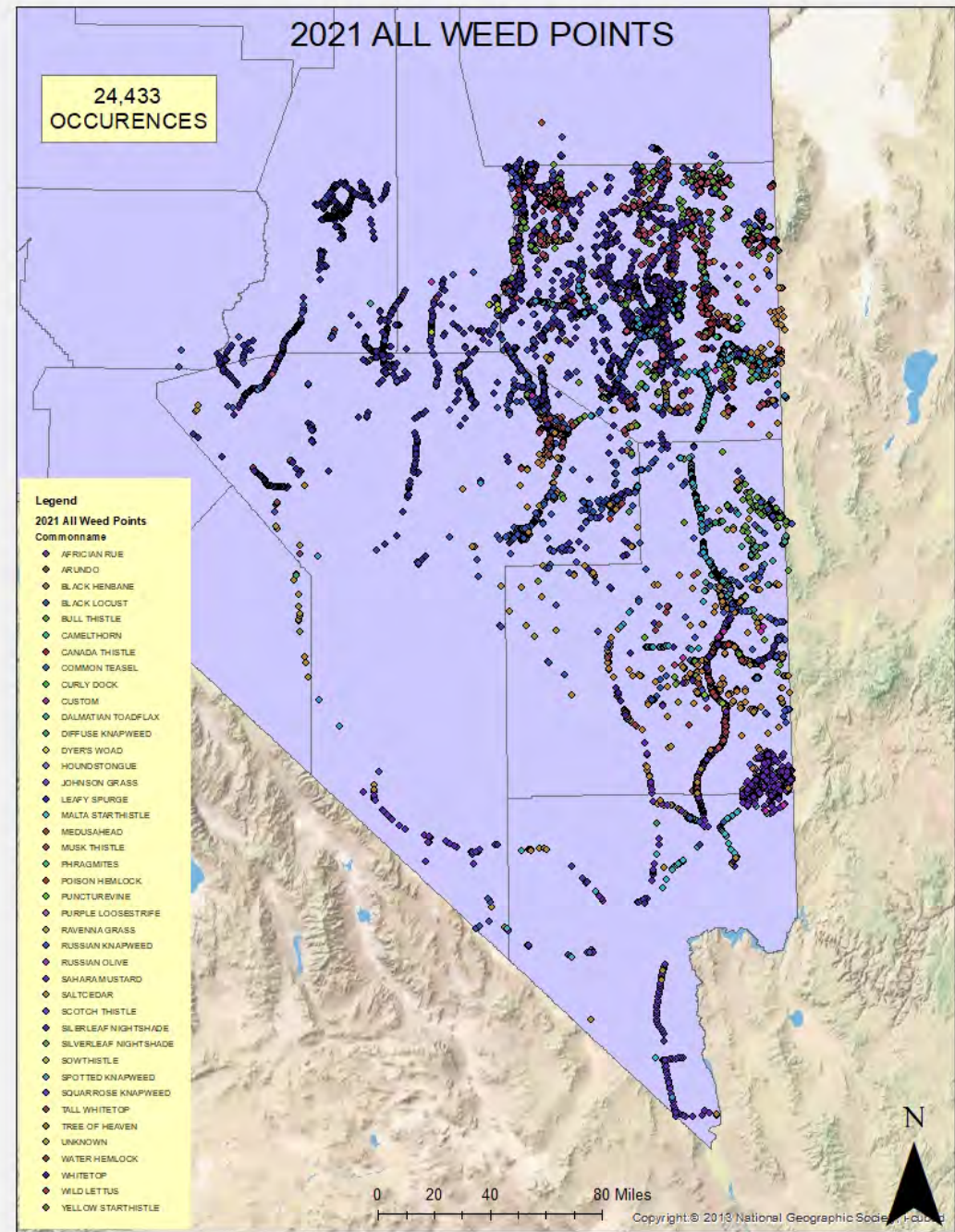
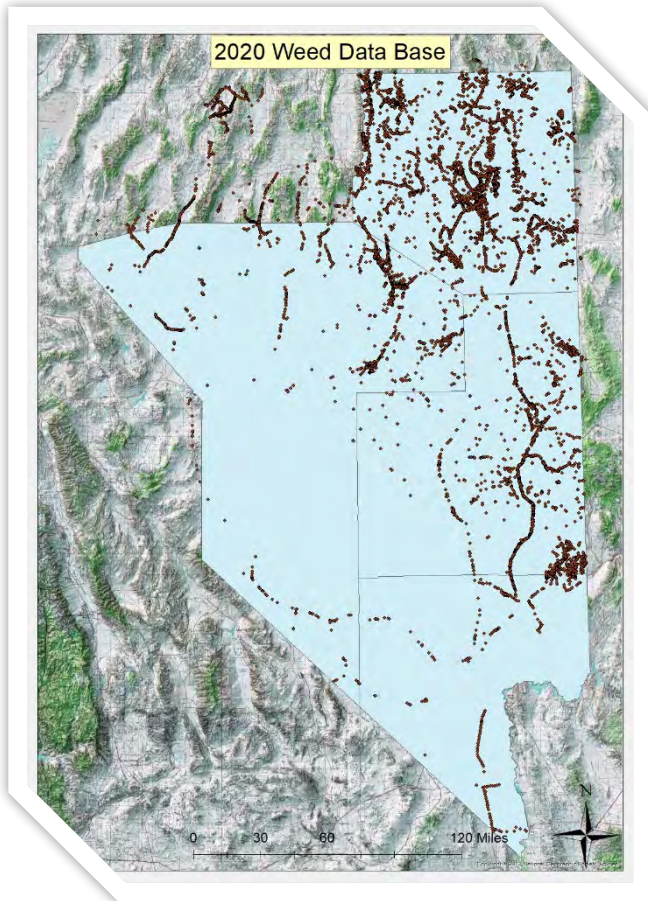
- 27.0 man hours dedicated
- Met with numerous landowners and managers regarding noxious and nuisance weeds
- Identified numerous plants for local residents, both at their properties and in the office.
- Provided information material to landowners in regards to sprayer calibration.
- Attended: MSHA and Mine Sites Training

Inventory/Survey

- 618 acres was inventoried for the NV Division of Forestry
- 32,981 acres was inventoried for Battle Mountain BLM



Weed Database to Date



As of 2021- 24,433
Occurrences Identified

Treatments



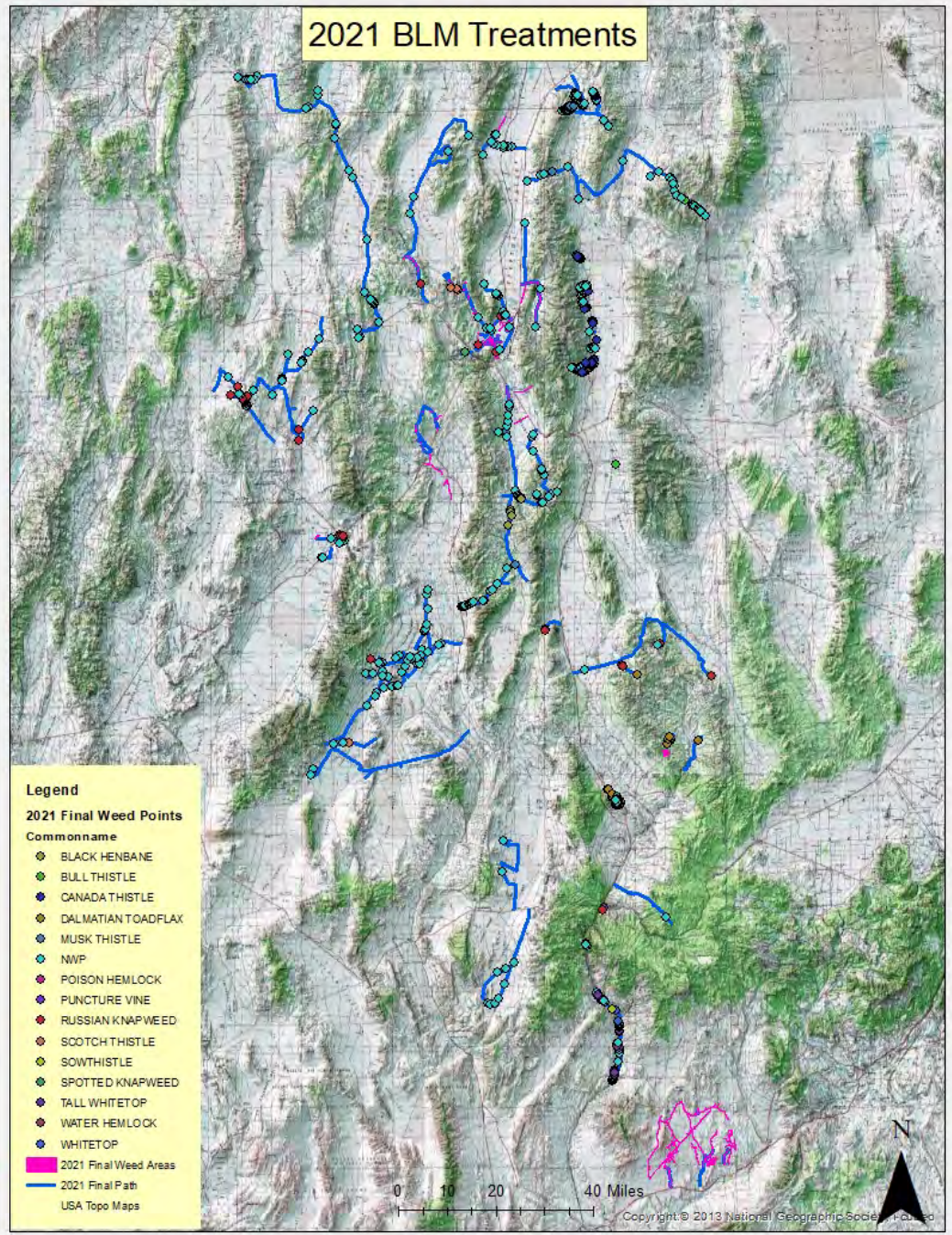
2021 AGENCY TREATMENTS



- The spray crew consisting of four full time. 2021 season began February 6, 2021 & completed on December 10, 2021

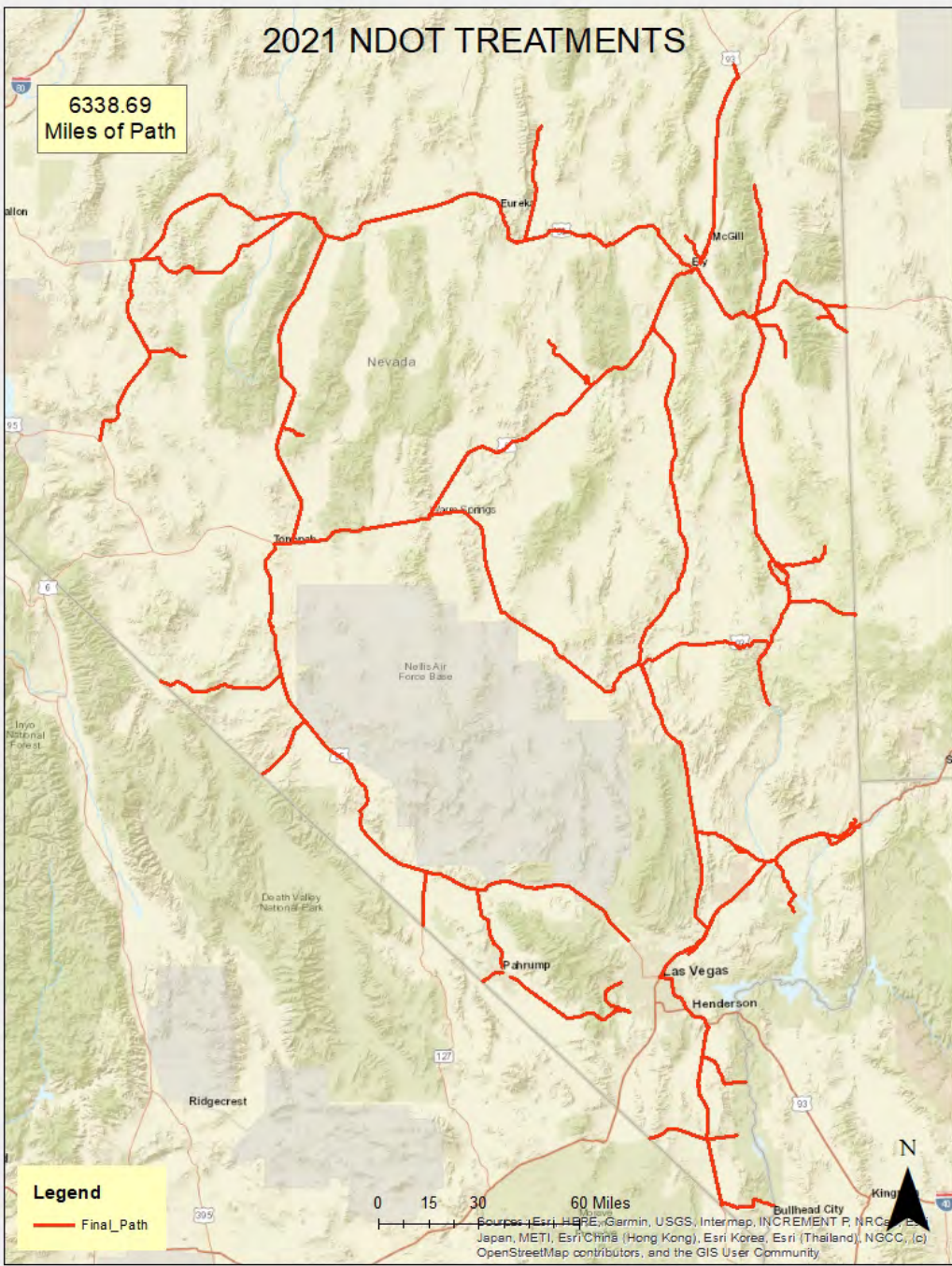
Bureau of Land Management

2021 BLM Treatments



- 1,317.6 miles of recorded spray path
- 47,912.73 gross acres
- 3,765.18 actual acres treated for 2021
- 1,088.5 man hours logged
- Revenue \$187,423.72

Nevada Department of Transportation



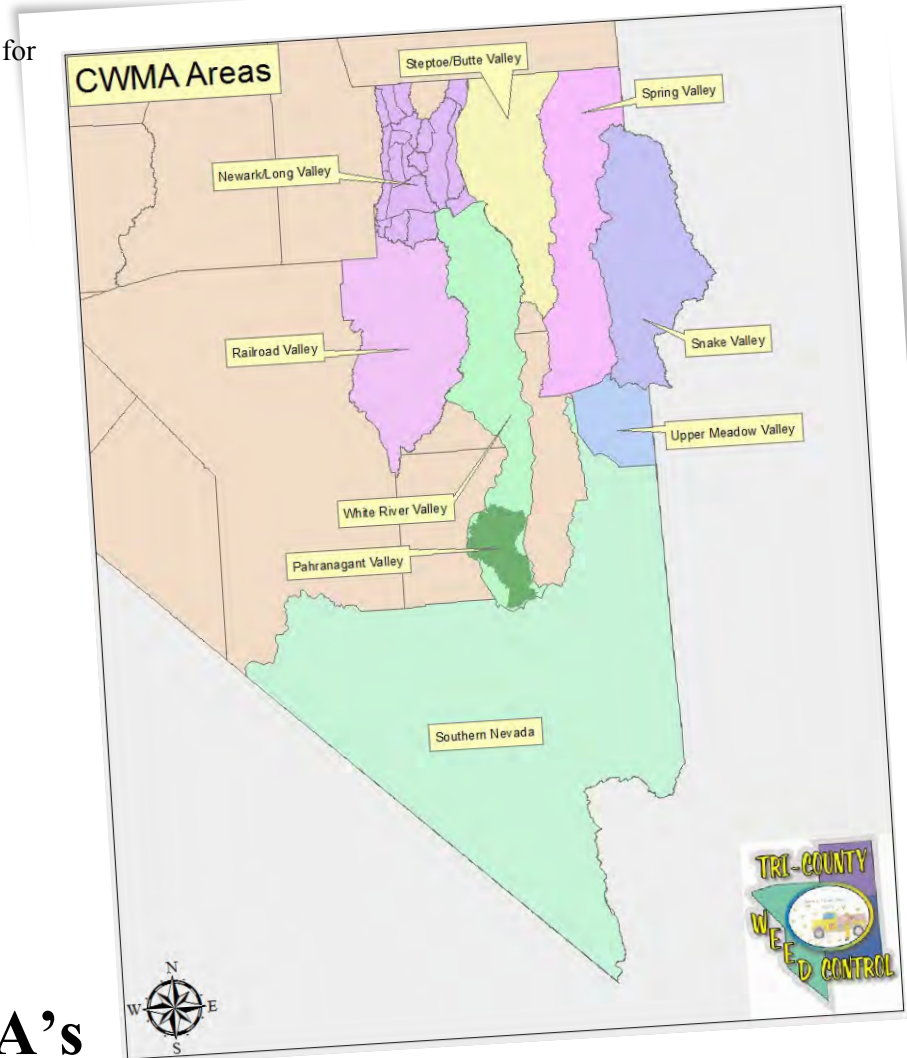
- 6,338.69 miles of recorded spray path
- 230,497.82 gross acres
- 893.25 actual acres treated
- 797 man hours logged
- Revenue \$129,041.04

Eastern Nevada Landscape Coalition

Cooperative Weed Management Areas

Locations

	Locations	Total signed up for Grant
1.	Newark/Long Valley	9
2.	Pahranagat Valley	43
3.	Railroad Valley	15
4.	Snake Valley	27
5.	Southern Nevada	45
6.	Spring Valley	24
7.	Steptoe-Butte Valley	265
8.	Upper Meadow Valley	19
9.	White River Valley	55



ENLC fiscally manages and attains the grant for the CWMA's

Newark/Long Valley CWMA

- 1 land owners utilized grant
- 7.45 acres of treatment
- Land owner portion of \$ 401.96
- CWMA portion \$ 700.00
- Target species: musk thistle, scotch thistle



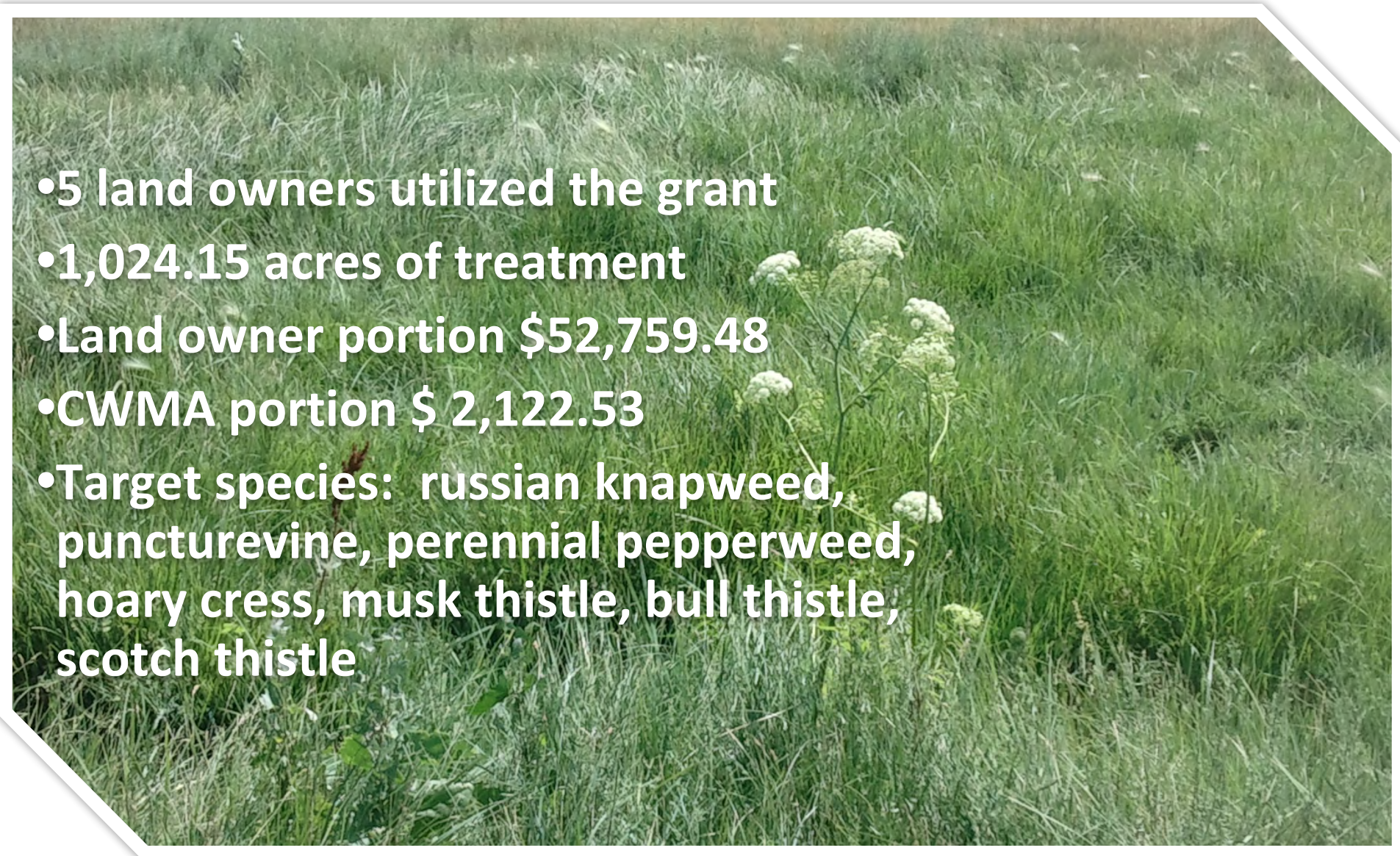
Pahranagat Valley CWMA



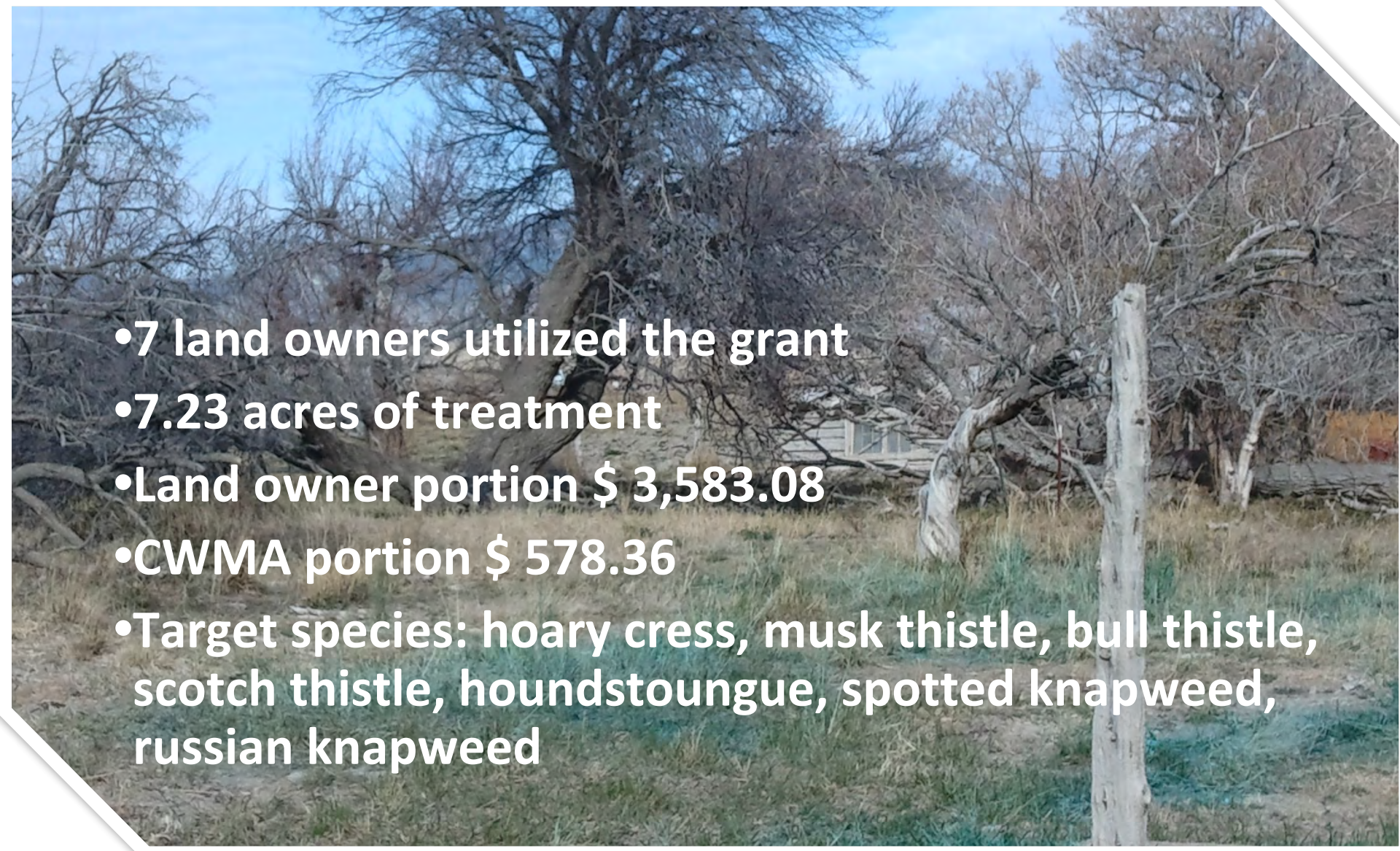
- 43 land owners utilized grant
- Land owner portion of \$ 411.20
- CWMA portion \$ 1,999.81
- Herbicide sales only

Railroad Valley CWMA


- 5 land owners utilized the grant
- 1,024.15 acres of treatment
- Land owner portion \$52,759.48
- CWMA portion \$ 2,122.53
- Target species: russian knapweed, puncturevine, perennial pepperweed, hoary cress, musk thistle, bull thistle, scotch thistle



Snake Valley CWMA

- 
- A photograph of a rural landscape with bare trees and a wooden fence. The trees are mostly without leaves, suggesting a late autumn or winter setting. A wooden fence post is visible in the foreground on the right. The ground is covered with dry grass and some green patches. In the background, a wooden building is partially visible through the trees.
- 7 land owners utilized the grant
 - 7.23 acres of treatment
 - Land owner portion \$ 3,583.08
 - CWMA portion \$ 578.36
 - Target species: hoary cress, musk thistle, bull thistle, scotch thistle, houndstoungue, spotted knapweed, russian knapweed

Spring Valley CWMA

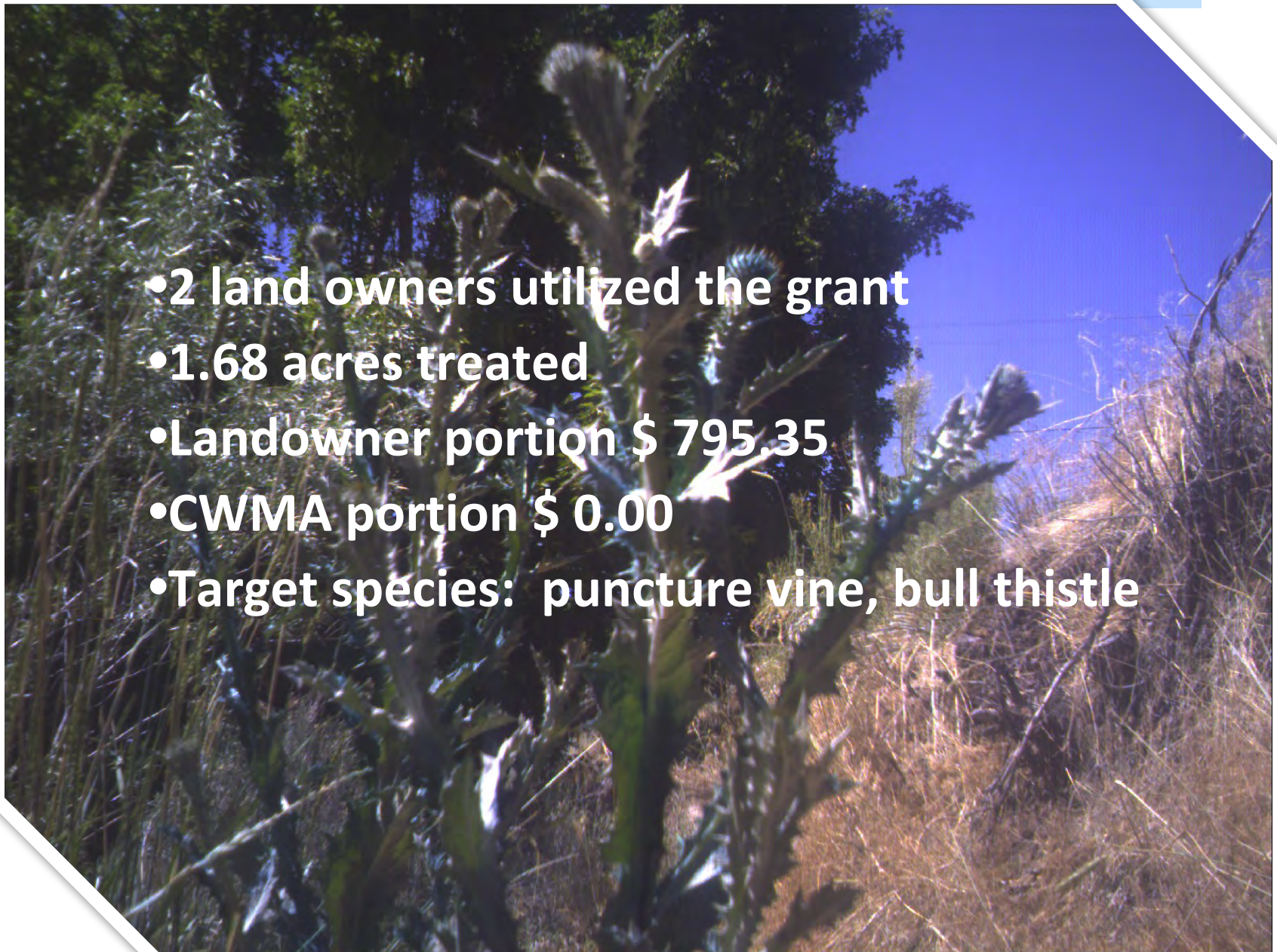
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- 8 land owners utilized the grant
 - 86.4 acres treated
 - Land owner portion \$ 2,085.64
 - CWMA portion \$ 2,565.51
 - Target species: wild iris, rabbit brush
 - Herbicide purchase by 6 land owners

Steptoe-Butte Valley CWMA

- 171 land owners utilized the grant
- 202.64 acres treated
- Landowner portion \$ 3,950.07
- CWMA portion \$ 41,213.95
- Target species: spotted knapweed, russian thistle, hoary cress, puncturevine, musk thistle, houndstongue, diffuse knapweed, dandelion, curlycup gumweed, rabbit brush, white horehound, kochia, scotch thistle, spurge, poison hemlock, crabgrass, curly dock, perennial pepperweed, bur buttercup, canada thistle, halogeton, salt cedar, fox tail, bittersweet nightshade

Upper Meadow Valley CWMA

- 2 land owners utilized the grant
- 1.68 acres treated
- Landowner portion \$ 795.35
- CWMA portion \$ 0.00
- Target species: puncture vine, bull thistle



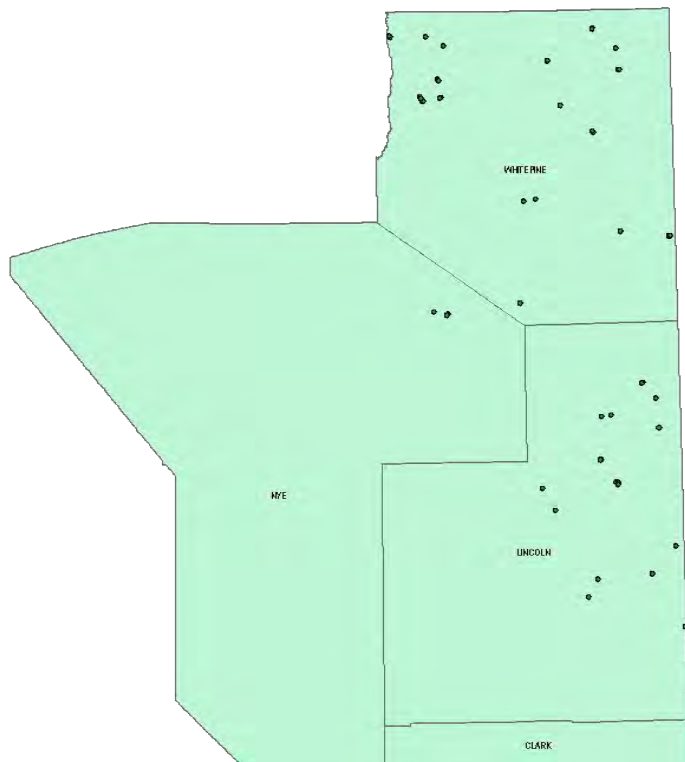
White River Valley CWMA



- 21 land owners utilized the grant
- 25.89 acres treated
- Landowner portion \$ 1,236.09
- CWMA portion \$ 9,242.69
- Target species: halogeton, russian thistle, scotch thistle, hoary cress, spotted knapweed, curly dock, cockle bur
- Herbicide purchase

2021 Tri-County Areas

Treatments for other entities and land owners that were outside the CWMA areas



Lincoln County –

☐ 5.06 acres \$ 1,120.18

Nye County –

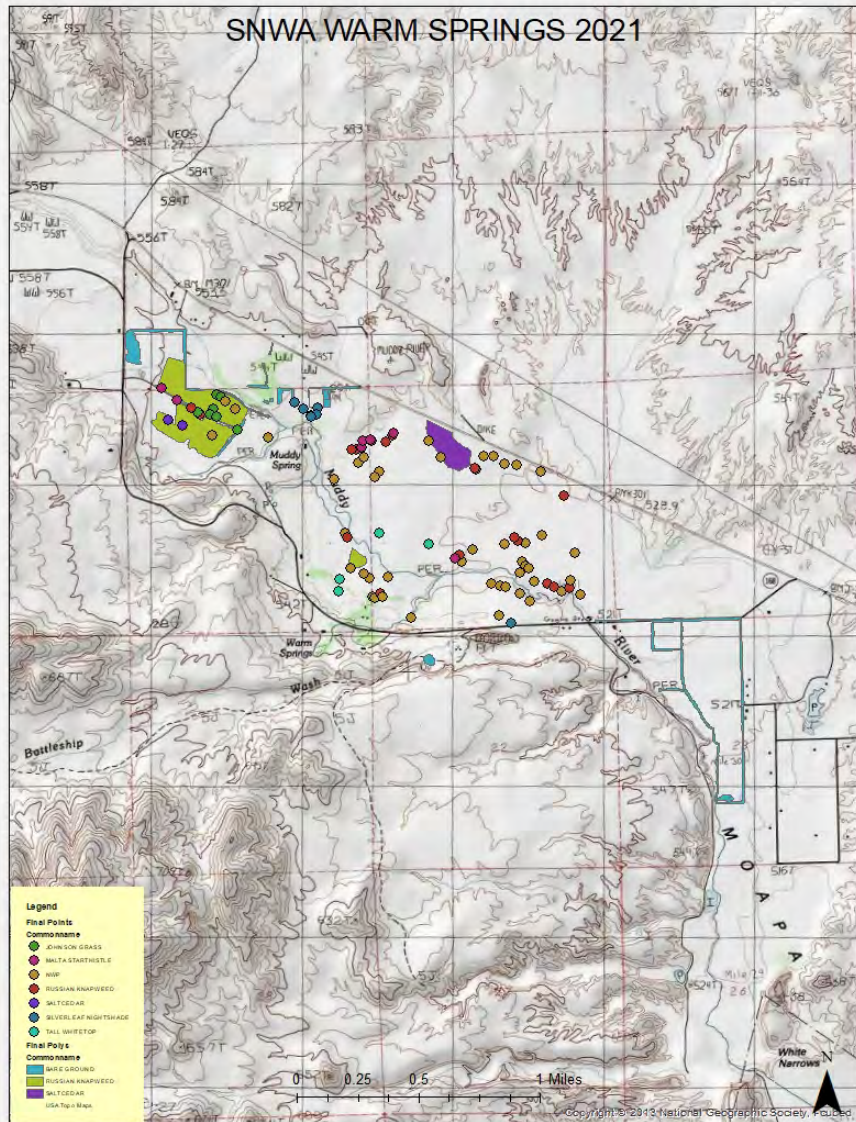
☐ 28.32 acres \$ 13,495.37

White Pine County –

☐ 8.69 acres \$ 3,166.34

☐ Herbicide sales \$ 22,725.18

Southern Nevada Water Authority



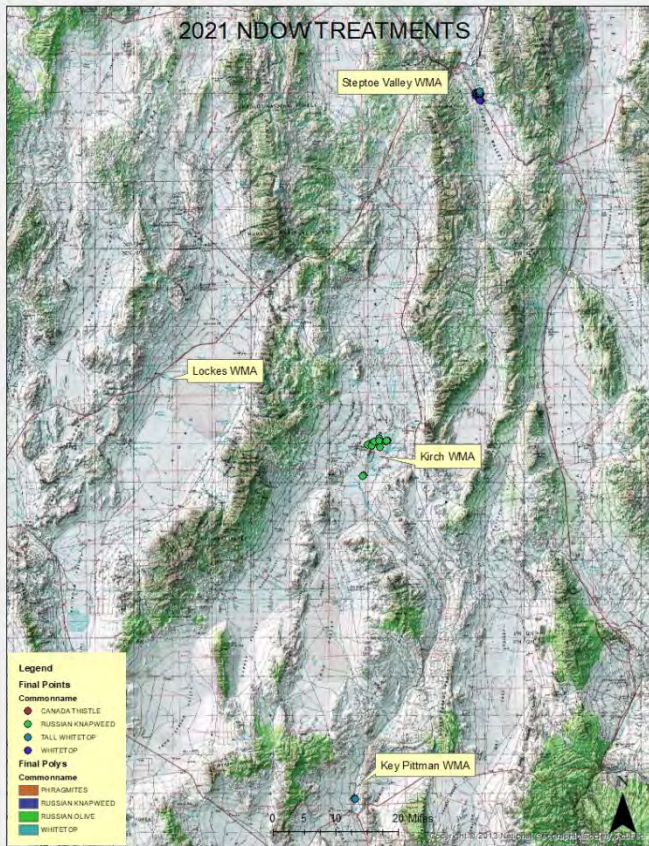
- 128.16 acres of treatment
- 196.0 man hours logged
- Species treated: bareground, russian knapweed, silverleaf nightshade, johnsongrass, russian thistle, perennial pepperweed
- Revenue \$ 31,394.81



Nevada Department of Wildlife



2021 NDOW TREATMENTS



- 372.91 acres treated in 3 counties:

- Nye

Lockes – 24.43 acres – russian olive

Kirch Wildlife Refuge – 93.79 acres – russian knapweed

- White Pine

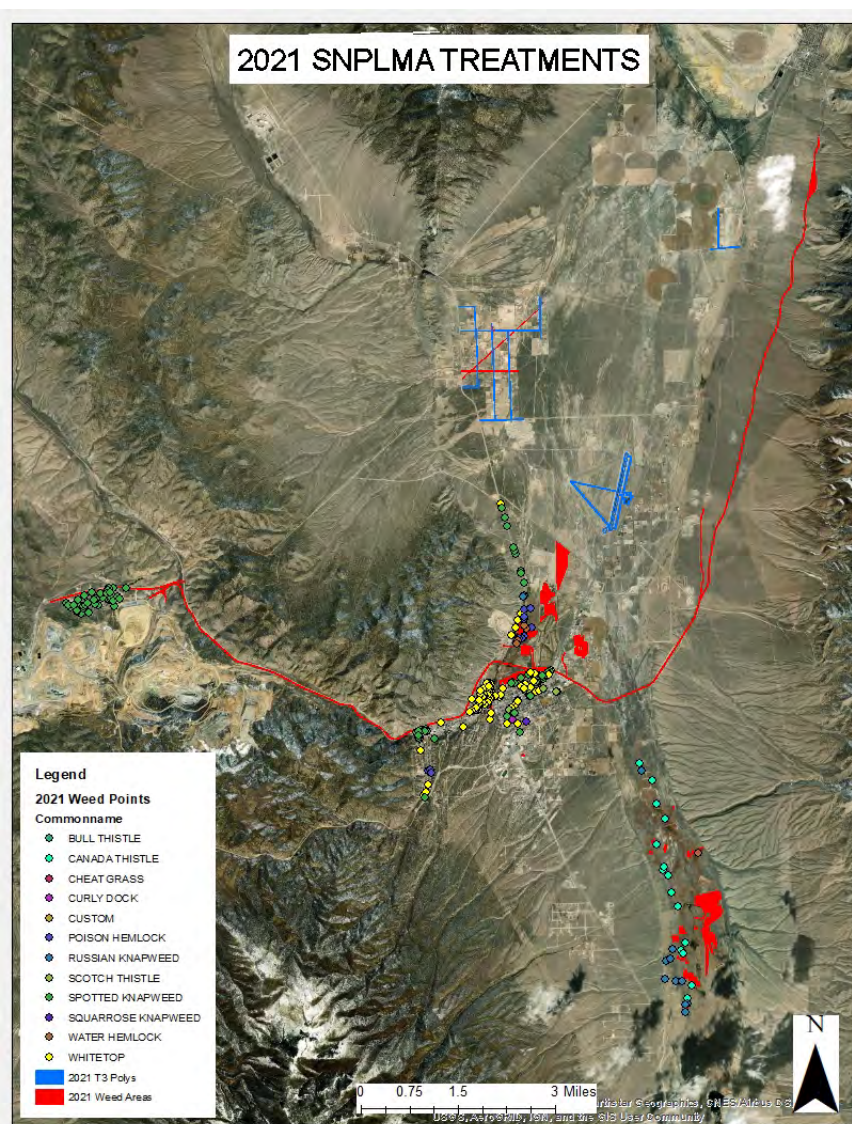
CCC Ranch – 205.32 acres - hoary cress, canada thistle, perennial pepperweed

- Lincoln

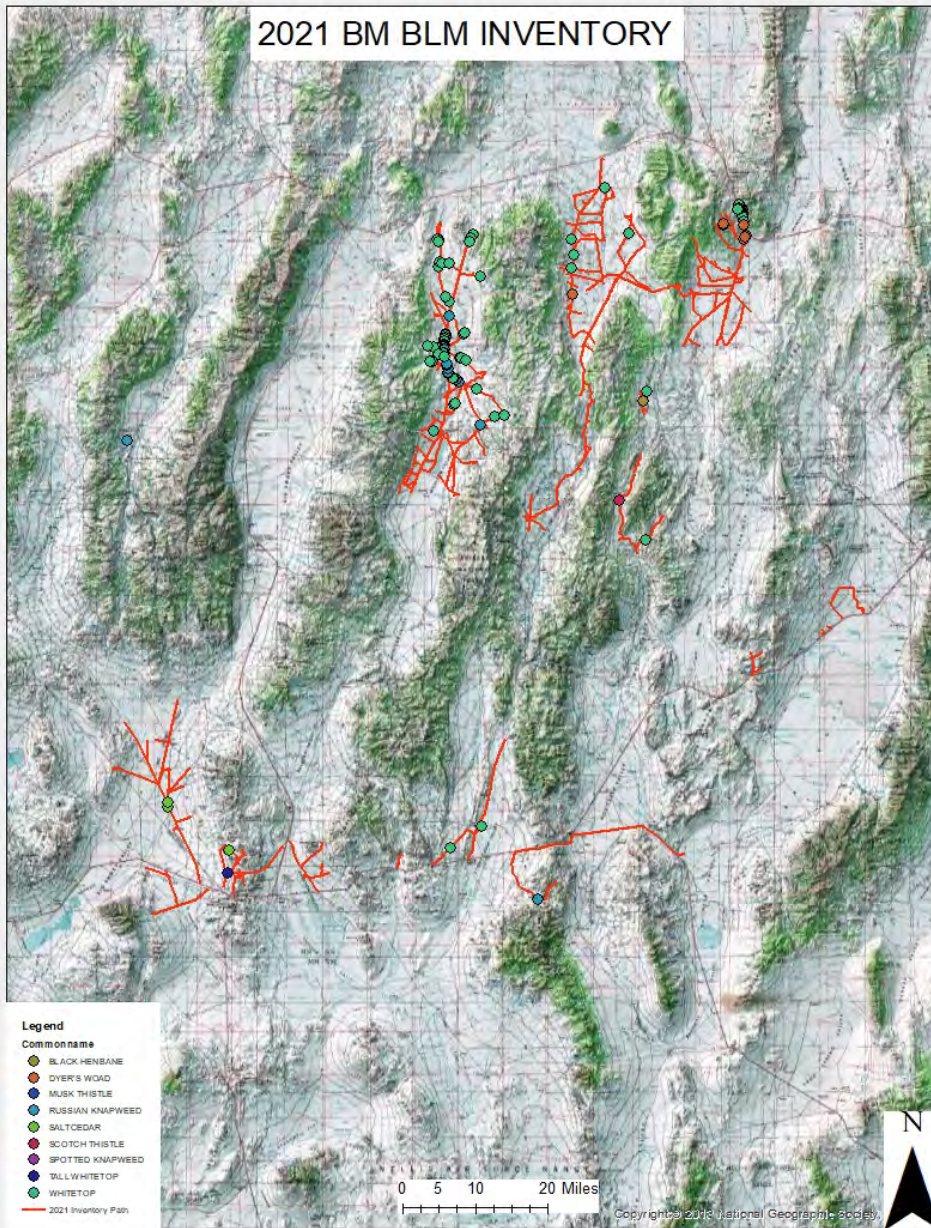
Key Pittman – 49.37 acres – phragmites, hoary cress, perennial pepperweed, scotch thistle

2021 USDA Forest Service - SNPLMA Grant

- Cost share grant of 80% Forest Service & member share of 20%
- 2021 used \$45,818.13
- Member share \$ 9,275.52
- 559.43 acres treated
- Provided service to 8 entities
- Species treated: hoary cress, spotted knapweed, puncturevine, russian thistle, blue mustard, bur buttercup, grease wood, sage brush, curlycup gumweed, rabbit brush, white horehound, poison hemlock, scotch thistle, curly dock, russian knapweed, perennial pepperweed, bull thistle, canada thistle



2021 Other Jobs



Battle Mountain BLM

- Revenue of \$ 46,490.83
- 362.91 Acres
- Species Treated: hoary cress, perennial pepperweed, spotted knapweed, scotch thistle, salt cedar, russian knapweed

2021 Other Jobs



Mining - Kinross

- Revenue of \$ 42,585.57
- 130.0 Acres
- Species Treated: hoary cress, houndstoungue, musk thistle, canada thistle, scotch thistle, perennial pepperweed, bull thistle, spotted knapweed

Total Funding for ENLC

		Acreage	Private Landowner	CWMA's
Eastern Nevada Landscape Coalition Grant				
1	Newark/Long Valley CWMA	7.45	401.96	700.00
2	Pahrnagat Valley CWMA	-	411.20	1,999.81
3	Rail Road Valley CWMA	1,024.15	52,759.48	2,122.53
4	Snake Valley CWMA	7.23	578.36	3,583.08
5	Southern Nevada CWMA	-	-	-
6	Spring Valley CWMA	86.36	2,389.52	2,565.51
7	Steptoe-Butte Valley CWMA	202.64	3,950.07	41,213.95
8	Upper Meadow Valley CWMA	1.68	795.35	-
9	White River Valley CWMA	25.89	1,236.09	9,242.69
	Subtotal CWMA's	1,355.40	\$ 62,522.03	\$ 61,427.57

Total of other Revenue

		Private Landowner/ State & Federal Agencies	Other Grant
Lincoln County	5.06	1,120.18	-
Nye County	28.32	13,495.37	-
White Pine County	8.69	25,891.52	-
Eureka County	3.55	674.78	
Tonopah Conservation District	1.59	405.00	135.00
Bureau of Land Management	3,765.18	187,423.72	-
Southern Nevada Water Authority	128.16	31,394.81	-
Nevada Department of Transportation	893.25	129,041.04	-
Nevada Department of Wildlife	372.91	26,405.36	
USDA Forest Service	559.43	45,818.13	-
USDA Grant Member Share		9,275.52	
Others	868.27	146,993.86	-
Miscellaneous income		1,173.01	-
Inventory Jobs		17,580.00	-
Subtotal	6,634.41	636,692.30	135.00

2021 TCWC Total Income

	Acres	Private Landowner/ State	ENLC Grant
Total covered by ENLC	1,355.40		\$ 61,427.57
Total Private Landowners	47.21	113,384.40	
Total State and Federal Agencies	6,587.20	567,211.92	
Total Miscellaneous		18,753.01	
	7,989.81	699,349.33	61,427.57

2022 OUTLOOK

Projected Income	
BLM	250,000.00
CWMAs	40,000.00
TCD	73,600.00
Private Spray Jobs	50,000.00
SNPLMA Grant	200,000.00
NDOT	151,750.00
Great Basin Water Co.	20,000.00
SNWA	50,000.00
Kinross	70,000.00
Total	905,350.00

A photograph of a backyard. In the foreground, a large, dense bush of yellow flowers, possibly Queen Anne's lace, is in full bloom. The ground is covered in dark mulch. In the background, there is a wooden fence, a picnic table, and a black grill. A house is visible behind the fence. The scene is brightly lit, suggesting a sunny day.

QUESTIONS?

TRI-COUNTY

W
E
E
D CONTROL

