

2019 Season



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WELCOME

What we will be presenting

- Outreach and Education
- Inventory/Survey
- Weed Database to Date
- Monitoring
- Treatments/ Treatment Totals
- Average Cost/Treatment Acre
- Annual % of No Weeds Present
- Last 5 Years
- 2020 Outlook
- TCWC Financial for 2019



Outreach and Education



- 38.5 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.
- Co-hosted the 14th Annual Winter Weed Workshop: 1/9-10/2019
- Attended: MSHA and Mine Sites Training, NWMA Biennial Conference in Reno Nevada
- Attended numerous meetings with the 9 different CWMA areas in the spring and fall
- Volunteer Days were attended in Ely and Lund

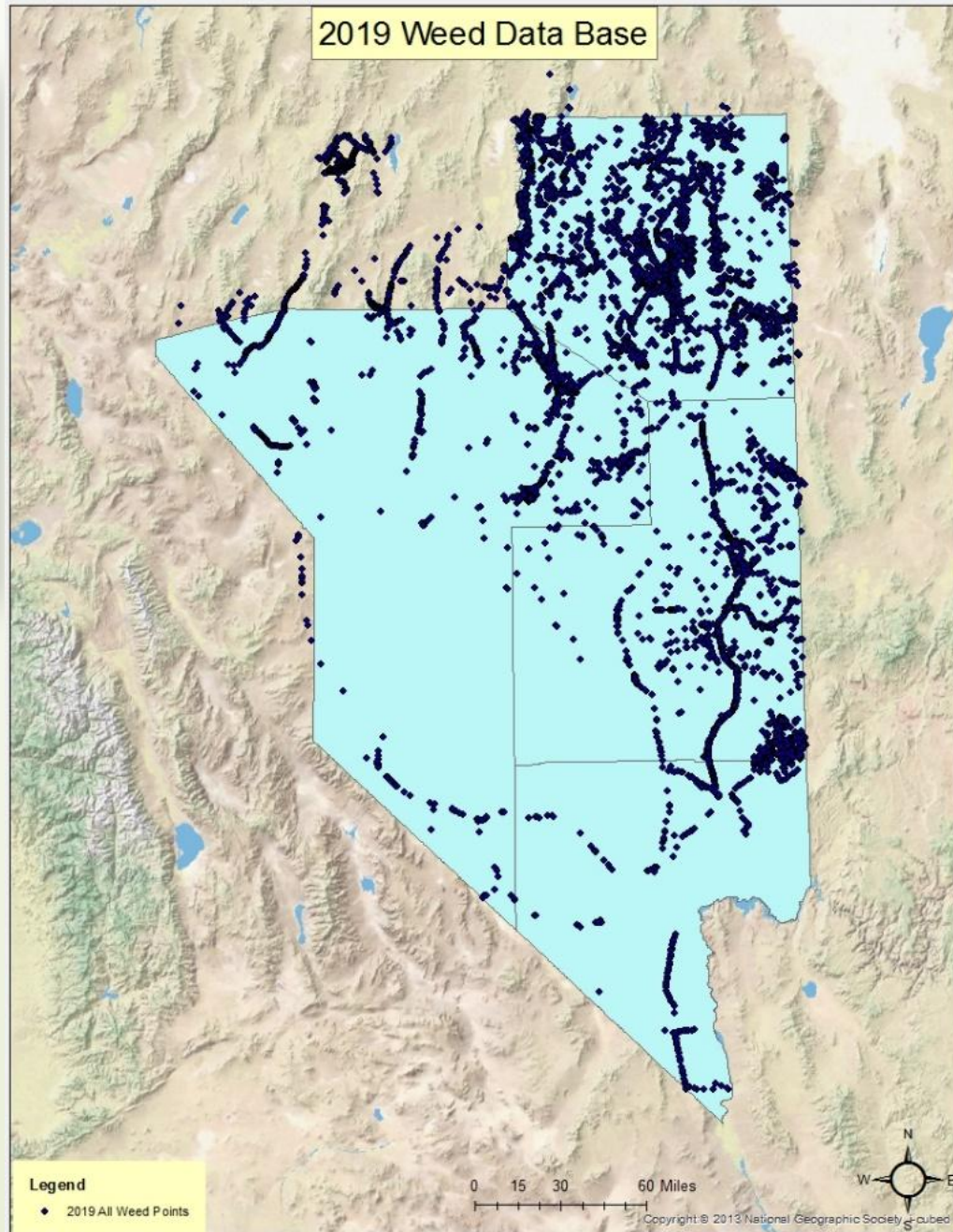
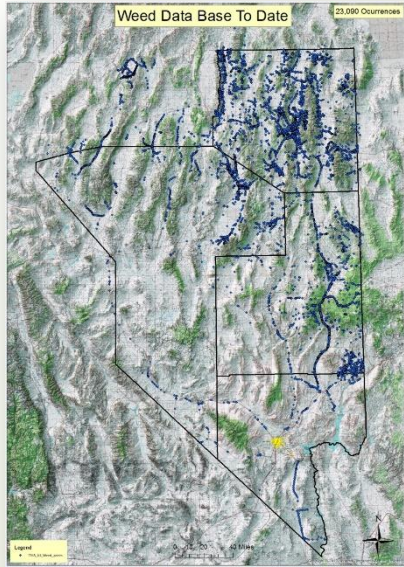
Inventory/Survey



- Kinross Bald Mountain Mine 33.53 acres included dyer's woad, bull thistle, and musk thistle
- Bureau of Land Management of the Goshute Cave Fire 1.45 infested acres included scotch thistle, musk thistle, hoary cress and spotted knapweed

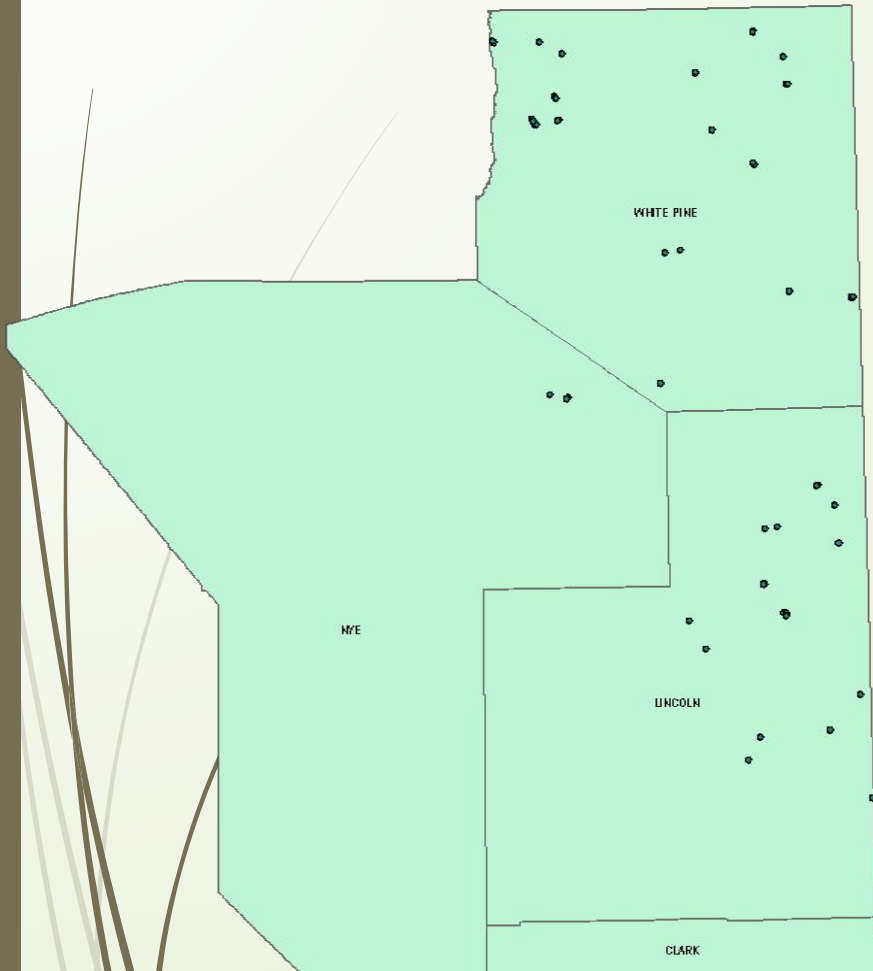


Weed Database to Date



As of 2019
23,111
Occurrences
Identified

Monitoring of BLM Sites



- 42 Sites visited 2019
- Began on July 27, 2019
- Completed on August 30, 2019
- 183 man hours logged



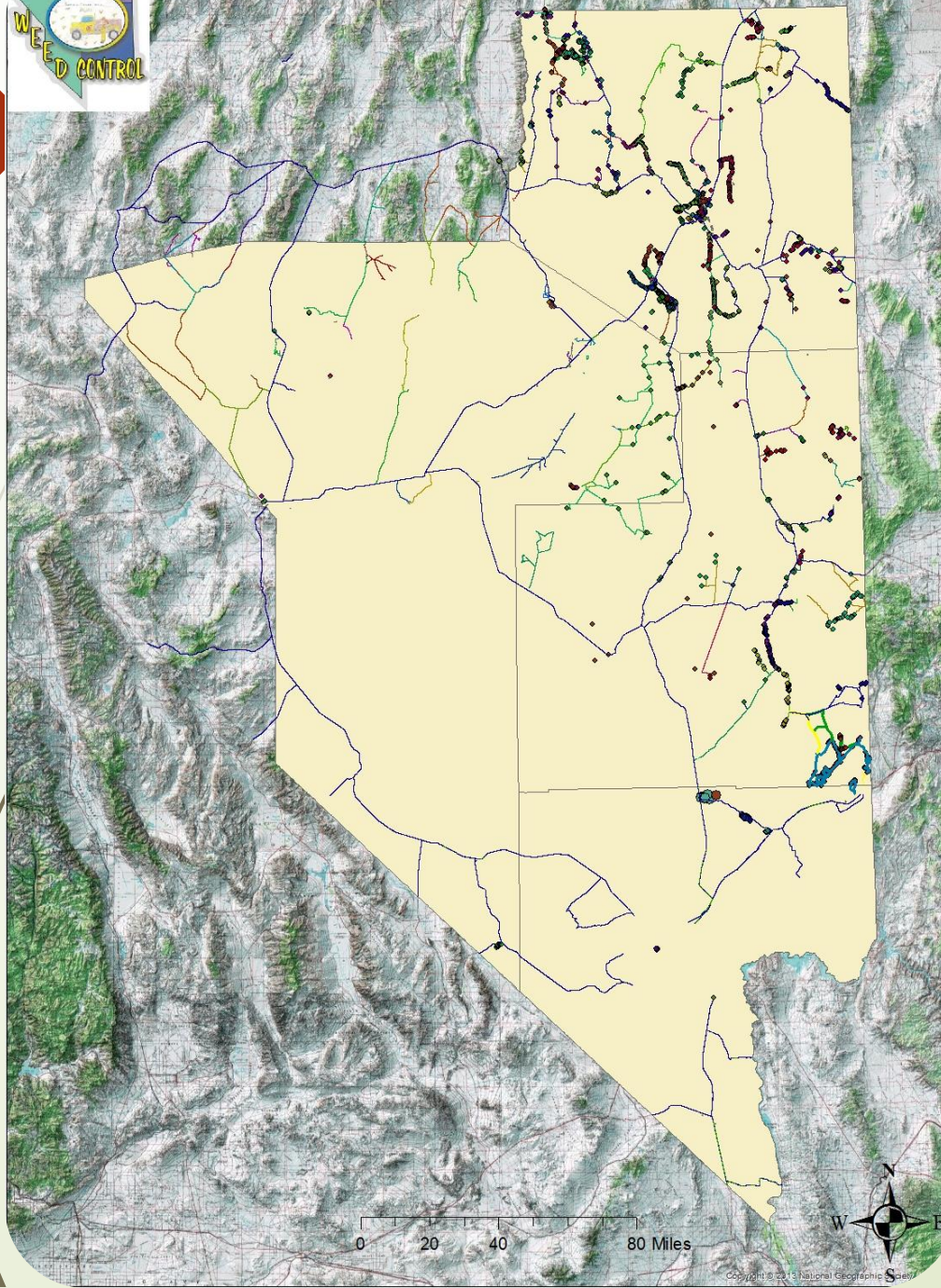
Treatments



Treatments

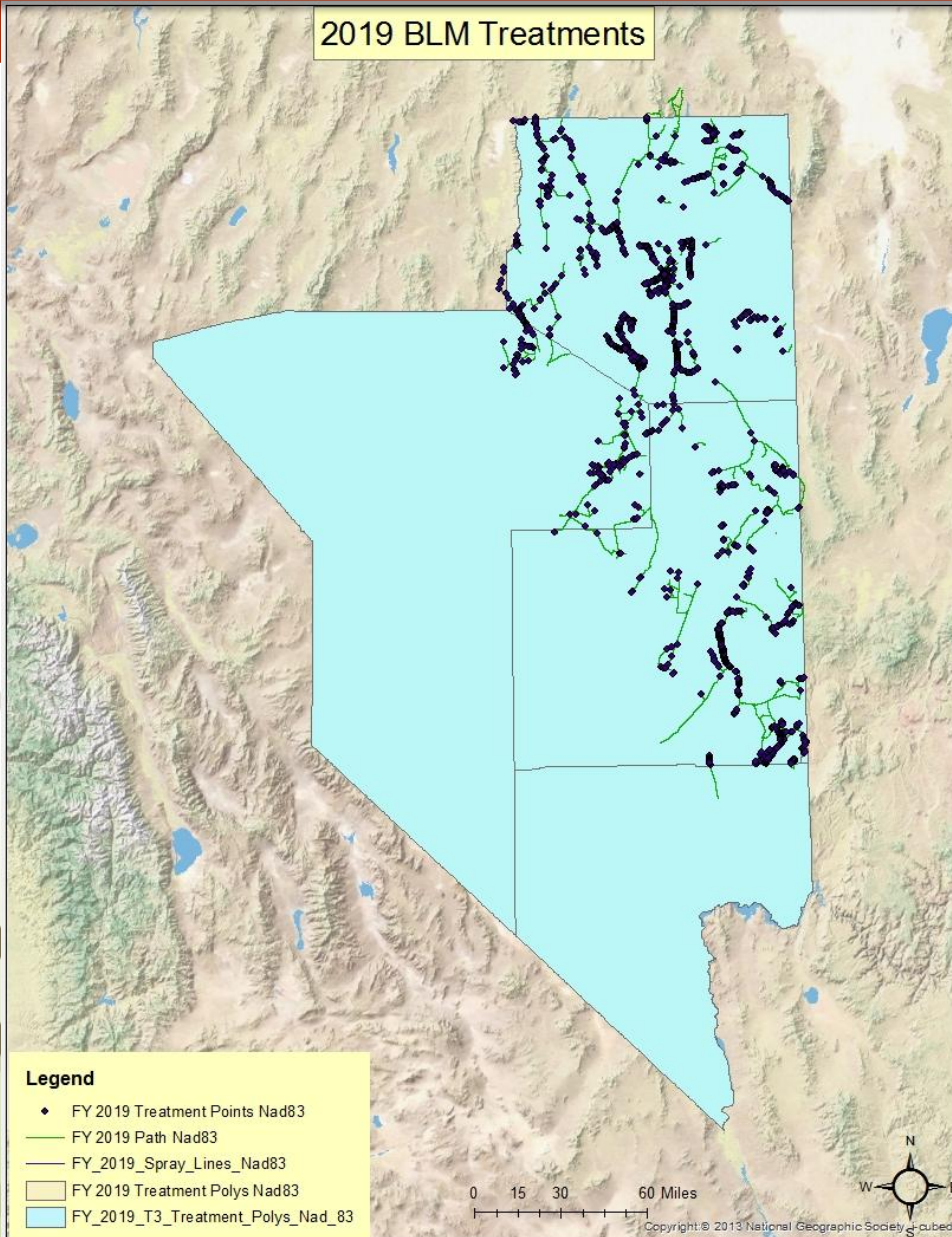


2019 Treatments



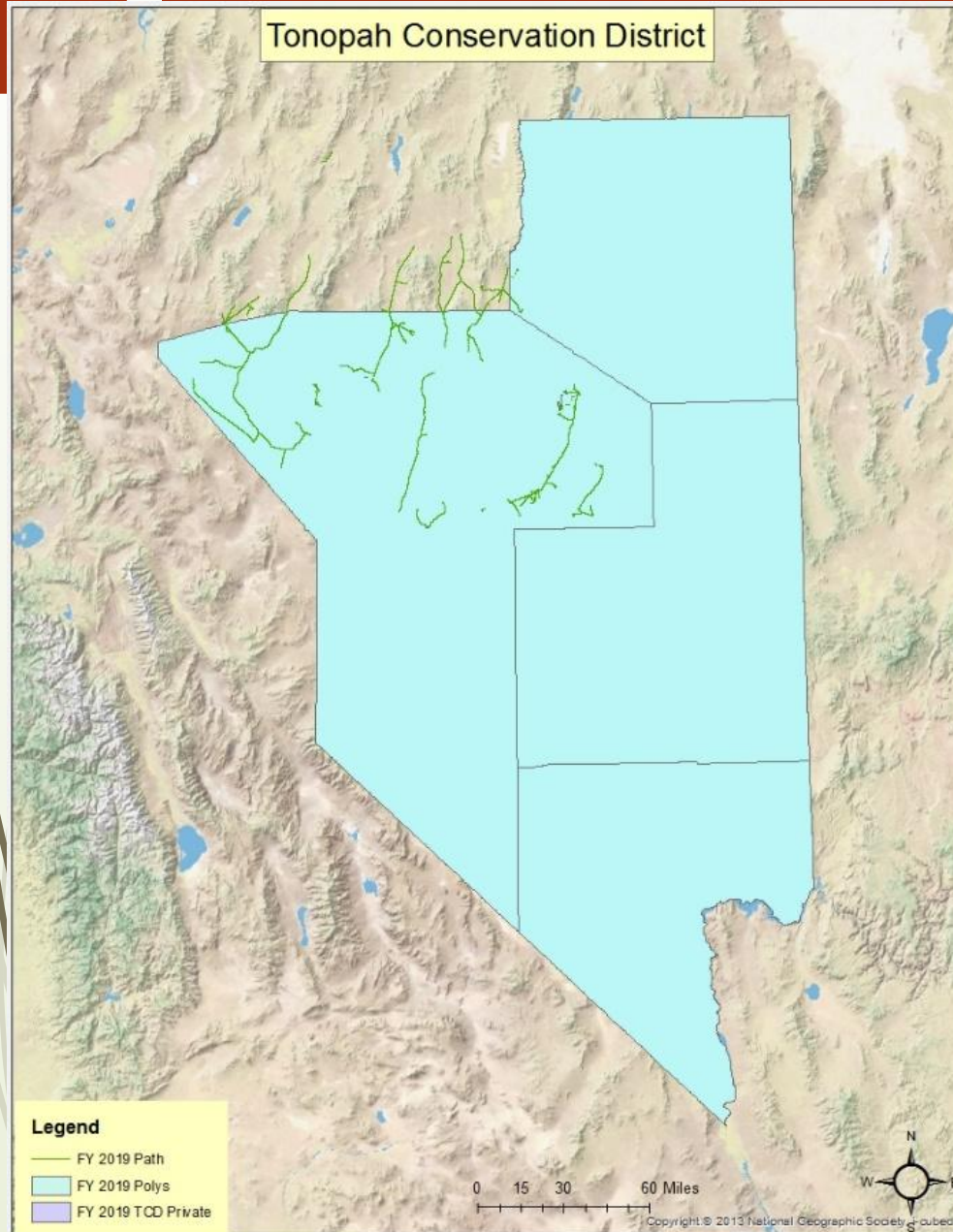
- The spray crew consisting of three full time and one seasonal sprayer began the 2019 season on January 28, 2019 & completed on December 17, 2019
- In total, spray crews completed 598 different projects

Bureau of Land Management



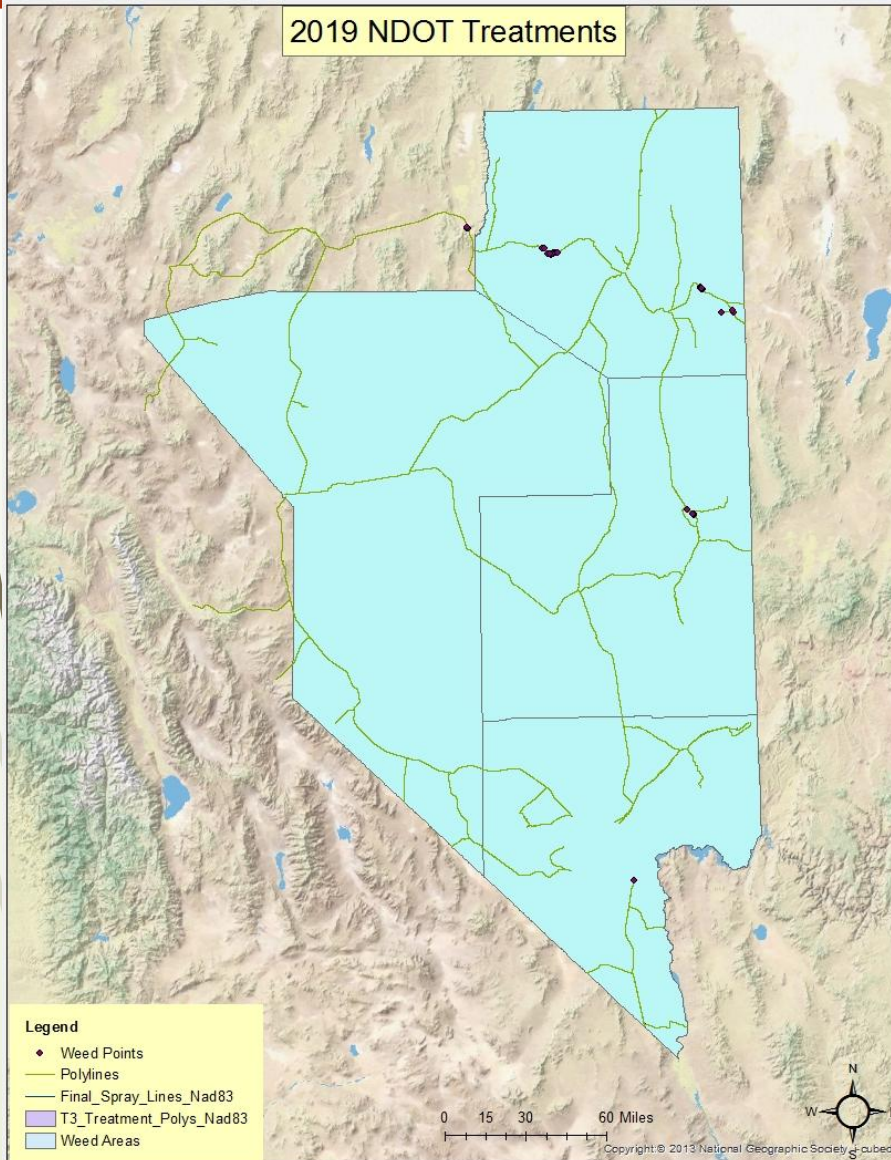
- 3,093.56 miles of recorded spray path
- 112,493.09 gross acres
- 883.14 actual acres treated for 2019
- 1,261.5 man hours logged

Tonopah Conservation District



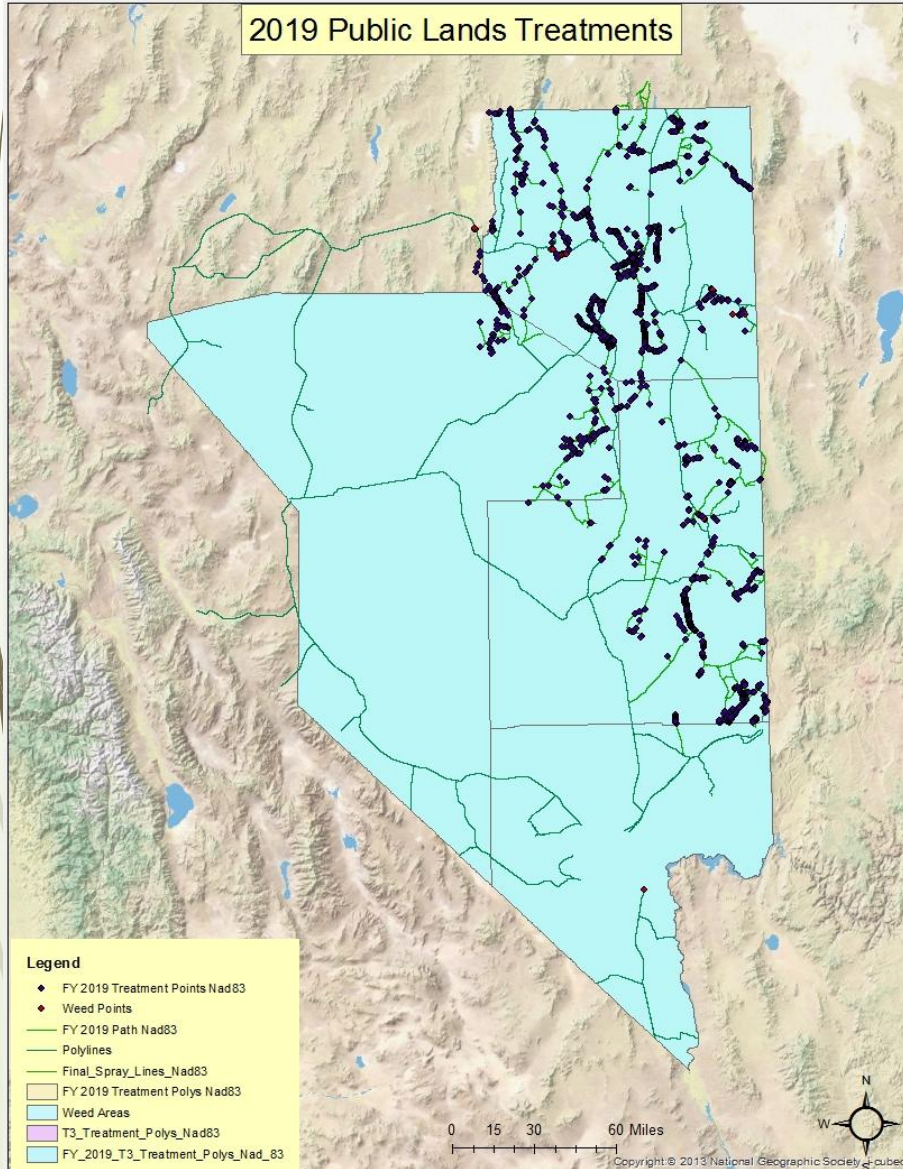
- 793.59 acres treated for the Battle Mountain BLM
- Species Treated: hoary cress, musk thistle, bull thistle, russian knapweed, black henbane, scotch thistle, perennial pepperweed

Nevada Department of Transportation



- 6,526.05 miles of recorded spray path
- 237,310.91 gross acres
- 1,501.23 actual acres treated
- 1,019 man hours logged

2019 Public Lands Summary



BLM, TCD & NDOT

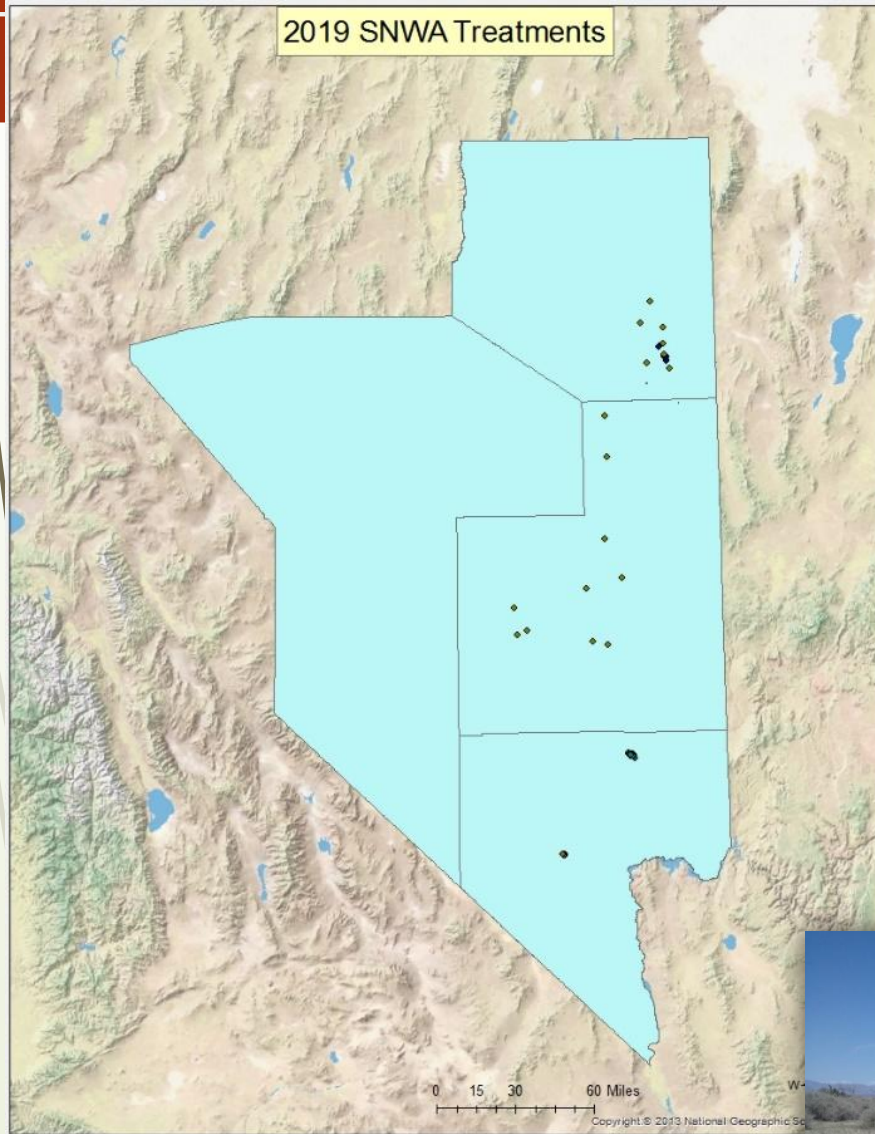
Revenue of \$ 378,820.30

Recorded 9,892.77 miles of paths during spray and inventory sessions

359,737.39 Gross visited acres

3,177.96 acres treated

Southern Nevada Water Authority



- 76.86 acres of treatment
- 254.5 man hours logged
- Species treated: bareground, perennial pepperweed, hoary cress, malt starthistle, russian knapweed, cocklebur, russian thistle, halogeton, silverleaf nightshade
- Warm Springs Inventory
- Monitoring of Horse Pasture and Swam Cedars



Nevada Department of Wildlife

2019 NDOW Treatments

CCC Ranch

Lockes Ranch

Kirch Wildlife Refuge

Key Pittman

0 10 20 40 Miles

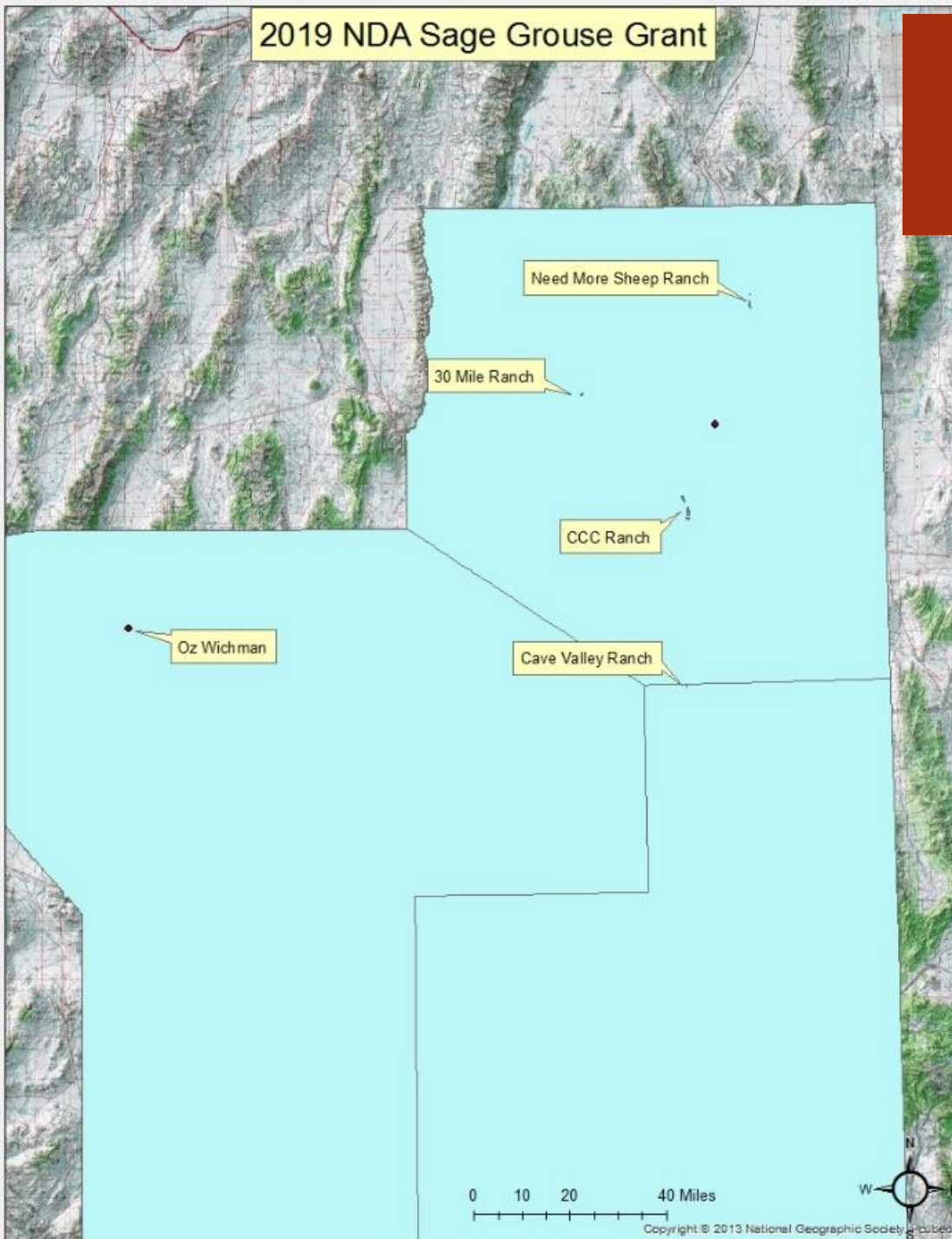


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- 414.44 acres treated
- 3 Counties:
 - White Pine – CCC Ranch – hoary cress & Kirch Wildlife Refuge – russian Olive
 - Nye – Lockes - russian olive
 - Lincoln - Key Pittman - phragmites



Nevada Department of Agriculture



- Received funding for Sage Grouse Weed Control
- Remaining Budget as of 2019 - \$93,299.30
- Used \$35,980.38
- 620.61 acres treated
- Species treated: hoary cress, musk thistle, bull thistle, canada thistle, rabbit brush, wild iris



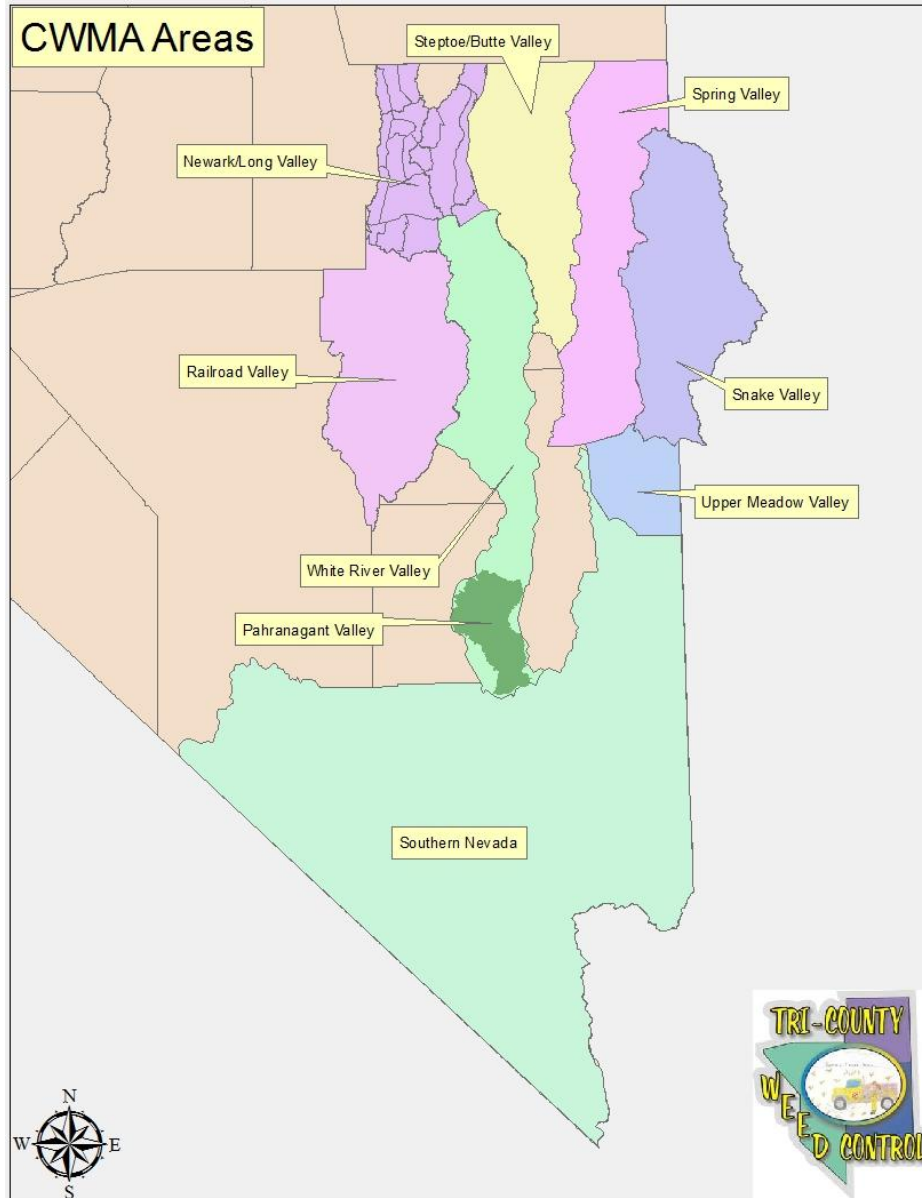
Private Landowner/Managers



- Other Work outside of the CWMA's
- Some of the customers are Nye County Building & Grounds, Tonopah Public Utilities, Town of Tonopah, City of Ely, Northern NV High Sierra, NV Northern Railroad, Kinross - Bald Mountain, Town of Belmont, BP Weeds, Nevada Select Royalty, Inc., Duckwater Shoshone Tribe, Ely State Prison, U.S. Fish & Wildlife, Southern Nevada Water Authority and Private Landowners.

EASTERN NEVADA LANDSCAPE COALITION

Cooperative Weed Management Areas



Newark/Long Valley CWMA



- ENLC fiscally manages and attains the grants
- 5 land owners utilized grant
- 197.23 acres of treatment
- Land owner portion of \$ 6,155.06
- CWMA portion \$4,400.00
- Target species: hoary cress, spotted knapweed, poison hemlock, musk thistle, leafy spurge, scotch thistle, canada thistle and bull thistle



Pahranagat Valley CWMA



- ❑ ENLC fiscally manages and attains the grants
- ❑ 43 land owners utilized grant
- ❑ Landowner portion of \$2,258.60
- ❑ CWMA portion \$ 4,000.00
- ❑ Target species: herbicide orders

Railroad Valley CWMA



- ENLC fiscally manages and attains the grants
- 4 projects completed
- 22.94 acres of treatment
- Land owner portion \$2,079.10
- CWMA portion \$ 2,066.82
- Target species: hoary cress, perennial pepperweed, bull thistle, scotch thistle and russian olive



Snake Valley CWMA



- ENLC fiscally manages and attains the grants
- 8 projects completed
- 3.28 acres of treatment
- Land owner portion \$1,559.22
- CWMA portion \$2,302.47
- Target species: musk thistle, houndstongue, puncturevine, spotted knapweed, perennial pepperweed, scotch thistle and canada thistle

Southern Nevada CWMA



- ENLC fiscally manages and attains the grants
- 5 projects completed
- 52.52 acres of treatment
- Land owner portion \$14,879.04
- CWMA portion \$600.00
- Target species: hoary cress, perennial pepperweed, russian knapweed, musk thistle, sow thistle, salt cedar and phragmites



Spring Valley CWMA

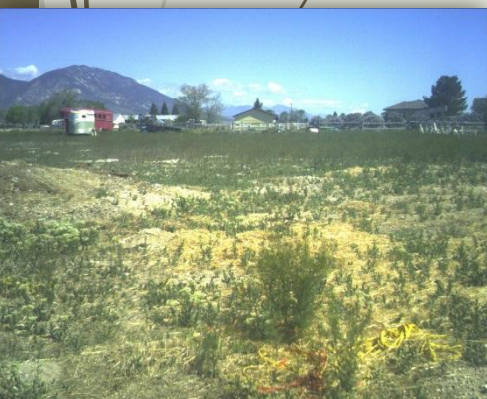


ENLC fiscally manages and attains the grants

- 2 projects completed
- 57.75 acres treated
- Land owner portion \$4,964.51
- CWMA portion \$1,081.00
- Target species: perennial pepperweed, hoary cress and swamp cedars

Steptoe Valley CWMA

- ENLC fiscally manages and attains the grants
- 54 project completed
- 123.75 acres treated
- Landowner portion \$8,413.20
- CWMA portion \$5,850.00
- Target species: spotted knapweed, hoary cress, bur buttercup, russian olive, poison hemlock, rose bush, dandelions, scotch thistle, musk thistle, bull thistle,



Upper Meadow Valley CWMA



- ENLC fiscally manages and attains the grants
- 4 projects completed
- 4.29 acres treated
- Landowner portion \$1,387.68
- CWMA portion \$2,691.03
- Target species: scotch thistle, bull thistle and musk thistle

White River Valley CWMA



- ENLC fiscally manages and attains the grants
- 7 projects completed
- 199.77 acres treated
- Landowner portion \$21,368.42
- CWMA portion \$7,140.65
- Target species: bur buttercup, hoary cress, scotch thistle, cheat grass, fox tail, russian knapweed

Total Funding for ENLC

		Acreage	Private Landowner	CWMA's
Eastern Nevada Landscape Coalition Grant				
1	Newark/Long Valley CWMA	197.23	6,155.06	4,400.00
2	Pahranagat Valley CWMA	-	2,258.60	4,000.00
3	Rail Road Valley CWMA	22.94	2,079.10	2,066.82
4	Snake Valley CWMA	3.28	1,559.22	2,302.47
5	Southern Nevada CWMA	52.52	14,879.04	600.00
6	Spring Valley CWMA	57.75	4,964.51	1,081.00
7	Steptoe-Butte Valley CWMA	123.75	8,413.20	5,850.00
8	Upper Meadow Valley CWMA	4.29	1,387.68	2,691.03
9	White River Valley CWMA	199.77	21,368.42	7,140.65
Subtotal CWMA's		661.53	\$ 63,064.83	\$ 30,131.97

Total of other Revenue

		Private Landowner/ State & Federal Agencies	Other Grant
Lincoln County	22.69	7,794.51	-
Nye County	73.04	19,637.49	-
White Pine County	305.30	47,201.95	-
Tonopah Conservation District	1.53	286.88	95.62
Bureau of Land Management	883.14	174,419.84	-
Southern Nevada Water Authority	76.86	41,200.28	-
Nevada Department of Agriculture	620.61	35,753.37	-
NDA Grant Member Share		5,191.43	-
Nevada Department of Transportation	1,501.23	158,122.50	-
Others	956.34	194,180.68	-
Miscellaneous income		1,857.46	-
	Subtotal	4,440.74	685,646.39
			95.62

2018 TCWC Total Income

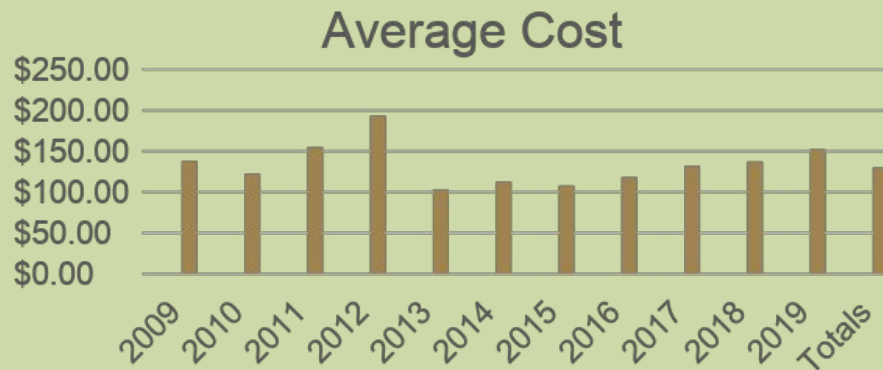
	Acres	Private Landowner/ State	ENLC Grant
Total covered by ENLC	661.53		\$ 30,131.97
Total Private Landowners	402.56	143,177.09	
Total State and Federal Agencies	4,038.18	603,772.29	
Total Miscellaneous		1,857.46	
	5,102.27	748,806.84	30,131.97
Total Income			\$ 778,938.81

Accounts Receivable as of 12/31/19

Adams, Amy	61.03
BP Weeds	3,128.00
Bureau of Land Management	11,720.27
Chachas, George	636.07
Drake, Clyde	256.20
Eastern NV Landscape Coalition	
Pahranagat Valley CWMA	313.60
Railroad Valley CWMA	500.00
Spring Valley CWMA	46.00
White River Valley CWMA	3,139.01
Southern Nevada CWMA	<u>150.00</u>
Total Eastern NV Landscape Coalition	<u>4,148.61</u>
Gardner, Brent	2,500.00
Gilbert, Lisa	295.63
Great Basin Water Co./Discovery Park	5,476.06
Jensen, Hal	91.67
Kinross Mining	10,912.23
Meldrum, Steve	201.00
Nevada Department of Transportation	50,135.14
Ollila, Shelly	233.55
Ryan, Maria	255.79
Southern Nevada Water Authority	17,309.64
Springs Preserve	275.59
Torrealday, Juan	-0.12
Uhalde, Gracian N.	1,780.71
Youren, Debra	803.40
TOTAL	<u>110,220.47</u>

Average Cost per Treatment Acre

Year	Acreage	Treatments	Average
2009	4,562.52	\$629,196.91	\$137.91
2010	6,649.70	\$814,142.07	\$122.43
2011	4,729.48	\$732,183.56	\$154.81
2012	4,336.56	\$838,951.93	\$193.46
2013	6,654.67	\$684,203.67	\$102.82
2014	5,736.00	\$645,742.66	\$112.58
2015	7,437.26	\$802,246.46	\$107.87
2016	6,842.79	\$809,174.34	\$118.25
2017	6,231.10	\$821,042.74	\$131.77
2018	5,050.95	\$692,359.10	\$137.08
2019	5,102.27	\$777,081.35	\$152.30
Totals	63,333.30	\$8,246,324.79	\$130.21

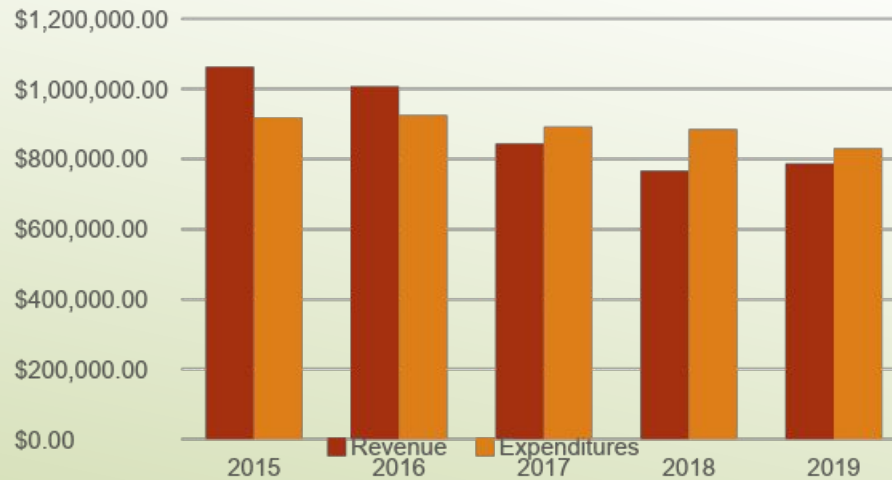


Annual Percentage of No Weeds Present

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Points evaluated	6,016	5,132	5,604	6,112	7,559	5,516	5,954	7,049	6,878	6,986	3,855	2690
No weeds present	2,668	1,949	2,358	2,595	3,513	2,423	2,604	2,550	2,745	3,063	2,278	1205
%	44	38	42	43	47	44	44	36	40	44	56	45

Last 5 years

Year	Revenue	Expenditures
2015	\$1,064,119.06	\$ 919,216.06
2016	\$1,007,727.92	\$ 925,811.33
2017	\$ 843,981.44	\$ 892,234.95
2018	\$ 766,342.02	\$ 885,841.84
2019	\$ 787,881.83	\$ 830,329.73



2020 OUTLOOK

Projected Income	
BLM	296,897.46
CWMAs	31,500.00
TCD	75,961.02
NDA - Sage Grouse Grant	57,545.93
SNPLMA Grant	329,200.00
NDOT	149,701.31
Great Basin Water Co.	22,688.00
SNWA	48,000.00
Kinross	68,150.00
Total	\$ 1,079,643.7



QUESTIONS?

TCWC Financial

12/31/18





Maintenance Costs

Man Hours (2,714.0)

Equipment repair & maint. \$ 16,406.78

Repair parts and supplies \$ 10,499.36

Spay parts & supplies \$ 3,075.14

Tires \$ 4,534.27

TOTAL: \$ 34,515.55


Spray Costs

Contract labor	\$ 99,864.50
Fuel	\$ 34,674.61
Freight	\$ 355.00
Herbicide	\$ 155,764.15
TCWC In-kind	\$ 1,857.28
Travel Expense	\$ 14,250.88
TOTAL:	\$ 306,766.42

Inventory


	On Hand	Asset Value	Sales Price	Retail Value
Activator (Activator (in pints))	172.00	318.20	2.13	366.36
Bronc-Max (Bronc-Max (in pints))	88.00	233.74	3.00	264.00
Bronc Triple (Bronc Triple (in pints))	8.00	38.03	5.25	42.00
Climb (Climb (in ounces))	192.00	149.60	1.00	192.00
Dye (Dye (in pints))	60.00	321.86	6.50	390.00
Escort XP (Escort XP (in ounces))	308.00	1,105.75	4.50	1,386.00
Esplanade (Esplanade (in ounces))	256.00	2,339.71	10.50	2,688.00
Gly Star Plus (Gly Star Plus (in pints))	100.00	227.61	3.00	300.00
Hi-Light Red (Hi-Light Red (in pints))	15.20	131.33	6.50	98.80
In-Place (In-Place (in pints) (Adjuvant))	12.00	62.26	6.00	72.00
Kerb (Kerb (in pints))	20.00	700.00	38.85	777.00
Mad Dog Plus (Mad Dog Plus (in pints))	508.00	977.64	2.50	1,270.00
Method (Method (in ounces))	1,088.00	2,709.17	3.00	3,264.00
Milestone (Milestone (in ounces))	2,688.00	4,001.89	3.00	8,064.00
MSO Concentrate w /Leci-Tech (MSO Concentrate w /Leci-Tech (in pints))	532.00	1,096.76	2.50	1,330.00
No Foam (No Foam (in pints))	28.00	94.69	5.50	154.00
Oust XP (Oust XP (in ounces))	496.00	802.89	1.87	927.52
Plateau (Plateau (in ounces))	3,648.00	3,207.93	1.25	4,560.00
Polaris (Polaris (in ounces))	2,432.00	1,424.67	0.80	1,945.60
Rainier (Rainier (in pints))	392.00	1,656.02	4.90	1,920.80
Rodeo (Rodeo (in pints))	136.00	438.04	3.75	510.00
Super Spread MSO (Super Spread MSO (in pints))	56.00	189.00	3.75	210.00
Syl-Tac (Syl-Tac (in pints))	276.00	2,351.66	9.95	2,746.20
Telar (Telar (in ounces))	210.00	3,213.72	21.00	4,410.00
Tordon 22K (Tordon 22K (in pints))	496.00	4,037.97	10.00	4,960.00
Transline (Transline (in ounces))	60.00	84.15	1.75	105.00
Tri-Fol (Tri-Fol (in pints))	80.00	210.40	3.75	300.00
Vanquish (Vanquish (in pints))	40.00	262.85	10.00	400.00
Weedar 64 (Weedar 64 (in pints))	968.00	1,967.72	2.30	2,226.40

Administration Costs



Capital Improvement	\$	0.00
Drug Testing	\$	408.00
Dues & Subscription	\$	3,819.23
Lease	\$	30,276.12
License	\$	699.00
Misc. Expense	\$	19,191.89
Payroll	\$	408,494.35
Unemployment Expense	\$	0.00
POOL/Pact Insurance	\$	18,346.00
Training	\$	1,777.57
Utilities	\$	6,035.60
TOTAL	\$	489,047.76

2019 Income/Expense



Revenue	\$	782,034.85
Interest Income	\$	<u>5,846.98</u>
Income Total	\$	787,881.83

Expense		
Maintenance	\$	34,515.55
Spray	\$	306,766.42
Administration	\$	<u>489,047.76</u>
Expense Total	\$	830,329.73

Difference	\$	(42,447.90)
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TCWC at 12/31/2019

2018 Income/Expense Difference \$ (42,447.90)

Liquid Assets

Inventory on hand @ 2019 worth \$ 45,879.68

Accounts Receivable @ end of 2019 \$ 110,220.47

Bank Account Balance @ end of 2019 \$ 68,457.04

TCWC Saving Account @ end of 2019 \$ 171,462.10

Total \$ 396,019.29

Net Worth \$ 353,571.39



QUESTIONS?

TRI-COUNTY

W
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D CONTROL

