



TRI-COUNTY WEED CONTROL

133 Fay Avenue – Ely, NV 89301

(775) 289-6341

2017 SEASON REPORT

For our 2017 seasonal year, TCWC hired two seasonal employees for inventory, spraying, monitoring and maintenance. We also utilized Bert Paris, BP Livestock, whose services were a tremendous benefit this season. We ended the season with four "regular full-time" employees, who will help support our winter administrative and maintenance operations.

For 2017, we did not pay a seasonal employee \$1,000.00 from the Seasonal Incentive Program. We are still committed in continuing this program in the future rewarding seasonal employees for complying with the requirements of: (1) committing to work through the end of the season or a resignation date mutually agreed between TCWC and the employee; (2) attending work on time every scheduled work day; and (3) achieving a goal of zero safety related accidents. We sincerely believe this incentive is worth the value it has added to our program. Also, this season we sent 7 applicants for drug screening and sorry to say two failed the drug test this year.

In October the decision to purchase a new Spray Truck was made and we purchased a Ford F-650 from Capital Ford in Carson City, Nevada in April. Once it was here the crew began the process of adding spray equipment from G&R Ag. and christening her with the TCWC logo from Elevation signs.

Tri-County Weed Control's Board of Directors is responsible for broad corporate policies and overall performance. Our Board members oversee the management and stewardship of the company to enhance TCWC's long-term value and vitality. The directors provide input and perspective in evaluating strategic initiatives. They review and, where appropriate, approve fundamental financial and business strategies and major actions, and ensure processes to maintain our company's integrity. On given occasions, members of the Noxious Weed Management Program Board of Directors may be faced with a conflict of interest in scheduling, prohibiting him/her in attending a board meeting. This situation may make it difficult to obtain a majority of the board to move an action forward, or to take a final action. This problem was resolved through the appointment of the alternate members to serve in such circumstances. Our board currently consists of Jarred Brackenburry (Lincoln County Commissioner); Shayne Bybee (White Pine County Commissioner); Lorinda Wichman, (Nye County Commissioner); Dick Reason (Nye County landowner); Ray Kretschmer (Nye County landowner); Ronda Hornbeck (Lincoln County landowner); Tom Baker (White Pine County landowner); Jack Neal (White Pine County land manager); Steve Meldrum (Lincoln County Land Owner) and alternates, Ken Dickson (Lincoln County), Tim Carlo (Nye County Land Owner) and Gary Perea (White Pine County Commissioner). We want to thank our board for taking the time out of their busy schedule to serve on our board.

TRI-COUNTY WEED CONTROL OUTREACH AND EDUCATION

In 2017, TCWC logged over 269 man-hours in public outreach and education in White Pine, Lincoln, and Nye Counties. Most of those hours were direct contact with local Cooperative Weed Management Area (CWMA) members regarding weed management and education. Tri-County Weed Control employees logged 116.0 man-hours of attending seminars, conventions and other training sessions.

The following are highlights of the time spent by TCWC this year in furthering its dedication to weed management and education in Nevada:

I. General outreach to public

- Met with residents and landowners/managers on a general basis regarding noxious weeds;
- Contact with landowners on a regular basis concerning treatment results, need for re-treatment, and plans for continued control of noxious weeds;
- Identified numerous plants for local residents, both those at their properties and those brought to our office;
- Answered numerous calls from residents concerning noxious weeds problems and treatments in the tri-county area and provided solutions for control;
- Maintained liaison link between private and public landowners for noxious weeds concerns;
- Provided informational material to landowners regarding sprayer calibration.

II. Local CWMA's

- Prepared and gave various presentations at CWMA's and conservation districts meetings in Lincoln, White Pine and Nye Counties regarding noxious weed problems and solutions;
- Provided computer support to CWMA's including generating various maps of their boundaries and noxious weed locations;
- Provided CWMA's with numerous noxious weed identification booklets, handouts, flyers;
- Met with various local public officials and representatives regarding weed control efforts and CWMA programs.

III. Education, training, and outreach

- 1) Co-hosted *Eastern Nevada Landscape Coalition (ENLC) and Tri-County Weed Control's Thirteenth Annual Winter Weed Workshop* on January 10th and 11th.
- 2) Bio Releases: This summer we released (185) *Aulicideau* and (130) *Jaapiella invannikovi* on the Duckwater Shoshone Reservation to help reduce Russian knapweed infestations.
- 3) Education and Training:
 - Attended The Nevada Rangeland Resources Commission's N-4 Grazing Board meetings;
 - Attended Porter Merrill's Safety & Schell Creek's safety training (MSHA).
 - Attended the North American Invasive Species Management Association Meeting in Reno, Nevada

INVENTORY:

Since its formation in 2000, TCWC has now inventoried over 23,032,909.34, acres of land in White Pine, Lincoln, Nye, and Clark Counties.

For 2017, TCWC had a 2-person inventory crew. The crew inventoried 1,135,696.00 acres for noxious weeds for Steptoe Valley Range, Smith Valley, Jakes Valley, Butte Valley, Steptoe Valley, Egan Range, Cherry Creek Range, Butte Mountain Range from May 01, 2017 through July 21, 2017 using 385 man hours.

For 2017, we recorded 386 different occurrences representing 192.15 acres for this year's BLM inventory. The spray crew added an additional 257 points of infestations for 203.5 acres. The inventory crew logged 1,610 miles bringing the year to date total to 50,610 miles during these inventory sessions, which does not include travel miles to and from a site

MONITORING:

In 2005, under the provisions of BLM Task Order 10, there were 20 permanent monitoring sites established by TCWC, and an additional 20 sites were established in 2006. In 2008, an additional two sites were established for a total of 42 sites to be being monitored. The monitoring consists of identifying *all plants* within a 28 and 73 foot marker at each site by species and life stage (rosette, seedling, bolt, standing dead); log the UTM's of each marker; record the total number of plant species within the markers; and record a photograph of each transect and photo plot.

This was the 12th year of TCWC monitoring these sites for the Bureau of Land Management. On August 8, 2016, we began the process of the monitoring of these 42 sites. The monitoring project was completed on August 23, 2016 using 252 man hours. All data was collected and added to the previous years' information.

TREATMENTS:

This year, the spray crew consisted of three "full-time regular" licensed applicators plus two "seasonal" sprayers using spray trucks, 6-wheelers, mini-truck, and backpack sprayers to meet the needs for the projects. The spray crew began the 2017 season on February 17 and completed its last project on December, 7, 2017. In total, the spray crews completed 601 different projects within 8,204.75 man hours

The tabulation below is an actual recorded spray sessions from GIS data for the following governmental entities serviced and does not include travel miles to and from a site.

<i>Organization</i>	<i>Spray Session Mileage</i>	<i>Gross Acres</i>
BLM	4,247.91	154,469.64
NDOT- Tri-Counties & Clark County	5,644.86	205,267.75
<i>Totals:</i>	<i>9,892.77</i>	<i>359,737.39</i>

The following pages set forth detail information for the work completed during the 2017 season. This work was completed with 8,204.75 hours for weed treatment; 829 hours for inventory; and 252 hours for monitoring for a grand total of 9,285.75 man hours for completion of TCWC's season.

USDI Bureau of Land Management, Ely District

Agreement No: L1AC00017		<i>Acres</i>	<i>Income</i>
Inventory, Sup 0017 (<i>Schell Creek Range, North Spring valley, Antelope Valley. Kern Mountains, Pleasant Valley, Snake Range</i>)		1,135,696.00	\$51,000.00
Monitoring (42 sites) Sup 0017		n/a	\$9,000.00
General Treatments	Sup 0017 Mod 3and carry over from Mod 1 General	293.55	\$82,685.31
Tule Desert	Mod 1, SUP 2	10.4	\$1,524.06
Strawberry Fire	0017, Mod 3	44.06	\$17,942.61
Strawberry Fire, Seeded	Invoice same as above	63.41	
General Treatments	Sup 0017, Mod 3	1.20	\$1,498.41
Upper Meadow Valley 4.20.17	Mod1, Sup 1	148.84	\$26,723.46
Upper Meadow Valley Treatments 9.14.17	Mod 1, Sup 1	32.42	\$7,499.99
Upper Meadow Valley 12.3.17	Mod 1 Sup 1	20.83	\$20,776.55
Railroad Valley 8.28.17	Mod 1, Sup 3, T2	236.38	\$12,302.01
Railroad Valley 9.29.17	Sup 0017, Mod 1 Sup 3	6.50	\$3,263.48
Range Fire	Sup 0017, Mod 4	152.0	\$9,120.00
Pinto Fire	Mod 3	130.21	\$13,512.00
White River Valley 6.13.17	Mod 1 Sup 4	66.34	\$21,993.28
Wilderness	Mod 1 Sup 5	1.30	\$1,689.30
Inventory (Line Pinto and Overland Fires) Mod 3 Fire Inventory		10,433.73	\$13,488.00
General Treatment	Treat 3	55.78	\$8,235.41
White River Valley, 9.27.17	Mod 1, Sup4 T3	23.18	\$8,089.63
Tule Desert Treatments	Mod 1, Sup 0002	1,040.64	\$74,723.70
Newark Valley Treatments	Mod 2, Sup 06	60.89	\$14,894.58
Newark Valley 9.18.17	Mod 2 Sup 6 Treat 3	12.10	\$3,186.01
Total for Bureau of Land Management		1,148,529.76	\$403,147.79

Other Government Entities			
		<i>Acres</i>	<i>Income</i>
Ely State Prison	<i>bareground</i>	13.57	\$2,145.97
USF&W (Bobby Allison, Carp)	<i>perennial pepperweed, salt cedar</i>	3.70	\$4,349.67
<i>Total for Other Government entities</i>		<i>17.27</i>	<i>\$6,495.64</i>
Nevada Department of Transportation			
Clark County	<i>(details listed below)</i>	219.69	\$23,574.30
Tri-Counties & Clark County	<i>(details listed below)</i>	568.32	\$86,992.32
Total for Nevada Department of Transportation		<i>788.01</i>	<i>\$110,566.62</i>

Summary of State Highways in Clark County Treated in 2017 by Tri-County Weed Control

Hwy 95 S. of Las Vegas – Weeds that are known to be present are Sahara mustard, salt cedar, spotted knapweed and African rue. From the state line to Searchlight, there are scattered infestations of Sahara mustard with heavy infestations around Cal-Nev-Ari. From Searchlight to intersection of Hwy 93 there is considerable Sahara mustard with a few infestations of salt cedar; however. African Rue was treated next to the on ramp of 95 and 93 between Railroad Pass Casino and Boulder City in 2017.

Hwy 95 N. of Las Vegas – Weeds known to be present are Sahara mustard and salt cedar. There are also some salt cedar infestations around Indian Springs. Sahara mustard was found and treated in small patches from Las Vegas to north of Indian Springs.



Hwy 160 – Weeds known to be present are Russian knapweed, Malta starthistle, Sahara mustard and Scotch thistle. Sahara mustard, Malta starthistle and Russian knapweed were found and treated in 2017.

Hwy 163 – The only weed known to be present at this time is Sahara mustard. There are heavy infestations from mile marker 15 to mile marker 19. There also are scattered patches from mile marker 0 to mile marker 15. Sahara mustard currently not being treated.

Hwy 164 – Weeds that are known to be present are Malta starthistle and Sahara mustard. Both exist in and around the material yard in Searchlight. For 2017, no weeds present at this time.

Hwy 168 – Weeds known to be present are Sahara mustard, Malta starthistle, salt cedar and Russian knapweed. Sahara mustard and Malta starthistle were found and treated. Russian knapweed was not found in 2017.

Hwy 169 – Weeds that are known to be present are Sahara mustard, salt cedar, Russian knapweed and Malta starthistle. Large infestations of Malta starthistle and Russian knapweed treated in 2017.

Hwy 170 – The only weed known to be present is Sahara mustard and the entire area is heavily infested from mile marker 0 to mile marker 11. No treatment currently on Sahara mustard.

I-15 – Weeds that are known to be present are Malta starthistle, Russian knapweed, silverleaf nightshade and Sahara mustard. Silverleaf nightshade, Malta starthistle and Russian knapweed was treated this year. Sahara mustard currently not being treated. No Russian knapweed was found this year.

Hwy 93 – Weeds known to be present are diffuse knapweed, Sahara mustard and Malta starthistle. One patch each of diffuse knapweed and Malta starthistle have been identified. Sahara mustard exists from the I-15 intersection to north of the Lincoln County line. Sahara mustard and Malta starthistle was treated this year.

MS 2-01 – In use, not visited.

MS 09-01 – Malta starthistle has been treated in the past. No weeds present in 2017.

MS 09-04 – Sahara mustard has been treated in 2017.

MS 11-06 – There has been a small infestation of Sahara mustard in the past. No weeds present in 2017.

MS 18-2 – No weeds present in 2017.

MS 18-3 – For 2017, no weeds present at this time.

MS 19-01 – The only weed known to be present is salt cedar. This is a large infestation covering 2 acres of the site. Salt Cedar was treated in 2017.

MS 25-1 – Sahara mustard was treated this year.

MS 32-02 – No weeds present at this time.

MS 47-03 – For 2017, no weeds present at this time.

MS 47-04 – No weeds present in 2017.

MS 69-01 – In 2008 it was reported there is a large infestation of salt cedar covering 2 acres of the site. There is

also Sahara mustard scattered through the entire site and an approximate 2,000 sq. ft. patch of Malta starthistle also was found. However, this location was not accessible this season.

MS 81-01– This material site has been weed free, but with a possibility of salt cedar regeneration in the active areas. Not treated in 2017.

MS 88-03 – The site is known to be heavily infested with Sahara mustard, with a small stand of salt cedar. This site visited but not treated due to site being used.

Cottonwood Cove Road – Weeds that are known to be present are Sahara mustard and Malta starthistle. The Sahara mustard exists in small, widely distributed patches along the highway from Searchlight to the park boundary. No treatments in 2017.

Warm Springs Road – Weeds that are known to be present are Sahara mustard, salt cedar and Malta starthistle. There have been heavy infestations of both Sahara mustard and Malta starthistle throughout the area in the past. There are also heavy stands of salt cedar scattered throughout the area. There is Russian knapweed creeping through the fence from the Warm Springs Natural Area. For 2017, only scattered patches of Malta starthistle and Sahara mustard was found and treated.

Searchlight NDOT Station – Weeds that have been known to exist at this station is Malta starthistle; however, this site is weed free at this time.

Glendale Main Station – For 2017, no weeds present at this time.

OBSERVATIONS OF THE 2017 SEASON

We targeted malta startistle, Sahara mustard. Russian knapweed, silverleaf nightshade, salt cedar, and Scotch thistle. The pre-emergent treatment on Sahara mustard near Armagosa Valley seemed to work well.

Summary of State Highways in Lincoln, Nye & White Pine Counties Treated in 2017 by Tri-County Weed Control

Hwy 6 west of Ely – Weeds that are known to be present are spotted knapweed, hoary cress, salt cedar, perennial pepperweed, phragmites and Russian knapweed. Spotted knapweed starts at McDonald’s thinning before the 318 turnoff. Perennial pepperweed is spotty on the bypass from McDonalds to Murray Summit then quits and picks up again west of Hwy 318 turn and continues to the Black Rock Station. Hoary cress starts at McDonalds and continues over Murray Summit thinning in density to the White River Road. No phragmites were treated this year.

Hwy 6 – Tonopah –For 2017, spotted knapweed was treated.

Hwy 50 – 6 east of Ely – No perennial pepperweed was treated this year. Hoary cress was found in small patches from Ely to Connors Summit. Spotted knapweed occurs in small patches from Ely to Connors Summit with heavy infestation around Sacramento Pass and Majors Junction. The spotted knapweed starts thinning to the east of Junction 893. Infestations pick-up again at Osceola increasing in density over Sacramento Pass to the rest area and thinning to small patches ending at the Maintenance Station. No Russian knapweed was found this year. No Dalmatian toadflax was found this year.

Hwy 50 west of Ely – Weeds that are known to be present are spotted knapweed, diffuse knapweed, musk thistle, Scotch thistle, and hoary cress. No dalmation toadflax was treated this year. From Ely to Robinson Summit there are small patches of hoary cress and spotted knapweed. Large infestations of spotted knapweed and hoary cress occur from the Moorman Ranch and continue with less frequency to the Eureka County line. Treatment was extended to treat large infestations of spotted knapweed on the east side of Pinto Summit. There is one patch of musk thistle on the west side of Antelope Summit and one patch on the east side of Pancake Summit. Treatment extended to Middlegate. Musk thistle, spotted knapweed, scotch thistle and hoary cress treated on Pinto Summit into Diamond Valley. Musk thistle, spotted knapweed, and hoary cress treated on Bob Scott Summit

Hwy 93 north of Ely – Weeds that are known to be present are spotted knapweed, hoary cress, musk thistle, Scotch thistle, water hemlock, Canada thistle, and Russian knapweed. Heavy infestation of spotted knapweed from Ely to just north of Hwy 490 with small infestations of hoary cress, musk thistle, spotted knapweed, Canada thistle, water hemlock, and Scotch thistle from Hwy 490 to Lauges Junction. No Russian knapweed was found this year.

Hwy 93 south of Ely – Weeds that are known to be present are spotted knapweed, diffuse knapweed, Russian knapweed, salt cedar, Scotch thistle, perennial pepperweed, Sahara mustard and Dalmatian toadflax. Heavy infestations of spotted knapweed around junction of Hwy 50-6 and Hwy 93 decreasing in frequency to Pony Springs. The infestations increase once again to Panaca. Scotch thistle and spotted knapweed were found and treated on Oak Springs Summit and Delamar Valley. Sahara mustaerd was found south of Alamo to the Clark County line. Heavy infestations of Dalmatian toadflax found between the intersection of Hwy 93 and Hwy 321 but decreasing in intensity to Bristol Wells Road with the exception of large infestations in the burn area. Salt cedar was treated south of Panaca.

Hwy 95 – Weeds that are known to be present are salt cedar, diffuse knapweed, spotted knapweed, Sahara mustard and Russian knapweed. The Russian knapweed exists by the Nye and Esmeralda county line. Heavy infestations of salt cedar exist north and south of the Beatty area. Sahara mustard was treated starting just south of Beatty and ending north of the Clark County line. There also a large infestation of Sahara mustard treated in Armagosa Valley.

Hwy 160 – Weeds known to be present are Sahara mustard, Malta starthistle, Russian knapweed and Scotch thistle. Sahara mustard was found and treated between Pahrump and the county line Russian knapweed was treated near the Pahrump area.

Hwy 267 – Was not visited 2017.

Hwy 317 – Weeds that are known to be present are spotted knapweed, hoary cress, Scotch thistle, poison hemlock, and perennial pepperweed. No spotted knapweed found this year. We treated saltcedar along the right-of-way.

Hwy 318 – Weeds that are known to be present are spotted knapweed, hoary cress, Russian knapweed, Dalmatian toadflax, Scotch thistle, must thistle, and salt cedar. Overall the highway is clean. Isolated patches of Russian knapweed, spotted knapweed, and salt cedar exist to the Hwy 93 intersection. Small infestations of Scotch thistle were treated this year. Small infestations of spotted knapweed north of the White River Narrows were also treated. Russian knapweed was treated in 2017..

Hwy 319 – Weeds that are known to be present are Dalmatian toadflax, Scotch thistle, Russian knapweed, spotted knapweed, perennial pepperweed, and Scotch thistle. Small isolated patches of Scotch thistle are scattered along the entire route to the state line. No spotted knapweed, Russian knapweed, or perennial pepperweed found this year..

Hwy 320 – Weeds that are known to be present are spotted knapweed, musk thistle, Dalmatian toadflax and Scotch thistle. Spotted knapweed and Scotch thistle treated in 2017.

Hwy 321 – Weeds that are known to be present are spotted knapweed, Scotch thistle, and Dalmatian toadflax. Spotted knapweed and Scotch thistle, and Dalmatian toadflax was treated north of Pioche this year along this route.

Hwy 322 – Weeds that are known to be present are Dalmatian toadflax, spotted knapweed, puncture vine and Scotch thistle. Spotted knapweed treated around Junction 93. Scotch thistle treated along entire route. Hoary cress was treated just east of Pioche.

Hwy 361 – Salt cedar is present along this route. The infestation is moderate just south of Gabbs, with small isolated patches to the north and south of the main infestation. Russian knapweed was found again this year and treated.

Hwy 372 – From the intersection of Hwy 160 in Pahrump through the city limits are patches of Russian knapweed on both sides of the highway continuing to the state line. Russian knapweed were treated this year.

Hwy 373 – No weeds present in 2017.

Hwy 374 – No weeds present in 2017.

Hwy 375 – Russian knapweed and Scotch thistle occur along this route however only Scotch thistle was treated this year.

Hwy 376 – Weeds that are known to be present are salt cedar, Scotch thistle, perennial pepperweed and hoary cress. Hoary cress exists around Carver area. The salt cedar is located midway between Hwy 6 and Carver. Salt cedar appeared to be dead. Spotted knapweed treated near Round Mountain. Hoary cress and Russian knapweed treated in Carvers.

Hwy 377 – This highway was not treated in 2017.

Hwy 379 – There are small patches of both hoary cress and Russian knapweed. Perennial pepperweed was found this year and treated along with hoary cress. No Russian knapweed was found in 2017.

Hwy 487 - Spotted knapweed treated in 2017.

Hwy 488 – Weeds that are known to be present are spotted knapweed and Russian knapweed. The spotted knapweed is just outside of the National Park boundary. The Russian knapweed is located on the road that connects Hwy 487 and Hwy 50. Spotted knapweed was found and treated next to the park boundary. No Russian knapweed was found this year.

Hwy 490 – Weeds that are known to be present are hoary cress, Russian knapweed and spotted knapweed. Heavy infestations of hoary cress occur from the intersection of Hwy 93 to Hercules Gap. Hoary cress was treated along the entire route. Small patches of spotted knapweed were treated but no Russian knapweed was found in 2017.

Hwy 844 – No weeds present in 2017.

Hwy 722 – Hoary cress and Russian knapweed were found and treated in 2017.

Hwy 892 – Weeds that are known to be present are hoary cress, musk thistle, bull thistle, Scotch thistle, spotted knapweed, perennial pepperweed and water hemlock with large infestations of musk just north of Hwy 50. No perennial pepperweed was found this year.

Hwy 893 – Hoary cress, perennial pepperweed, spotted knapweed, Canada thistle and Scotch thistle were treated in the spring. No Russian knapweed was present this fall.

Hwy 894 – Musk thistle and spotted knapweed were treated in 2017 along this route.

Hwy 895 – Not treated in 2017.

Hwy 168 – Russian knapweed is known to be present at the Glendale interchange in the Moapa Valley and next to the Warm Springs Ranch. Sahara mustard was found and treated this year.

Ely Station – Spotted knapweed was treated at this station in 2017.

OBSERVATIONS OF THE 2017 SEASON

New infestations were found and treated. It was an excellent year to manage the seed soil bank. We targeted saltcedar in a number of areas we have not focused on in some time.

Miscellaneous Income		
<i>Source</i>	<i>Description</i>	<i>Amount</i>
Money Market Interest Income	<i>Mellon Investments & Wells Fargo Securities</i>	\$4,463.82
BP Livestock	<i>Herbicide</i>	\$2,271.50
APEX	<i>Herbicide</i>	\$1,266.50
Steve Mildrum	<i>Equipment</i>	\$130.17
Total Miscellaneous Income		\$8,131.99

PRIVATE LANDOWNERS AND/OR COOPERATIVE WEED MANAGEMENT AREAS (CWMA)				
<i>Southern Nevada Water Authority</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA (Spring Valley)</i>
Subcontract #X0329 Ground Water Development Project-Ranch Treatments	<i>musk thistle, hoary cress, bull thistle, perennial pepperweed, spotted knapweed, cocklebur, burdock, Canada thistle, field bindweed, Scotch thistle, common mullin.</i>	293.54	\$30,840.00	\$300.00
Subcontract #X0329-Well Sites	<i>bareground</i>	34.85	\$4,160.00	n/a
SNWA X0355 Warm Springs, Project X0423 (spring treatment)	<i>Malta starthistle, Russian thistle, perennial pepperweed, Russian knapweed, silver nightshade, Johnson grass</i>	61.44	\$18,519.33	n/a
SNWA X0026/508	<i>Canada thistle, bull thistle, houndstongue, common yarrow, hoary cress</i>	49.51	\$5,000.00	n/a
Warm springs Fall	<i>Russian knapweed</i>	17.41	\$11,857.60	
Total Southern Nevada Water Authority		456.75	\$70,376.93	\$300.00

PRIVATE LANDOWNERS BY COUNTIES				
<i>Lincoln County</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>Lincoln CD</i>
Frye Ranch	Russian knapweed	1.54	n/a	\$900.15
Total Lincoln County Landowners		1.54	\$0.00	\$900.15
<i>Nye County</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Berg, Ron	<i>herbicide</i>	n/a	\$600.00	n/a
Duckwater	<i>bareground</i>	15.00	\$3,375.00	n/a
Duckwater Spring Treatment	<i>perennial pepperweed, hoary cress, Russian knapweed, Scotch thistle, water hemlock, poison hemlock, muck thistle, bull thistle</i>	607.08	\$20,537.48	n/a
Duck Water Fall Treatments	<i>Russian knapweed</i>	307.90	\$30,660.41	n/a
Eastley, Joni	<i>bareground</i>	0.74	\$344.96	n/a
Galvin, Patty	<i>bareground</i>	0.15	\$109.96	n/a
Joyner, Kari	<i>herbicide</i>	n/a	\$160.00	n/a
Bermundez, Saul	<i>bareground</i>	1.00	\$291.00	n/a
M&K Enterprise C&C Mini Storage and Joe Westerland	<i>bareground</i>	1.10	\$281.50	n/a
Paul, Joe	<i>bareground</i>	0.40	\$135.59	n/a
Puckett, Chris	<i>bareground</i>	0.64	\$227.71	n/a
Kinross Round Mountain Golf course	<i>broad leaf: perennial pepperweed, spotted knapweed</i>	47.51	\$2,211.07	n/a
Kinross Driving range	<i>bareground</i>	9.03	\$1,806.00	n/a
Motis, Rick	<i>bareground</i>	1.05	\$284.13	n/a
Shampans, Boone	<i>batreground</i>	0.49	\$210.48	n/a
Town of Tonopah	<i>bareground</i>	6.58	\$2,573.30	n/a
Tonopah Water District	<i>bareground</i>	9.38	\$1,616.74	n/a
Town of Belmont; Buildings and Grounds	<i>bareground</i>	10.72	\$1,700.00	n/a
	<i>TCWC In-Kind</i> \$362.84			
Wesco Operating	<i>bareground</i>	4.30	\$1,655.97	n/a
Total Nye County Landowners		1,023.07	\$68,781.30	n/a

<i>White Pine County</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>WPCD</i>
Anderson, Wendy	<i>herbicide</i>	n/a	\$14.60	n/a
Jim Bath	<i>herbicides</i>	n/a	\$242.00	n/a
Bald Mountain-Kinross <i>Mine Man Camp</i>	<i>bareground</i>	9.98	\$1,721.28	n/a
Bald Mountain Kinross (<i>Summer treat</i>)	<i>musk thistle, bull thistle, hoary cress, Scotch thistle</i>	100.46	\$40,298.34	n/a
Bald Mountain-Kinross Mooney Basin Road	<i>Scotch thistle; musk thistle; saltcedar; bull thistle; hoary cress</i>	47.44	\$12,201.66	n/a
Cleveland Ranch	<i>herbicide</i>	n/a	\$90.00	n/a
Cleveland Ranch	<i>herbicide</i>	n/a	\$180.00	n/a
Kinross Vantage Survey	<i>n/a</i>	1,184.45	\$5,200.00	n/a
Carter, Matt	<i>herbicide</i>	n/a	\$1,480.00	n/a
Evans, John, 10.13.17	<i>herbicide</i>	n/a	\$13.56	n/a
Henery, Marrietta	<i>bareground</i>	0.20	\$76.50	n/a
Leavitt, Paul	<i>herbicide</i>	n/a	\$28.00	n/a
Lemich, Mike	<i>Bareground</i>	4.84	\$268.44	n/a
Mt. Wheeler Power	<i>herbicide</i>	n/a	\$652.00	n/a
O'Brien, Dan	<i>bareground</i>	2.00	\$395.50	n/a
Ruth Town Council	<i>spotted knapweed, hoary cress, dyers woad</i>	38.55	\$2,000.00	n/a
	<i>TCWC In kind \$187.97</i>			
Timko, Joe	<i>herbicide</i>	n/a	\$160.00	n/a
Uhalde, Gracian	<i>bullthistle, musk thistle, Scotch thistle</i>	82.5	\$2,145.51	\$2,700.00
Uhalde, Gracian	<i>herbicide</i>	n/a	\$110.77	n/a
Uhalde and Sons	<i>rabbit brush</i>	14.0	\$1,328.10	n/a
<i>Total White Pine County Landowners</i>		<i>1,484.42</i>	<i>\$68,606.26</i>	<i>\$2,700.00</i>

<i>Tonopah Conservation District (TCD)</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>TCD</i>
Battle Mountain BLM-TCD's Agreement L16AC00017, Mod 3	<i>hoary cress, perennial pepperweed, musk thistle</i>	65.85	\$15,000.00	n/a
	<i>TCWC In-kind \$240.99</i>			
Battle Mountain BLML17AC0017 Mod 1	<i>Russian Knapweed</i>	2.67	\$6,325.69	n/a
Ray Kretchmer	<i>perennial pepperweed</i>	2.00	\$771.81	\$771.81
Total Tonopah Conservation District		70.52	\$22,097.50	\$771.81

COOPERATIVE WEED MANAGEMENT AREAS (CWMA)				
<i>No. Nye/Esmeralda CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>TCD</i>
Boni, Keith	<i>bareground</i>	0.41	\$76.87	\$25.63
Puggy LLC	<i>bareground</i>	0.40	\$75.00	\$25.00
Eckhart, Kurt	<i>bareground</i>	0.25	\$46.87	\$15.63
Motis, Rick, Town of Belmont, 0405.04.2017	<i>bareground</i>	0.50	\$93.75	\$31.25
Romano, Tony	<i>bareground</i>	0.60	\$112.50	\$37.50
Terras, John	<i>bareground</i>	1.50	\$330.00	\$45.00
Total No. Nye & Esmeralda Counties CWMA		3.66	\$734.99	180.01

<i>Golden Gate CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Uhalde, Gracian; Adaven	<i>Scotch thistle</i>	4.60	n/a	\$2,442.87
Total Golden Gate CWMA & Members		4.60	\$0	\$2,442.87
<i>Newark-Long Valley CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Cowboys Rest	<i>herbicide</i>	n/a	n/a	\$676.00
Goicoechea Ranches	<i>spotted knapweed, Scotch thistle, musk thistle, Canada thistle</i>	16.63	\$1,134.13	\$747.00
Pete Goicoechea	<i>spotted knapweed, poison hemlock, Scotch thistle, musk thistle</i>	10.48	\$509.34	\$870.82
Mooreman Ranch	<i>hoary cress</i>	2.75	n/a	\$575.07
Gracian Uhalde	<i>hoary cress</i>	2.11	n/a	\$398.10
Paharagat		31.97	\$1,643.47	\$3,266.99

<i>Pahranagat Valley CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Steve Meldrum	<i>herbicide</i>	n/a	n/a	\$2,554.00
John Hiatt, Whipple Ranches	<i>herbicide</i>	243.08	\$8,488.42	\$200.00
Steve Meldrum	<i>herbicide</i>	n/a		\$1,155.00
	<i>TCWC In-kind \$353.00</i>			
Total Pahranagat Valley CWMA & Members		243.08	\$8,488.42	\$3,909.00
<i>Railroad Valley CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Forsgren, Alan	<i>perennial pepperweed, bull thistle</i>	0.69	0	\$468.15
Calamunda Ranch	<i>hoary cress</i>	176.38	\$3,052.68	\$500.00
Total Railroad Valley CWMA & Members		177.07	\$3,052.68	968.15

<i>Snake Valley CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Almburgh, Vivian	<i>musk thistle</i>	0.68	n/a	\$414.81
Baker Ranches 5.31.17	<i>hounds tongue and bull thistle</i>	3.12	n/a	\$1,052.52
Baker Ranch 8.1.17	<i>spotted knapweed</i>	2.43	n/a	\$741.23
Burdick, Martin	<i>herbicide</i>	n/a	n/a	\$14.60
Burdick, Martin-Oceola	<i>musk thistle</i>	0.41	n/a	\$113.77
Crouch, Robin	<i>hounds tongue, bull thistle, Canada thistle, hoary cress</i>	2.58	n/a	\$1,994.59
Garrison Reservoir	<i>houndstongue</i>	13.10	n/a	\$5,833.52
Gonder, Daisy	<i>spotted knapweed, musk thistle, Scotch thistle</i>	1.05	n/a	\$194.04
Gonder, Dawn	<i>spotted knapweed</i>	0.01	n/a	\$38.31
Jordan, Ron	<i>spotted knapweed, Scotch thistle</i>	0.31	n/a	\$105.08
School of Natural Order	<i>houndstongue</i>	1.88	n/a	\$1,035.99
Surland, David	<i>spotted knapweed, Scotch thistle</i>	0.33	n/a	\$110.58
Town of Baker	<i>spotted knapweed, musk thistle</i>	0.10	n/a	\$103.62
Eldridge, Dave	<i>Scotch thistle, curly top</i>	4.39	n/a	\$682.23
<i>Total Snake Valley CWMA & Members</i>		<i>30.39</i>	<i>\$0</i>	<i>\$12,434.89</i>

<i>Southern Nevada CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Brackenburry, Jarred	<i>herbicide</i>	n/a	n/a	\$37.20
Coyote Springs Golf Course	<i>Salt Cedar</i>	5.74	\$457.42	\$1,200.00
<i>Total Southern Nevada CWMA & Members</i>		<i>5.74</i>	<i>\$457.42</i>	<i>\$1,237.20</i>

<i>Spring Valley CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Ahlvers, Fred	<i>hoary cress</i>	0.10	n/a	\$44.63
Cleveland Ranch	<i>hoary cress</i>	4.50	\$107.65	\$300.00
Fillman, Pat	<i>herbicide</i>	n/a	n/a	\$91.00
Youren Debra	<i>herbicide</i>	n/a	\$96.00	\$450.00
Vogler, Hank	<i>wild iris</i>	26.55	\$1,185.00	\$300.00
<i>Total Spring Valley CWMA & Members</i>		<i>31.15</i>	<i>\$31,388.65</i>	<i>\$1,185.63</i>

<i>Steptoe/Butte Valley CWMA</i>	<i>Species Targeted</i>	<i>Acreage</i>	<i>Private Landowner</i>	<i>CWMA</i>
Ag District 13	<i>spotted knapweed</i>	1.35	\$78.85	\$200.00
Almberg, John	<i>spotted knapweed</i>	1.65	n/a	\$199.83
Bath, Jim;	<i>Scotch thistle</i>	0.40	n/a	\$106.22
Baker, Nancy	<i>hoary cress, bullthistle, bur buttercup</i>	3.61	\$262.52	200.0
Auclair, Eric	<i>spotted knapweed</i>	0.02	n/a	\$39.46
Bradley, Burke 5.30.17	<i>hoary cress, spotted knapweed</i>	n/a	n/a	\$78.36
Bradley, Burke	<i>spotted knapweed</i>	0.02		\$76.57
Barton, Heather	<i>hoary cress</i>	0.50		\$147.78
Colman, Charles	<i>burr buttercup</i>	1.06	n/a	\$119.40
Carson, Keith	<i>hoary cress, bull thistle, musk thistle</i>	11.35	\$363.00	\$193.95
Barlette, Bob	<i>hoary cress</i>	0.15	n/a	\$38.23
Clayton, Bob	<i>hoary cress, poison hemlock, muskthistle</i>	5.00	\$447.97	\$200.00
Criner, Jan	<i>hoary cress</i>	0.45	\$102.78	\$111.65
Dale, Denise 5.10.20	<i>hoar cress, burr buttercup</i>	1.00	n/a	\$40.81
Eldridge, Cozette	<i>spotted knapweed</i>	1.67	\$191.54	\$200.00
Eldridge, Robin	<i>spotted knapweed</i>	0.93	\$42.88	\$200.00
Evans, John	<i>herbicide</i>	n/a	n/a	\$5.46
Georgetown Ranch 5.01.17	<i>hoary cress, poison hemlock</i>	1.77	n/a	\$176.42
Gale, Lance, Georgetown Ranch	<i>Russian knapweed, bull thistle</i>	1.40	n/a	\$332.71
Gale, Lance	<i>hoary cress, spotted knapweed</i>	1.10	\$44.00	\$200.00
Godon, Brian	<i>herbicide</i>	n/a	n/a	\$75.00
Haslem, Rick	<i>spotted knapweed, hoary cress</i>	0.34	n/a	\$108.24
Henroid, Sam	<i>herbicide</i>	n/a	\$442.00	\$200.00
Henroid, Scott	<i>hoary cress, burr buttercup</i>	0.50	n/a	\$175.66
Hermansen, Bret	<i>, spotted knapweed</i>	1.00	\$30.15	\$200.00
J&M Trucking	<i>hoary cress</i>	.23	n/a	\$153.04

Jacobs, Raquel	<i>Spotted knapweed and burr buttercup</i>	0.01	n/a	\$42.75
Kemp, Cliff 5.11.17	<i>musk thistle</i>	1.00	\$34.30	\$200.00
Kemp, Cliff	<i>hoary cress, spotted knapweed</i>	0.32	n/a	\$361.79
Keough, Timothy	<i>hoary cress</i>	0.94	n/a	\$196.50
Leet, Kurt	<i>herbicide</i>	n/a	n/a	\$9.10
Locke, Tony	<i>hoary cress</i>	4.77	\$132.58	\$200.00
Maes, Dan	<i>herbicide</i>	n/a	n/a	\$62.00
Martin, Jerry	<i>spotted knapweed</i>	1.10	n/a	\$187.80
Marquez, Gene	<i>hoary cress</i>	0.40	n/a	\$162.02
Netcher, Janet	<i>spotted knapweed; burr buttercup</i>	1.63	\$49.92	\$200.00
Oxborrow, Ron	<i>hoary cress, bur buttercup</i>	1.00	n/a	\$190.00
Oxborrow, Tom	<i>hoary cress, bur buttercup</i>	1.57	\$83.58	\$200.00
Pickering, Kirsty	<i>hoary cress</i>	0.10	n/a	\$39.23
Rose, Brent	<i>hoary cress, spotted knapweed</i>	0.63	n/a	\$52.50
Robison, Doug	<i>hoary cress</i>	0.90	n/a	\$127.06
Ryan, Maria	<i>bur buttercup</i>	1.80	\$90.66	\$200.00
Stolk, Jason	<i>spotted knapweed</i>	0.10	n/a	\$78.82
Stultz, Richard	<i>spotted knapweed</i>	1.94	\$241.32	\$200.00
Tehama Creek Ranch/Kathy Smith	<i>hoary cress, musk thistle, Canada thistle</i>	6.56	\$358.20	\$200.00
Thomas, Karen	<i>bur buttercup, night shade</i>	0.55	n/a	\$176.25
Volunteer Day	<i>herbicide</i>	n/a	n/a	\$113.48
Windows, Vince	<i>spotted knapweed</i>	2.24	\$30.50	\$200.00
Wines, Sam 4.28.17	<i>herbicide</i>	n/a	n/a	\$27.00
Wines, Sam 6.21.17	<i>hoary cress</i>	0.75	n/a	\$126.74
Wise, Allen	<i>hoary cress</i>	0.45	n/a	\$123.32
White Pine Care Center	<i>Scotch thistle</i>	1.20	\$108.34	\$200.00
White Pine Golf Course	<i>hoary cress, spotted knapweed, poison hemlock</i>	3.16	\$223.50	\$200.00
White Pine 4H Shooting Range	<i>hoary cress</i>	1.19	\$67.03	\$80.02
Wilson, Jenny	<i>hoary cress, poison hemlock</i>	3.53	n/a	\$184.00

Bill & Judy Wolf	<i>hoary cress</i>	1.68	\$146.50	\$200.00
Total Steptoe/Butte Valley CWMA & Members		75.02	\$3,572.12	\$8,319.17

Upper Meadow Valley CWMA	Species Targeted	Acreage	Private Landowner	CWMA
Hornbeck, Ronda	<i>puncture vine, Scotch thistle, bull thistle</i>	1.33	n/a	\$941.92
Spring Valley State Park	<i>Scotch thistle, bull thistle, poison hemlock, water hemlock</i>	2.38	n/a	\$2,000.00
	TCWC In kind \$162.42			
Ursine Dump and Ditch	<i>Scotch thistle, musk thistle, bull thistle, hoary cress</i>	0.70	n/a	\$1,053.19
Yach, Joyce	<i>Scotch thistle, musk thistle</i>	1.33	n/a	\$194.73
Total Upper Meadow Valley CWMA & Members		5.74	n/a	\$4,189.84
White River Valley CWMA	Species Targeted	Acreage	Private Landowner	CWMA
EH Gubler	<i>herbicide</i>	n/a	n/a	\$720.00
Allred, Jim	<i>meadow barley</i>	6.03	n/a	\$472.39
Ashworth, John	<i>hoary cress</i>	4.01	n/a	\$305.00
Ashworth, John	<i>herbicide</i>	n/a	n/a	\$96.00
Boren, Shane	<i>herbicide</i>	n/a	n/a	\$595.00
Breitrick, John	<i>herbicide</i>	n/a	n/a	\$191.00
Cannon Ranches	<i>morning glory</i>	26.88	\$896.99	\$200.00
Gardner, Brent	<i>herbicide</i>	n/a	\$280.00	\$700.00
Gardner, Brent 04.17.17	<i>herbicide</i>	n/a	\$180.00	n/a
Gardner, Brent 5.24.17	<i>herbicide</i>	n/a	\$652.00	n/a
Gardner, Brent 9.09.17	<i>herbicide</i>	n/a	\$92.00	n/a
Gardner, Brent 9.29.17	<i>herbicide</i>	n/a	\$2,384.00	n/a
Gubler, Denton	<i>herbicide</i>	n/a	n/a	\$1,368.00
Halstead, Dan 5.9.17	<i>herbicide</i>	n/a	n/a	\$28.10
Halstead, Dan 7.3.17	<i>herbicide</i>	n/a	n/a	\$524.00
Hendrix, Norris	<i>herbicide</i>	n/a	\$614.44	\$700.00
Jensen, Daren	<i>herbicide</i>	n/a	n/a	\$820.00

Johnson, Dana 3.30.17	<i>herbicide</i>	n/a	n/a	\$636.00
Johnson, Dana 9.5.17	<i>herbicide</i>	n/a	n/a	\$64.00
Johnson, Dana 9.22.17	<i>herbicide</i>	n/a	\$664.00	n/a
Joyner, Kari 4.17.17	<i>herbicide</i>	n/a	n/a	\$190.00
Joyner, Kari 5.26.17	<i>herbicide</i>	n/a	n/a	\$61.00
Kirch Wildlife	<i>Russian knapweed</i>	69.28	n/a	\$4,000.00
	<i>TCWC In Kind \$698.37</i>			
Lane, Gary 5.08.17	<i>herbicide</i>	n/a	n/a	\$191.00
Lane, Gary 5.15.17	<i>herbicide</i>	n/a	n/a	\$204.00
Lane, Gary 12.27.17	<i>herbicide</i>	n/a	\$1,625.00	n/a
Levitt, Paul	<i>herbicide</i>	n/a	n/a	\$416.00
Lund Volunteer Day	<i>herbicide</i>	n/a	n/a	\$799.54
Macfarlan, Betsy	<i>pasture</i>	19.84	\$163.73	\$700.00
Maynard, Orvan	<i>herbicide</i>	n/a	n/a	\$320.00
Rosevear, Dan	<i>herbicide</i>	n/a	n/a	\$672.00
Rosevear, Dan 5.9.17	<i>hoary cress</i>	n/a	\$679.00	\$28.00
Rosevear, ,Dan	<i>herbicide</i>	n/a	\$92.00	n/a
Rocking 13 Ranches (Marci Jensen)	<i>Scotch thistle</i>	n/a	n/a	\$682.00
Seal Tyler	<i>herbicide</i>	n/a	n/a	\$96.00
Total White River Valley CWMA & Members		126.06	\$11,218.43	\$15,779.03
***** **		*****	*****	*****
Total CWMA's & Members		734.46	\$27,660.91	\$53,444.54
Total Private Landowners Not Included in the CWMA's		3,036.30	\$229,861.99	\$4,671.96
State and Federal Agencies		1,149,334.77	\$520,209.96	\$0.00
Miscellaneous Income			\$8,131.99	
Total Project		1,153,105.53	\$785,864.85	\$58,116.50

In 2016, Tri-County Weed Control's net income was \$1,007,727.92 In 2017, Tri-County Weed Control's total income was \$845,987.03 TCWC in-kind of \$2,005.59, for a net total of \$843,981.44. This is a decrease of approximately 16% from 2016.

