

Our Role: The Gunnison County Weed Management Program coordinates and promotes integrated noxious weed management in the Gunnison Basin in compliance with the Colorado Noxious Weed Act, provides contracted weed management services for federal, state, county and municipal agency partners, provides landowner education and consultation on plant ecology and habitat restoration and implements and inspects reclamation projects.

Work Completed in 2022:

State-Listed Noxious Weed Control

Of over 2,000 acres monitored for state-listed noxious weeds during the 2022 (May through early November), over 2,000 acres were monitored and over 50 infested acres were identified and treated using chemical, mechanical and cultural control methods. Treatment locations, herbicide acreages, hours worked and cooperator’s annual monetary contributions were as follows. Weed management staff are licensed by the CO Department of Agriculture. For additional details of any of these treatment plans, please contact the Weed Management Program.

<u>Cooperator</u>	<u>Treatment Site</u>	<u>Acres</u>	<u>Cooperator</u>	<u>Treatment Site</u>	<u>Acres</u>
NPS \$5,875.00	Ponderosa Campground	0.210	USFS \$5,287.50	Slate River Road to Wash Gulch Pass	0.053
	Elk Creek Marina/Campground	0.053		Oh-be-Joyfull Trail to Wilderness Boundary	NA
	Lake Fork Marina/Campground	0.100		Kebler Pass area + spurs	0.135
	Bay Of Chickens	0.100		Washington Gulch, from Winter Trailhead to pass	0.067
	Iola Boat Launch	0.020		Cement Creek Road	0.067
	Elk Creek Campground	0.053		Los Pinos Area	0.067
	Steven's Creek and Red Creek Group Campground	0.053		Alpine Plateau, FR 867	0.270
	Red Creek, musk thistle infestations near Highway, below Pine Creek	0.160		Coal Creek Road	0.530
	Pine Creek	0.060		FR 723 Red Creek	0.160
	Lake Fork boat launch, Bay of Chickens, Red Creek	0.200		Lost Canyon FR 743	0.160
	Elk Creek Campground, Visitor Center, Marina, Stevens Creek, Iola boat launch	0.200			
	Total Acres	1.209		Total Acres	1.509
	Hours Worked	50		Hours Worked	45

Gunnison County Weed Management Program
2022 Annual Report



State-Listed Noxious Weed Control (continued)

<u>Cooperator</u>	<u>Treatment Site</u>	<u>Acres</u>
CPW	Beaver Creek State Wildlife Area (SWA)	0.070
\$1,492.25	Sapenaro SWA (724)	0.210
	Sapenaro SWA - Red Creek	0.310
	Tomichi SWA	0.019
	Total Acres	0.609
	Hours Worked	15

Hinsdale County	CR 20, CR 21	0.150
\$1,880.00	CR 30, CR 33	0.470
	Total Acres	0.620
	Hours Worked	17

City of Gunnison	West of 10th St, South of Hwy 50	0.100
	Fence road by airport, I Bar Road to SWA	0.053
	University perimeter, east side streets	0.130
	West of Blvd, South of 50	0.186
	East end	0.130
	Total Acres	0.599
	Hours Worked	21

<u>Cooperator</u>	<u>Treatment Site</u>	<u>Acres</u>
CDOT	Hwy 114	0.790
\$27,000.00	Hwy 135	1.890
	Hwy 149	3.220
	Hwy 50	2.180
	Hwy 92	0.520
	Total Acres	8.600
	Hours Worked	231

Town of Pitkin	Town of Pitkin	0.100
\$353.00	Total Acres	0.100
	Hours Worked	3

BLM	Alpine Loop	0.079
	Red Bridge BLM 64	0.043
	Hartman Rocks	0.033
	Steers Gulch	0.067
	Hartman Rocks - West	0.014
	Hartman Rocks - East	0.014
	Total Acres	0.249
	Hours Worked	40

Saguache County	Doyleville Cut off 14PP	0.260
	Doyleville Cut off 14PP	0.310
	Gold Basin	0.310
	CR NN 14	0.260
	Total Acres	1.140
	Hours Worked	26

Previously treated cheatgrass infestation site, now thriving with natives (Beaver Creek SWA)



State-Listed Noxious Weed Control (continued)

<u>Cooperator</u>	<u>Treatment Site</u>	<u>Acres</u>
Town of Crested Butte \$14,335.00	Elk Ave alleys	NA*
	Streets, alleys and ROWs west of Hwy 135 and north of Teocalli, Kapushin Trail	0.053
	Streets, alleys and ROWs west of Hwy 135, Elk Ave & Treasury Hill	0.106
	Streets, alleys and ROWs east of Hwy 135	0.130
	Butte sledding hill, perimeter of bus barn and water treatment, Slate Trail	0.330
	Rec Path easements near ball field. Town owned lots	0.026
	Town-owned lots and green-way. Water Treatment Facility	0.135
	Big Mine Park, Disc Golf Course, hill below bench	0.135
	Gravel Pit and hillside	0.540
	Crested Butte Cemetery	0.540
	Crested Butte Cemetery	0.310
	Gravel pit hillside (north end) + Rec {Path, Pump Track, Avalanche Park	0.230
	Westside snow-storage, streets, alleys and ROWs south of Elk Ave, West of 135	0.345
	Avalanche Park, Clear-cut, Baxter Trail, 'Mogel Storage' track	0.120
	Coal Creek, alleyways	NA*
	Lupine Trail Town parcel	0.096
	E of 135 + Red Lady Open Space, Kapushin Tr, Industrial zone, west side snow storage, Center for the Arts	0.210
	CB Community School gravel pit, Town Park perimeter. Clarks lot and building perimeter	0.180
	Butte Ave, Water Treatment Facility, Bus Barn, Sledding Hill construction perimeter, Pyramid St.	0.210
	Thorough inspection of all west side alley ways for Canada thistle	0.070
Big Mine Park, Community Weed Pull Event (see image below)	NA*	
	Total Acres	3.766
	Hours Worked	122

*NA = hand-pulled



TOWN WEED PULLING: The Town of Crested Butte hosted a weed pulling event around the Nordic Center and the Big Mine Ice Rink last week. After bringing back a bag of weeds, weed pullers were given free hot dogs and popsicles. PHOTO BY NOLAN BLUNCK

Gunnison County Weed Management Program
2022 Annual Report



State-Listed Noxious Weed Control (continued)

<u>Cooperator</u>	<u>Treatment Site</u>	<u>Acres</u>	<u>Treatment Site</u>	<u>Acres</u>	
Gunnison County \$23,030.00	Cement Creek Bridge	NA	CR 818	0.020	
	Gunnison Water Park	0.020	CR 730 (Ohio Creek Road)	0.050	
	CR 17 & Antelope Hills	0.210	Peanut Lake Rd	0.100	
	CR 20	0.100	CR 38 + D1 yard	0.021	
	CR 17	0.053	CR 76	0.370	
	CR 32	0.053	FR 3	0.150	
	CR 38	0.123	CR 12	0.230	
	Somerset	18.800	CR 730 Ohio Creek Road	0.210	
	Somerset County Shop	0.026	CR- 6	0.080	
	CR 12	0.042	CR 727	0.080	
	CR 265	0.053	CR 730	0.100	
	CR 2	0.053	Meridian Lake Subdivision	0.053	
	CR 77	0.026	CR 887	0.067	
	CR 44	0.026	CR 771	0.067	
	CR 76	0.050	Upper Taylor Canyon CR 742	0.330	
	CR 11	0.026	Lower Taylor Canyon CR 742	0.130	
	CR 48E	0.026	CR 48, CR 48C, CR 48A, Ohio Meadows	0.810	
	CR 58	0.020	CR 744, CR 54	0.186	
	CR 721 (Soap Creek Road)	0.050	CR 888	0.750	
	CR 10	0.020	CR 887	0.135	
	CR 743	0.020	CR 25	0.160	
	CR 8	0.050			
				Total Acres	4.099
				Hours Worked	196



Cement Creek Road, targeted cheatgrass treatment

Looking Ahead to 2023:

- Build capacity to effectively treat, monitor and map noxious and invasive weed infestations and educate the public.
- Identify opportunities to meet with Gunnison County Reclamation Permit applicants to discuss strategy and provide recommendations for weed mitigation and revegetation prior to construction to ensure successful post-construction reclamation inspections. Based on observations in 2022, new construction is bringing new weeds to the valley:

- Scotch thistle (*Onopordum acanthium*)
- black henbane (*Hyoscyamus niger*)
- cheatgrass (*bromus techtorum*)
- bull thistle (*Cirsium vulgare*)
- Dame's rocket (*Hesperis matronalis*)



black henbane



cheatgrass

- Continue to meet with existing property owners/managers to provide recommendations for weed management.
- Work with Gunnison Basin Habitat Restoration and Cheatgrass Coordinator to seek and secure grant funding that will support continued financial assistance and educational outreach to private landowners and continue the integration of re-vegetation into weed management projects, with priority focus on GuSg habitats.
- Participate in Gunnison Basin Sagebrush Ecosystem Alliance activities.
- Continue reseeding/hydro-mulching following any development in rights-of-way, parking lot perimeters, parks, common areas, etc.
- Continue to lead community interpretive wildflower and weeds walks.
- Upgrade spray equipment to ensure ongoing precision of herbicide applications and safety of applicators
- Stay healthy, accident-free and safety-focused, as we did in 2022.



Native Pasqueflower