

Integrated Weed Management Plan

Boulder County Parks & Open Space

Annual Report

2025

Contents

2025 Boulder County Parks & Open Space Integrated Weed Management Plan Implementation Annual Report 5

- Applicable Laws, Regulations, and Policies..... 5

Executive Summary 6

- Summary of Accomplishments 6
- Progress on Strategic Goals 7
- Treatment Methods Used 8
 - Cultural Methods:..... 8
 - Mechanical/Manual Treatments: 8
 - Biological Control:..... 9
 - Chemical Treatments: 9
- Challenges 10
- Looking Ahead and Building on 2025 Progress..... 10

2025 IWMP Report..... 12

- Eradication: 14
- Biodiversity Preservation and Enhancement: 15
- Suppression: 16
- Infrastructure: 17

Progress on County-specific Implementation Goals..... 18

- Implementation Goal 1.** Reduce herbicide applications by 50% by 2030. 18
- Implementation Goal 2.** Eliminate about 3,000 acres of cheatgrass infestations within High Biodiversity Areas located along the foothills by 2030. 18
- Implementation Goal 3.** Implement a range of pilot projects to evaluate effectiveness of select noxious weed management treatments and their applicability to BCPOS natural lands..... 19
 - Hand-pulling hairy willow herb (List A) with volunteers at Pella Crossing and along ditches* 19
 - Steam weeding*..... 20
 - Soil amendment for cheatgrass control in a High Biodiversity Area* 21
 - Goat browsing*..... 23
 - Volunteer projects expansion* 26
- Implementation Goal 4.** Conduct surface water impacts study..... 28

Implementation Goal 5. Continue supporting integrated weed management research on BCPOS natural lands.	28
Implementation Goal 6. Update reporting methods to increase availability of BCPOS integrated weed management activity data.	29
Implementation Goal 7. Implement integrated weed management actions in fulfillment of the BCPOS management objectives discussed in Section 4.	30
<i>Reduce populations of Eradicate species within Eradication Management Areas. By 2030, eliminate 10 species from BCPOS natural lands and rights-of-way.</i>	30
Preserve Biodiversity on BCPOS natural lands by conducting and maintaining restoration projects in Biodiversity Protection Management Area.	31
Suppress designated noxious weed populations in Suppression Management Areas.....	33
Protect Roads, Trails, and Other Infrastructure by managing vegetation to increase public safety and preserve structure integrity.....	37
Summary of Drone Applications	38
Distribution data provided to the Colorado Department of Agriculture for any species designated for eradication or any species undergoing a rule change under “Rules.”	44
List A species eradication progress	46
Dyer’s woad.....	47
Hairy willowherb	48
Knotweeds	49
Mediterranean sage	50
Myrtle spurge.....	51
Orange hawkweed	52
Purple loosestrife.....	53
Rush skeletonweed.....	54
Yellow flag iris	55
Cypress spurge.....	56
Yellow starthistle	56
Giant reed	56
Herbicide application records listed in section 4.6.....	56
Private Property Notifications and Enforcement.....	56
Appendices Accessibility Disclaimer	59

Appendix A: Attribute Table for 2025 BCPOS Colorado Department of Agriculture Noxious Weed
Distribution Data Map..... 60

Appendix B: List A Population Tables.....131

Appendix C: Herbicide Application Records with Notification Date and Time150

Appendix D: 2025 Tasks by Activity and Objective Charts.....233

2025 Boulder County Parks & Open Space Integrated Weed Management Plan Implementation Annual Report

This report gives an overview of the first full year of Boulder County’s Integrated Weed Management Plan (IWMP). The Board of County Commissioners adopted the plan on November 6, 2024. The report meets the requirements in Section 5.2 of the IWMP. It describes work done on natural lands and trails managed by Boulder County Parks & Open Space (BCPOS), as well as along county roads and rights-of-way.

BCPOS natural lands cover about 34,000 acres of native rangeland and natural areas. These lands do not include leased cropland, irrigated pasture, or forage areas. Those areas follow the Cropland Policy and are managed by the Agricultural Resources Division. The report also includes data from some private properties that Boulder County monitors but does not control.

Applicable Laws, Regulations, and Policies

All weed management activities follow local, state, and federal laws for herbicide use. This includes meeting label requirements and any Endangered Species Protection Bulletins. BCPOS collaborates with an interdisciplinary team to create treatment plans. These plans focus on minimizing effects on sensitive resources. They also follow best practices. You can see this in IWMP Figure 4-3: Treatment Plan and Method Selection Process.

The **COLORADO NOXIOUS WEED ACT** requires BCPOS to provide maps and the associated attribute tables for List A species distribution to the Colorado Department of Agriculture Commissioner. This requirement is found in the **8 CCR 1206-2 - RULES PERTAINING TO THE ADMINISTRATION AND ENFORCEMENT OF THE COLORADO NOXIOUS WEED ACT**. The **RULES** outline that within one year of detection, any local governing body with a population of any List A species must provide to the State Weed Coordinator mapping data in a form prescribed by the Commissioner, pertinent to each population including, but not limited to species name, population location(s) including distribution and measure of abundance (e.g., percent cover, total number of plants, density per unit area) and estimated infested acreage. BCPOS meets this requirement by submitting eradication species data to the Early Detection and Distribution Mapping System (EDDMapS). For more information on the distribution data submitted see pages 48 - 49 and Appendix C.

Executive Summary

The 2025 Boulder County Parks & Open Space Integrated Weed Management Plan (IWMP) Annual Report details the first full year of the plan in action. The Boulder County Board of Commissioners approved the IWMP on November 6, 2024.

In 2025, staff followed the IWMP to guide weed management efforts. This report highlights clear progress on key goals, better operations, and stronger strategic priorities. Boulder County shows its dedication to integrated weed management and caring for the environment through these achievements.

Summary of Accomplishments

- **Expanded Capacity and Structure:** Adding a full-time position and a lead seasonal role helped redistribute the workload. This added support helped the team move closer to the IWMP goals, which span over 34,000 acres of natural land and all Boulder County rights-of-way. Staff efforts alone cannot meet all plan objectives. The report shows how staff, contractors, and volunteers all helped with IWMP implementation. The report includes data on hours worked across these groups.
- **Pilot Project Implementation:** In 2025, staff started five multi-year pilot projects. These projects aim to test new strategies for managing weeds effectively.

These projects focus on:

- Manually removing hairy willowherb
- Steam weeding at trailheads
- Soil amendments to control cheatgrass
- Goat browsing for restoration and fire safety
- The Weed Warrior volunteer program

The pilots aim to find out what works best. The information gained from the pilots will guide future integrated strategies. In 2026, we will analyze these projects in more detail. We'll look at methods and lessons learned and make recommendations. We will base recommendations on time, cost, long-term effectiveness, and other factors for mitigation. We will also consider what sites can be effectively treated and how scalable pilot methods are. Full reporting for 2025 pilot data is available on pages 22–31.

- **Data and Transparency Enhancements:** Switching to a modern Asset Management System (AMS) improved our data collection, operation tracking, and result reporting. The team plans to launch a public dashboard in 2026. It will show real-time, GIS-integrated information on herbicide applications. This will make data more transparent and reduce administrative work. The dashboard will be available here: *Invasive Plants and Weed Management on Open Space - Boulder County*.
- **Operational Implementation:** The Noxious Weed Work Group treated 292 areas over 12,733 acres. They used mechanical, chemical, biological, and cultural methods.

Progress on Strategic Goals

- **Herbicide Reduction:** A main goal of the Integrated Weed Management Plan (IWMP) is to use fewer herbicides on Parks and Open Space properties over time. We track progress by measuring how many acres are treated each year.

In 2025, herbicides were applied to 495 acres. This shows good progress toward our long-term goal of cutting herbicide-treated acres by 50% by 2030. We had planned to treat about 1,295 acres in 2025 to control cheatgrass (as part of IWMP Goal 2). However, 800 acres of drone treatments were postponed. This change affects the yearly average and should be noted in future reports to give an accurate picture of how the plan is being carried out and how we are moving toward the herbicide reduction goal.

- **Cheatgrass Elimination:** Preparatory work for drone applications in High Biodiversity Areas was finished in 2025, as planned. However, implementation was not completed that year. It will be done during the 2026 season.

Cheatgrass Management in High Biodiversity Areas Downy brome, also known as cheatgrass (*Bromus tectorum*) is a Colorado State List C species. This means it is common and spread throughout the state. So, completely removing it isn't practical. Instead, the state recommends controlling it when needed and leaves decisions about how to manage it up to local land managers. Our staff follow this approach when dealing with List C species in natural areas.

BCPOS staff view cheatgrass as a top concern. It hurts native plants, harms ecosystems, disrupts wildlife habitats, and affects fire patterns. These impacts create bigger ecological problems. Cheatgrass takes over native plants, especially short-lived ones. This includes annuals, biennials, and some perennials that cannot compete.

High Biodiversity Areas have many rare plants. These plants are at greater risk of local extinction due to cheatgrass. Before the EPA approved indaziflam, staff had few effective options for managing cheatgrass. Tools such as herbicides, mowing, grazing, prescribed fire, and mechanical treatments often produced mixed results. They usually needed yearly applications, which made long-term management inefficient. Also, in many natural areas, terrain and ecology limited prescribed fires and mowing. This allowed cheatgrass to spread and thrive.

Starting in 2015, BCPOS used indaziflam in carefully controlled applications. We closely monitored its effectiveness and any unintended effects. Treatments expanded gradually as native plants responded well. In 2020, the EPA approved indaziflam for grazing areas under the Rejuvra label. This decision enabled more focused management when needed.

Research from outside groups, like peer-reviewed studies, has looked at its effects on:

- Pollinators
- Native plant diversity
- Soil microbes
- Carbon storage
- Wildlife use
- Wildfire fuel

These studies often compared treated and untreated areas. They showed that management goals are being met.

The IWMP aims to treat 3,000 acres of High Biodiversity Areas. This effort will target rugged terrain and employ science-based management techniques using indaziflam. The goal is to protect biodiversity. We aim to restore native ecosystems and to reduce wildfire risk in Boulder County's sensitive landscapes.

- **Research and Innovation:** Research on noxious weeds has advanced through the Boulder County Small Grant Research Program. One example is a study on cheatgrass and fire fuel moisture. Internal monitoring by the Biodiversity Group also supports this work. These efforts help guide adaptive management and inform operational decisions.
- **Public Engagement:** Volunteer programs grew in 2025, especially the Weed Warriors group. Volunteers contributed more than 562 hours to cultural restoration. They helped with weed monitoring and hand-weeding (see pages 29–31).

Treatment Methods Used

In 2025, BCPOS used a fully integrated approach to weed management. This included a mix of biological, chemical, cultural, and mechanical strategies.

Cultural Methods:

Cultural strategies help stop weeds from spreading. They also help restore native plant communities. In 2025, these methods were used on 2,217 acres, about 6.5% of Boulder County's natural lands. Key actions included:

- **Volunteer Engagement:** We held seven one-time events in addition to several continuing programs. Programs included Weed Warriors and Hairy Willowherb removal. These efforts gave more than 562 volunteer hours for manual removal and monitoring.
- **Boot Brush Stations:** Located at four trailheads. They help reduce seed spread and educate visitors.
- **Revegetation:** We used native seeds and mulch at restoration sites. This helps native plants outcompete invasive ones and boosts ecosystem resilience.

Cultural methods require a lot of work, but they are key for prevention and long-term success. They also allow the public to get involved. This helps build community awareness and stewardship.

Mechanical/Manual Treatments:

Mechanical and manual methods are vital for handling large infestations. They help keep public areas safe. In 2025, these methods were used on 10,021 acres, about 29% of Boulder County's natural lands. Actions included:

- **Mowing:** We mowed 1,419 miles along roads and 1,680 acres of open space were mechanically treated. This work improved sightlines, reduced fire risk, and limited seed production.
- **Weed Whipping:** Done along trails and trailheads for suppression goals (135.5 staff hours).

- **Hand Pulling/Digging:** Focused on eradication species and sensitive sites, required 744 staff hours plus volunteer support.
- **Steam weed:** Pilot project treated 1.35 acres of weeds.

Mechanical methods work well for reducing seeds and managing large areas quickly. Manual removal is used for small infestations or sensitive habitats where precision matters. Both require repeated treatments over several years for lasting results.

Biological Control:

Biological control is an important part of Boulder County’s weed management strategy. In 2025, staff completed 26 releases of classical biocontrol agents. This effort took 47.5 staff hours. These releases targeted weeds such as Dalmatian toadflax, St. Johnswort, Russian knapweed, leafy spurge, and poison hemlock. In addition, goats were used for browsing on more than 100 acres across eight sites.

Biological control helps manage invasive species. But it needs careful planning and monitoring to work effectively. Releases are fairly simple once a site check confirms the target species is present and dense enough. But there are limits. These include agent availability, the time to establish (usually three to five years), and uncertainties like reproduction and movement.

Costs are hard to compare with other methods because there is no standard cost-per-acre measure. Material costs are low, but the biggest expense is staff time for monitoring. This is due to the number and spread of release sites and the need for follow-up over several years.

To improve evaluation, we plan to use the Standard Impact Monitoring Protocol (SIMP). This system tracks vegetation cover, weed density, and biocontrol agents over time. SIMP will also create opportunities for volunteers, including local students and natural resource monitors, to help with long-term monitoring. Staff will provide training and oversight.

Biological control works best on sites that meet these conditions:

- The infestation is dense, and restoration is not currently possible
- The species does not significantly harm biodiversity at its current level

Acreage estimates are not available because releases happen at specific points within infestations, not across entire mapped areas.

Chemical Treatments:

Chemical control is used when it's the most practical and effective option for meeting management goals. In 2025, herbicides were applied on 495 acres, which is about 1.46% of Boulder County’s 34,000 acres of natural lands. Spot spraying was used on small infestations and species targeted for eradication. Broadcast spraying was used on dense infestations and restoration sites to reduce competition from invasive plants. Planned drone spraying for cheatgrass in rugged terrain was postponed.

Common herbicides included Milestone, Rejuvra, and Plateau. All were approved under IWMP protocols. They were chosen based on effectiveness, site conditions, and safety guidelines. For more details, see IWMP Section 4.3: Herbicide Selection and Use.

Chemical treatments can cut costs for big infestations. However, they need to follow strict rules to keep the environment safe. This means following EPA-approved labels, using buffer zones, and applying at the right time to avoid harming non-target plants and animals.

We ensure compliance by:

- Requiring certified applicators
- Following standard procedures
- Auditing application records

Herbicide use is tracked each year to measure progress toward the IWMP goal of reducing treated acreage by 50% by 2030.

Challenges

Operational Constraints

Managing invasive species across 34,000 acres takes significant resources. Seasonal staff work only at specific times of the year. This, along with overall staff limits, reduces scheduling flexibility for treatments. These timing challenges make it harder to respond quickly and effectively.

Adjacent Land Impacts

Untreated weeds on private land keep spreading into public areas. This reverses progress and means we need ongoing outreach and coordination with landowners.

Herbicide Options

Recent changes to herbicide policy have cut down the options for managing resistance. This limits flexibility. It also makes it harder to use best practices fully in some situations.

Drone Application Delays

Drone treatments for cheatgrass in rough terrain were delayed.

Looking Ahead and Building on 2025 Progress

The first full year of IWMP implementation built a solid base for Boulder County. It aims to protect biodiversity, restore native ecosystems, and lower wildfire risk. In 2026, BCPOS will build on this progress by:

- Advancing pilot projects
- Scaling successful strategies

- Addressing operational challenges identified during the initial year

Key priorities include:

- **Refining Integrated Approaches:** Check the pilot project results. Look for what can be scaled up, what is cost-effective, and how it benefits the ecosystem. Use cultural, mechanical, biological, and chemical methods wisely and strategically.
- **Enhancing Monitoring and Transparency:** Increase the use of the Asset Management System. Also, launch a public dashboard that displays real-time data on herbicide use and treatment progress.
- **Strengthening Community Engagement:** Expand programs like Weed Warriors and volunteer monitoring programs. These volunteer efforts help build shared stewardship of Boulder County's natural lands.
- **Herbicide Compliance and Safety:** Continue to follow strict herbicide policy. Also, explore alternative tools that are effective and better for the environment.

Boulder County is dedicated to meeting IWMP goals. We aim to cut herbicide-treated acreage by 50% by 2030. We also focus on protecting sensitive ecosystems. This commitment relies on science-based strategies, adaptive management, and community involvement.

2025 IWMP Report

The Boulder County Integrated Weed Management Plan update (IWMP) was approved on November 6, 2024. Plan implementation began in January of 2025 when the IWMP funding became available and the period for all related data capture concluded on December 31, 2025. The entire plan implementation concludes in 2030.

This report documents implementation progress, key learnings, successes, challenges, and opportunities from the first year following the 2025 IWMP update. Despite challenges encountered during implementation, the revised IWMP core components achieved many successes, which — along with associated challenges — are discussed in detail throughout this report. Among the most notable successes were the following three outcomes:

Staff and Seasonal Reallocation: The addition of one new full-time staff position through the IWMP revision process allowed for a more balanced distribution of workloads and increased focus on key noxious weed management activities. In addition, the Noxious Weed Group, which relies heavily on seasonal employees, implemented a lead seasonal employee structure to improve field coordination and productivity. Collectively, these staffing enhancements resulted in increased productivity during the 2025 season and significantly strengthened both the IWMP implementation process and the overall program.

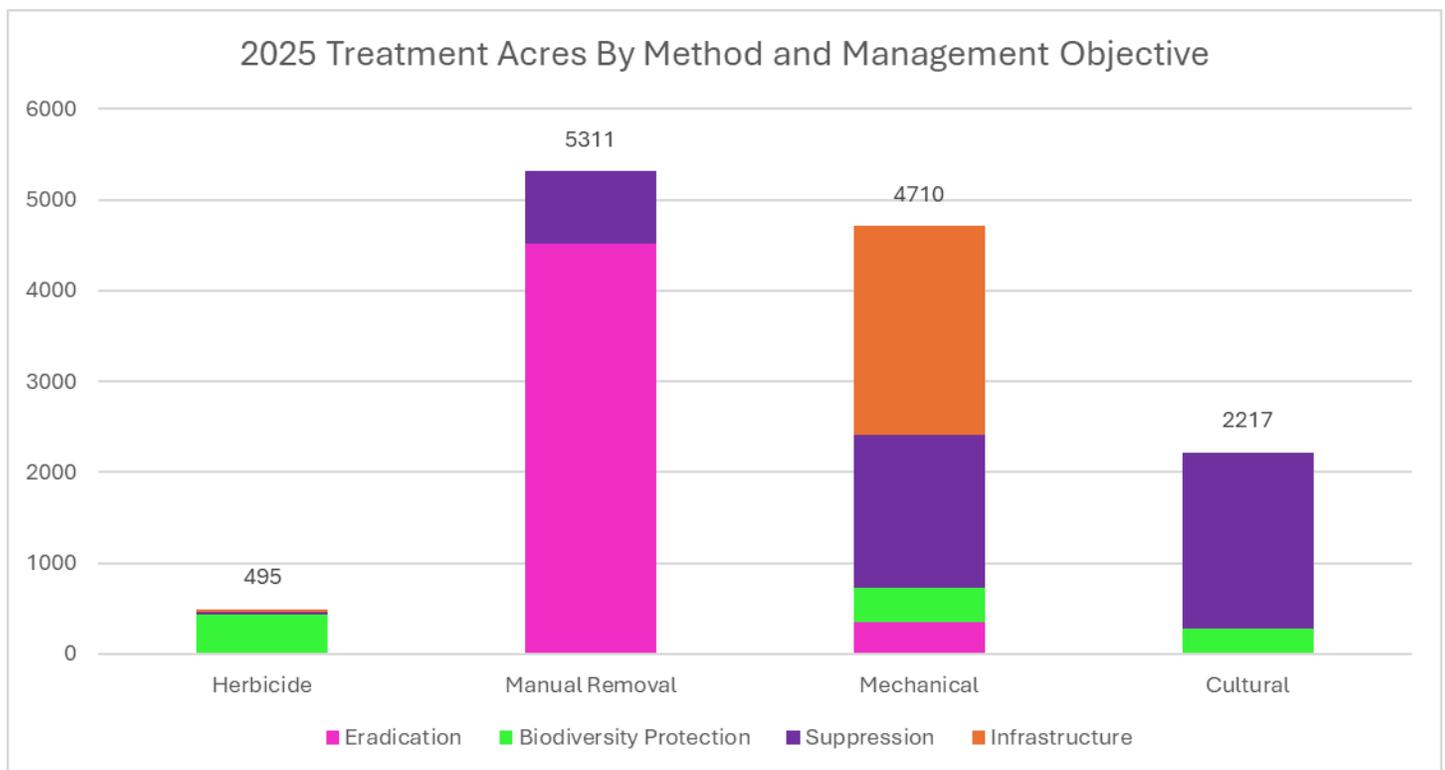


Pilot Project Launches: In 2025, staff successfully implemented all five pilot projects evaluating a range of noxious weed management tools. These projects included a manual removal of the perennial List A species hairy willowherb, steam weeding at trailhead parking lots, a soil amendment for cheatgrass control, goat browsing for ecological restoration, general noxious weed management and wildfire mitigation efforts, and the volunteer-led Weed Warrior initiative. Together, these pilot projects represent an important step toward expanding and diversifying the tools available to support an integrated weed

management approach. Additional details on project outcomes, successes, and challenges are provided under Implementation Goal 3.

Data and AMS Transition: Another major implementation success in 2025 was the adoption of the Asset Management System by the Noxious Weed Group. This system enhanced operational efficiency, tracking, and program coordination. A more detailed discussion of implementation successes and challenges related to this system is provided under Implementation Goal 6 and the data arising out of that use is provided in all related appendices.

In 2025, the Noxious Weed Work Group carried out 292 weed treatment projects across approximately 12,733 acres using a variety of treatment methods. These efforts demonstrate a flexible and effective approach to managing noxious weeds across the landscape. The graph below shows how different treatment methods were used to meet specific management goals.



Eradication:

Management of Eradication species designated by the Colorado Department of Agriculture under the Colorado Noxious Weed Act and its associated Administrative Rules is required by state law and is a critical component of the approved IWMP. These efforts focus on early detection and rapid response (EDRR) in priority areas where eradication is feasible and where preventing establishment provides the greatest long-term ecological benefit.

To support this objective, the County tracks labor and treatment efforts of a five-person Eradication Team composed of one specialist, one seasonal crew lead, and three seasonal field staff. In 2025, the team spent 216 hours completing 252 eradication-species assessments across approximately 26,215 acres. Of these assessments, 41 found no abundance of plants. The team completed 121 eradication treatments covering approximately 4,876 acres. Manual removal and targeted herbicide application were the primary treatment methods used to address eradication species.

Eradication acreage values often represent a high estimate because tasks are tracked by individual species populations. When multiple eradication species occur within the same area, acreage is recorded separately for each species. Additionally, sites often get multiple assessments to ensure no plants were missed.

Collaborative projects are a critical component of the Eradication Team's success. This is reflected in the distribution of the 704 hours spent on treatment tasks, as shown in the table below. The most successful collaborative effort was a cross-jurisdictional treatment and educational day at Heil Valley Ranch targeting Rush skeletonweed. This effort included participation from three partner agencies and additional BCPOS staff and resulted in the removal of more than 19,000 plants.

Labor Source	Hours
Weed Staff Members	400.0
Volunteers	107
Outside Agency	139.0
Youth Corps	6
Other BOCO Staff	51.0

Key Learnings/Opportunities:

- **Invasion/Re-invasion** - An ongoing challenge under the eradication management objective is invasion or re-invasion of eradication species from seed source populations on nearby private property. BCPOS staff provide sightings to Boulder County Community and Planning Permitting staff each year to help address this challenge. Increasing awareness and collaboration based on key access points is a potential opportunity for improvement.
- **Capacity for treatment** - An additional challenge is completing all the work required to assess and treat all populations of eradication species on BCPOS natural lands and BOCO rights-of-

ways. In 2025, there were 35 assessments and 32 treatments that weed staff did not complete for known eradication populations.

Biodiversity Preservation and Enhancement:

In 2025, the Biodiversity Preservation and Enhancement Team added two seasonal staff to support the monitoring program, resulting in a total of 1,025 staff hours dedicated to monitoring activities. During the season, staff conducted 97 weed assessments across approximately 3,550 acres under the biodiversity preservation and enhancement management objective. These assessments led to 63 weed treatments on approximately 1,071 acres. Of those acres, 374 acres were on active and past restoration sites. In 2025, the biodiversity staff completed 17 hours of manual weed removal and 73 hours of mechanical control across approximately 372 acres.

Monarch Park was identified for revegetation in 2022 due to severe degradation, including minimal desirable vegetation, high densities of noxious weeds, and significant erosion. Following extensive revegetation efforts in 2023 and 2024, recovery has been substantial. To continue restoration efforts, in 2025, biodiversity staff implemented an integrated weed management approach that included goat browsing, mechanical control, manual control, and some limited herbicide use. These treatments were designed to support the establishment and favorable response of drilled native species, consistent with the framework outlined in the 2024 IWMP.

Key Learnings and Opportunities:

- **Project Delay** - One of the most significant challenges faced by the biodiversity crew in 2025 was the pause of the cheatgrass drone application program. Approved and incorporated into the IWMP, planning for the program required interdisciplinary coordination and a comprehensive contract bidding process, 27 hours of drone site polygon mapping and 23 hours of baseline vegetation monitoring to ensure project safety and approvals.
- **Herbicide Availability** - Another challenge in 2025 was adapting to changes in the availability of herbicides. As part of the IWMP revision process, several herbicides were removed from the herbicide list. These products had previously been highly effective tools for noxious weed control and ecological restoration. Several of the removed herbicides also played an important role in preventing and managing herbicide-resistant species, such as kochia. The ability to rotate and combine herbicide modes of action is a critical component of resistance management and helps limit weed seed production and the spread of resistance. BCPOS is currently working to approve additional herbicides to address resistance concerns that have already been documented on several properties. The herbicide approval process can be found in Appendix D of the IWMP.

Suppression:

With the addition of a full-time staff member, the Noxious Weed Group established a dedicated Suppression Team focused on the management of State List B noxious weed species designated for containment and suppression by the Colorado Department of Agriculture under the Colorado Noxious Weed Act and its associated Administrative Rules, which is required by state law and is a critical component of the approved IWMP. Following adoption of the IWMP update, the team's primary objective has been weed control through suppression, with emphasis on trail corridors, trailhead periphery areas, and historically known infestations.

The Suppression Team consists of one full-time suppression technician, one lead seasonal technician, and two seasonal technicians. During the reporting period, suppression-focused tasks resulted in 116 weed assessments, leading to 62 weed treatments. In several cases, multiple management activities were implemented at the same site to achieve effective suppression. These activities included manual digging of rosettes and seedlings, follow-up weed whipping later in the season, and, as necessary, spot herbicide applications to address perennial regrowth.

Treatment methods employed included mechanical techniques (mowing, weed whipping, and manual digging or pulling), herbicide applications, biological control releases, and integrated mechanical and cultural treatments conducted in partnership with Weed Warriors at Walker Ranch.

During the first year of IWMP implementation, the Suppression Team focused on managing State List B noxious weed species while also defining how it could best support the other Noxious Weed Group teams in meeting overall management objectives. This initial year emphasized clarifying the team's role within the Noxious Weed Group and the department, as well as establishing the framework for a sustainable, long-term suppression program.

Progress: The creation of the Suppression Team within Parks and Open Space expanded the program's capacity to carry out targeted assessments and implement suppression treatments for State List B noxious weed species.

Suppression Management Objective:

Acres by Activity

- Weed Assessment: 32,530
- Weed Treatment: 4,448

Hours by Activity

- Weed Assessment: 166
- Weed Treatment: 651

Number of Tasks by Activity

- Weed Assessment: 116

- Weed Treatment: 62

Key Learnings and Opportunities:

- **Scale and Performance Window** – This group works across a significant property portfolio with 120 miles of trail and 34,000 acres of land designated as natural areas spread throughout the county with limited time within the growing season to assess and manage weed infestations utilizing seasonal staff who are only employed for six months of the year.

Infrastructure:

In 2025, BCPOS restructured mowing operations by consolidating roadside and open space mowing under one full-time staff position, enabling seasonal mowers to operate as a unified team. This increased operational capacity, reduced turnaround times for roadside mowing, and improved response times to service requests. The reorganization also allowed staff to allocate additional time to open space and fire mitigation mowing during preferred treatment windows, improving fuel management and reducing weed dispersal risk. The return of three experienced seasonal staff accelerated early-season deployment and minimized training needs.

The Infrastructure Team spent 19 hours completing 62 assessments on infrastructure throughout the year. Those assessments led to 38 treatments that covered 2,221 acres in total. In addition, 1,656 hours of staff time were used in roadside mowing operations that completed 3.5 rounds of mowing county road rights-of-way totaling 1,419 miles. Fire mitigation mowing operations were performed on eight properties totaling 118 acres and 34 treatment hours.

Key Learnings/Opportunities:

- **Staff Training and Equipment Readiness** - The main challenge this year for infrastructure was training new full-time staff and managing equipment breakdowns. This led to a reduction in roadside safety and infrastructure spraying operations and shifted operational focus to other methods as equipment was being fixed. Roadside spray operations focused their time on public safety in coordination with Public Works Road Maintenance to treat medians on important stretches of roads and List A infestations on county rights-of-way. Staff were able to shift work when tractors and mowers were down to use smaller equipment to treat smaller infestations and treatment areas.

Progress on County-specific Implementation Goals

Implementation Goal 1. Reduce herbicide applications by 50% by 2030.

The primary objective of this goal is to reduce annual herbicide-treated acreage to 560 acres by 2030. This target was established using the three-year pre-2024 average of 1,120 acres treated annually.

During development of the IWMP, it was recognized that progress toward this reduction target would not be linear due to the creation of Goal 2, which prioritizes treatment of cheatgrass infestations causing disproportionately severe ecological impacts within areas of exceptionally high biodiversity, as identified by the Colorado Natural Heritage Program and supported by site-specific studies. *The ecological necessity of addressing cheatgrass in these priority areas requires short-term increases in treated acreage to achieve long-term ecosystem protection and restoration outcomes.*

Progress toward Goal 1 continues to be measured using the metric “annual acres treated with herbicide,” which also captures implementation of Goal 2. For example, the Red Hill Drone Winter Annual Grass Control Project, originally planned for implementation in 2025, would have resulted in a projected total of approximately 1,295 herbicide-treated acres for 2025. With the project paused in late 2025, actual treated acreage totaled 495 acres. When the planned cheatgrass treatment acres are considered, total projected acreage aligns closely with the three-year baseline average used to establish the 50% reduction target.

As progress is made toward achieving Goal 2 and cheatgrass elimination is completed—estimated at approximately 3,000 acres—annual herbicide-treated acreage is expected to decline, supporting achievement of the 2030 reduction target. Shifts in methodology, as considered, may hinder desired results, the speed of implementation progress, and long-term effects on full area biodiversity.

Implementation Goal 2. Eliminate about 3,000 acres of cheatgrass infestations within High Biodiversity Areas located along the foothills by 2030.

This goal emphasizes the protection of High Biodiversity Areas through targeted drone-based herbicide applications to control cheatgrass infestations (see IWMP page 40).

These priority areas are also designated by the Colorado Natural Heritage Program as Globally or Highly Irreplaceable ecosystems within Boulder County. This designation is further supported by post-treatment monitoring data of ground-based treatments in the area which demonstrated substantial improvements in native plant diversity following cheatgrass control. To ensure appropriate management of these areas, allowances were intentionally incorporated into the goal framework to account for necessary cheatgrass treatments, with completion anticipated by 2030 or earlier.

Drone treatment areas are characterized by rugged foothill terrain that is unsuitable for treatment using conventional ground-based methods. Properties identified as meeting these terrain and ecological

criteria for drone treatments include Ron Stewart Preserve at Rabbit Mountain, Hall Ranch, Heil Valley Ranch Complex, and Walker Ranch.

In 2025, in accordance with IWMP parameters, an approximately 800-acre treatment area was identified within the Red Hill Area west of U.S. Highway 36 and south of Colorado Highway 66. Baseline vegetation data were collected using transects and photo documentation to quantify the extent of winter annual invasive grass infestation. An Invitation for Request for Proposals (IRFP) was issued and awarded. Prior to project implementation, the project was paused for further review, and the application was not completed during the 2025 season.

Implementation Goal 3. Implement a range of pilot projects to evaluate effectiveness of select noxious weed management treatments and their applicability to BCPOS natural lands.

BCPOS is implementing a range of pilot projects to evaluate effectiveness of select noxious weed management treatments and their applicability to BCPOS natural lands. These four treatment methods were identified during the 2023-2024 public planning process as having potential for application on BCPOS natural lands.

Hand-pulling hairy willow herb (List A) with volunteers at Pella Crossing and along ditches

In 2023, BCPOS began a pilot project testing mechanical methods for removing hairy willowherb at Pella Ponds. The pilot project tests the effectiveness of hand digging hairy willowherb in a three-year volunteer driven pilot.

Achieving eradication requires removal of the entire rootstalk along with any existing rhizomes of the plant in the ground to avoid regrowth from root fragments. Ground disturbance from associated digging can also create opportunities for other noxious weeds to take hold in the disturbed soil. The pilot project is evaluating strategies for overcoming these challenges.

The second season of this pilot project was in 2025. The pre-treatment assessment did indicate a decrease in density of plants in a small area, which allowed for a flush of native flora; but most of the site was still heavily infested with dense patches of hairy willowherb plants.

This work is weather dependent and benefited from three volunteer events and one additional weed staff only removal day in 2025. Volunteers contributed 8.5 hours, while staff contributed 34 hours. Around 15,900 plants were removed. Costs beyond staff time were minimal. The eradication objective was not achieved as not all plants or plant propagules were removed and seeding occurred. For this pilot project to try to meet the objective of eradication next year, more early volunteer events with additional staff days need to be allocated. Regarding scale and replicability, there are no current plans to expand this pilot project to other areas pending evaluation of management objective performance at Pella Ponds.

Steam weeding

Steam weeding is a practice found to be successful where systems can operate on hard surfaces and steaming equipment has prevalent access to adequate water, power, and necessary equipment. While not expected to be applicable across large acreage, it can prove helpful at trailheads where bare ground is desired for infrastructure and safety. Edaphic Solutions performed steam weeding throughout the 2025 growing season at the Ron Stewart Preserve at Rabbit Mountain Open Space, focusing on parking areas and associated pedestrian/equestrian access corridors. Treatments were conducted to maintain bare ground conditions within gravel and hardscape use areas and reduce invasive species' establishment to preserve the integrity of the infrastructure and for public safety.

Common weed species observed and treated during trial periods included:

- Field bindweed (*Convolvulus arvensis*)
- Kochia (*Bassia scoparia*)
- Canada thistle (*Cirsium arvense*),
- annual and perennial grasses (various *Poaceae spp.*)
- common dandelion (*Taraxacum officinale*)
- puncturevine/goat's head (*Tribulus terrestris*)

Weed infestations were found in dense patches of plants throughout the growing season. Populations were reduced in the late summer due to limited moisture and repeated steam treatments.

Five treatments were conducted from June through October in the two-acre parking lot. A total of 22.75 labor hours provided by the contractor were needed to complete the treatments. An additional two hours of staff time was used for assessments and additional staff time was needed for administering the contract that was not tracked. Water is needed to perform this treatment type, and the contractor was asked to track their water usage for the treatments; a total of 1,075 gallons of water were used over the five treatments. Additional usage of a generator was needed for some of the treatments, which added to the treatment cost. During the summer, the contractor experienced equipment breakdowns that delayed treatments and allowed vegetation to return. Perhaps additionally challenging, treatments are required every four to six weeks as vegetation can quickly regrow, and new seeds can still germinate after treatments. This will be a large hurdle if this project is to expand to other areas.

Date	Time	Weather	# Workers	Hours	Total (hrs)	Species	Gallons of Water
06-23	11:00–16:00	60°F, cool and breezy	1	5	5	All observed species treated	300
07-17	11:00–13:00	70°F, partly cloudy	2	2	4	All observed species treated	100
08-19	11:00–16:00	90°F, sunny	1	5	5	All observed species treated	250
09-11	11:00–15:45	75°F, scattered storms	1	4.75	4.75	All observed species treated	225

10-10	12:00–16:00	65°F, sunny	1	4	4	All observed species treated	200
-------	-------------	-------------	---	---	---	------------------------------	-----

The final cost of the steam weeding pilot project was \$2,275. Due to limited experience with steam weeding, BCPOS was expecting the cost for the project to be higher and will continue to monitor the operations costs in future years to determine how much budget is needed to continue and expand this treatment type. Overall, the cost of steam treatments is substantially more than the standard treatment of bare ground herbicide or mechanical control.

The efficacy of the treatments is the most anticipated part of this pilot project as it has not been used on any of BCPOS properties. The treatment killed the weeds in the target zone, and it was visibly clear which plants were damaged. Due to limited residual effects with steam weeding, frequent treatments are needed to subdue regrowing weeds and newly germinating seeds. The treatments did initially meet the objective, and the short- and long-term effectiveness will be evaluated next season when the returning vegetation can be assessed. Comparison to the current methods of chemical application and mechanical control can then be evaluated for effectiveness, feasibility, and cost. Further experience and observation are needed to see the long-term efficacy of the pilot project.

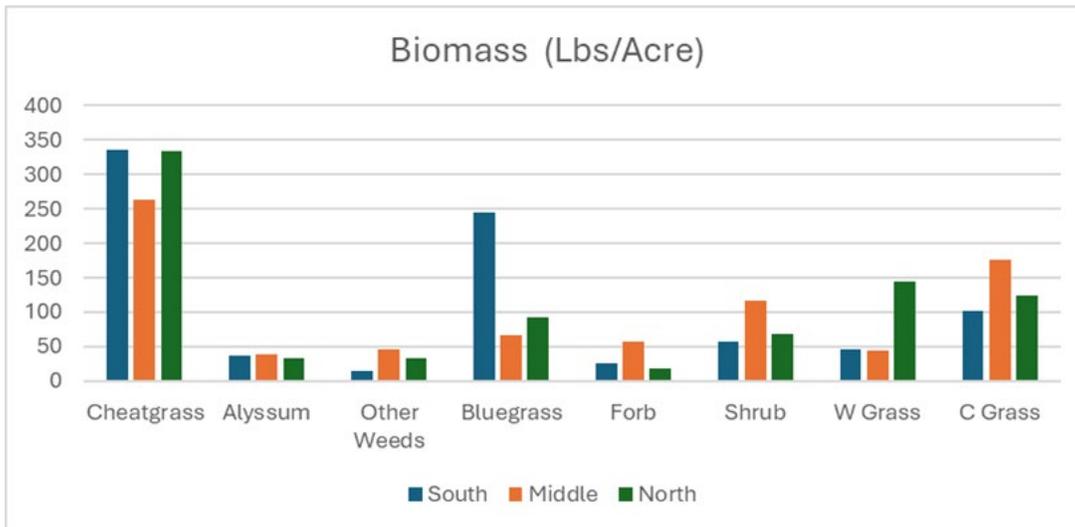
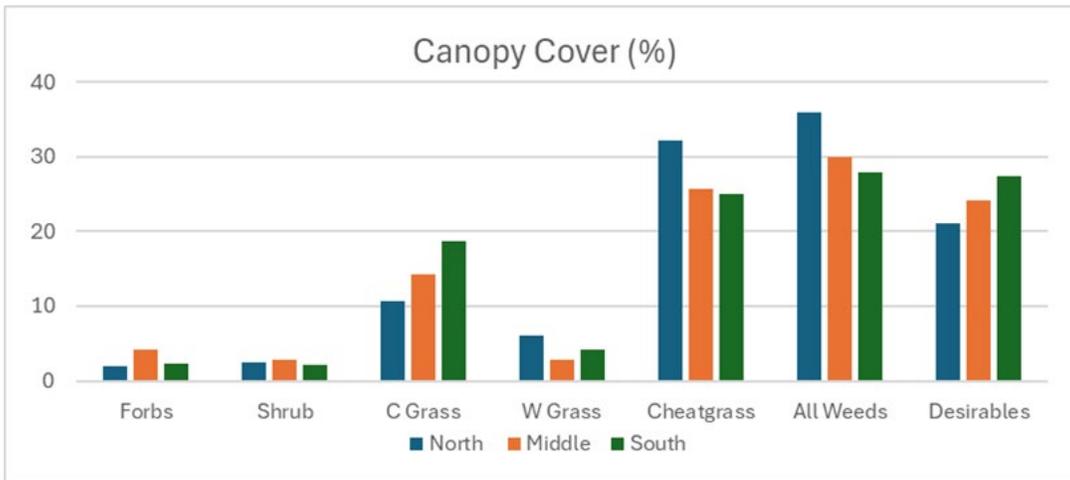
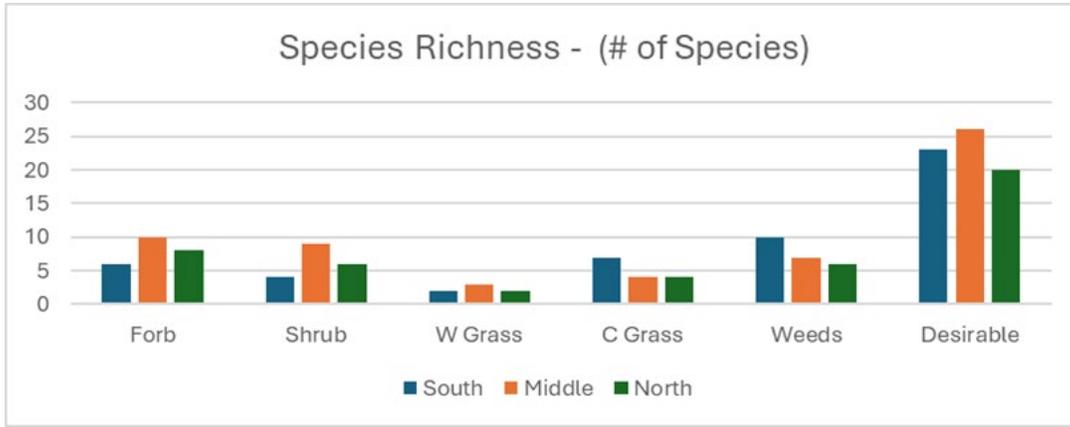
Regarding scale and replicability, an additional area to explore is the use of the steam to suppress noxious weeds around the trailheads. The ability to treat individual weeds in the vegetative buffers around the trailhead and in the vegetative islands within the trailhead will be valuable in the overall goal of infrastructure weed control. Weather dependency, timing, duration, and length of time between treatments need to be monitored to determine how many treatments are needed or possible each growing season.

Expansion of the pilot is possible at other trailheads as resources (i.e., equipment and funding) become available. For 2026, staff are looking to expand the project to include the Walker Ranch Loop and Ethel Harrold Trailheads at Walker Ranch Open Space to help aid the work being done by the Weed Warrior Pilot Project and expand experience with steam treatments. If steam weeding is seen as a viable long-term solution, an analysis will be completed to determine if it is best to continue contracting the work or to buy the equipment and increase staff utilization.

Soil amendment for cheatgrass control in a High Biodiversity Area

In 2025, test plots to evaluate cheatgrass control methods using soil amendments were installed on three sites at Ron Steward Preserve at Rabbit Mountain Open Space. The objective of these test plots is to compare cheatgrass control over 14 different treatments of soil amendment, herbicides, or a combination of both amendment and herbicides versus the non-treated areas for baseline comparison. Baseline native and weed species monitoring took place utilizing 221 hours of staff time. Monitoring included baseline species diversity/richness, canopy cover, and biomass measurements across the 14 sites. Year one treatments took place in November of 2025 with an additional treatment timing planned for winter 2026 and evaluation will be conducted during the 2026 growing season with replicated monitoring of the test plots.

Weed species included: cheatgrass (downy brome), moth mullein, common mullein, St. John's-wort, musk thistle, houndstongue, field bindweed, and redstem filaree.



Scalability and plans for expansion will be evaluated in 2026 after monitoring treatment response.

Goat browsing

Goat browsing for the suppression of broadleaf noxious weeds, wildfire mitigation, and restoration site enhancement are being evaluated for effectiveness and scalability. All goat browsing sites were located outside the Bighorn sheep protection area, consistent with IWMP Section 3.3.3.

In 2025, goat browsing was implemented across eight sites. A total of 81 browsing days occurred, representing 56 project days, as contractors frequently split herds to treat multiple sites on the same day. The total cost of the 2025 pilot project was \$71,000, and approximately 101.5 acres were treated. While goat browsing is among the more expensive treatment options, it may provide an effective management tool in select locations where other methods are infeasible. Additional treatments and continued evaluation will be necessary to further assess effectiveness, cost efficiency, and scalability.

Although weed treatments were conducted by contractors, BCPOS staff dedicated 78.5 hours to site assessments associated with this pilot project in 2025. Additional administrative time was also required to manage the pilot project contract, though these hours were not formally tracked.

Goat Browsing 2025 Summary					
Date	Property	Field Acres	Browsing Days	Number of Goats	Management Objective
7/26 - 8/5	Erin Arsenault	18	11	300	Fire and Weed Mitigation
8/5 - 8/15	Harney Lastoka/Mayhoffer	9	10	250	Weed Mitigation
8/10 - 8/11	Mayhoffer Ditch/Via Appia	1	1	100	Fire and Weed Mitigation
8/12 - 8/14	Lutz	2	2	100	Weed Mitigation
8/15 - 8/19	Keyes	5	19	125	Restoration site enhancement
8/19 - 9/7	Monarch	16	31	275	Restoration site enhancement
8/18 - 9/19	A.H.I.	49	2	100	Weed Mitigation
9/15 - 9/17	Twin Lakes	1.5	5	200	Fire and Weed Mitigation
Total		101.5	81		

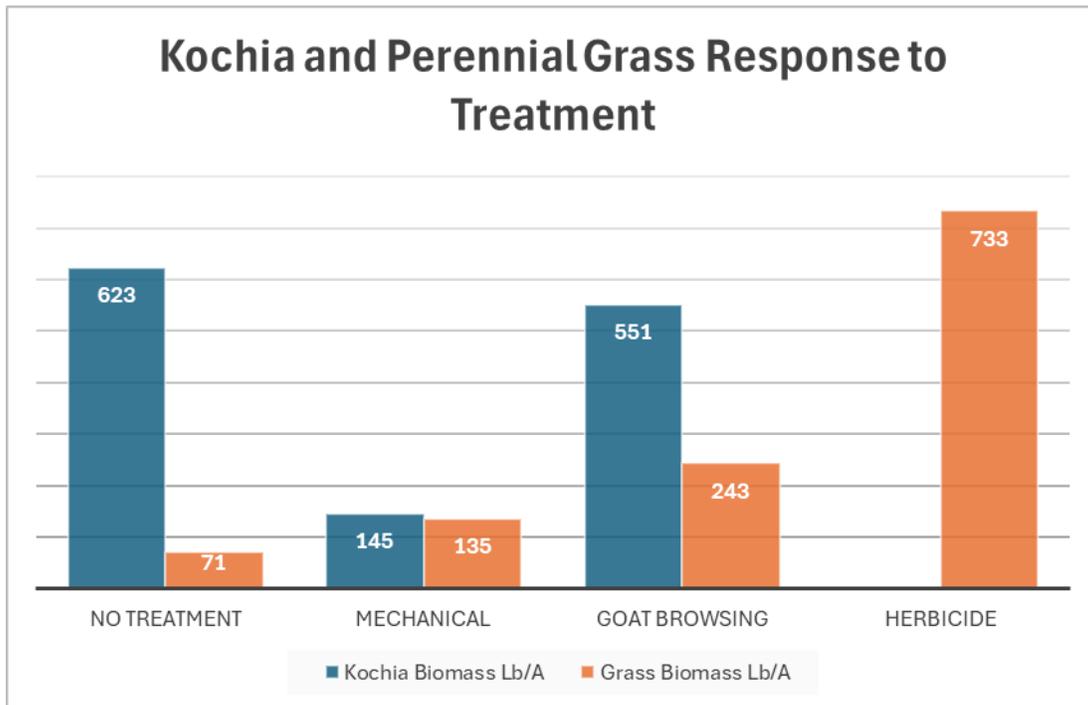
Details on the effectiveness of goat browsing observed under the three management objectives are below.

Wildfire Mitigation: Goat browsing was effective in achieving this objective by accessing irrigation ditches in urban areas with dense woody vegetation, that maintained steep banks in confined areas and that were difficult or unsafe for mechanical equipment and would otherwise require substantial labor to treat. Because goats preferentially consume broadleaf and woody vegetation, this approach produced more effective fuel reduction outcomes than mowing or cutting in these urban areas. While treatments appeared successful in 2025, continued monitoring and successive years of treatment will be necessary to fully evaluate long-term effectiveness. Any future consideration for goat browsing expansion will need to keep in mind the Bighorn Sheep Protection area as outlined in the IWMP (Section 3.3.3).

Noxious Weed Suppression: Treatments showed general success; however, implementation delays and contracting delays resulted in several weed species reaching maturity before browsing could occur, reducing treatment effectiveness. This issue is expected to be addressed in 2026 as sites are identified earlier, reused where appropriate, and contracting processes for this IRFP are fully established.

Restoration Enhancement: The objective of goat browsing for restoration was to evaluate its effectiveness in reducing noxious weed competition at revegetated sites, thereby decreasing reliance on mechanical and herbicide treatments and supporting the re-establishment of desired vegetation. To assess treatment effectiveness, staff established comparative treatment areas including no treatment, goat browsing, mechanical removal, and herbicide application. These comparative efforts will continue over the next several years to evaluate effectiveness, scalability, and cost efficiency.

Mechanical treatments controlled kochia significantly better than goat browsing but provided less perennial grass biomass. One benefit of goat browsing was that goats concentrated on broadleaf weeds and increased grass biomass compared to mechanical methods. The herbicide treatment significantly increased perennial drilled grass biomass and controlled 99% of the weeds. Site assessments will be conducted in 2026 to compare the different weed control treatments and response of perennial grass establishment.



Goats primarily browsed grass seedheads, which likely reduced overall seed production. However, in both the goat-browsing and mechanical control plots, weed seed production persisted due to post-treatment regrowth and subsequent flowering. In contrast, weed seed production was effectively eliminated in herbicide-treated plots, where plant growth was halted following treatment, preventing flowering and seed set.

A challenge encountered at the Keyes restoration site was the onset of toxicity symptoms in several goats, as assessed by the contractor. These symptoms were consistent with oxalate and alkaloid toxicity associated with browsing kochia. Similar signs of toxicity were also observed on a separate site with dense curly dock, a species known to be toxic to goats when consumed in large quantities. As a result of these health concerns and associated budget constraints, goat browsing was implemented on only a portion of the Keyes restoration site. The remaining five acres originally proposed for browsing were instead mechanically controlled.

Staff spent 18 hours monitoring goat browsing, mechanical control and herbicide application and non-treated side-by-side sites on the Monarch and Keyes properties to determine weed and perennial grass biomass.

This pilot will continue in 2026 to further evaluate the effectiveness of goat browsing and identify strategies to mitigate potential toxicity concerns. To improve effectiveness in meeting noxious weed suppression and restoration enhancement objectives, a minimum of two browsing events per site will be necessary, with the initial browsing occurring earlier in the season. Achieving this approach will require either increased funding or a reduction in the number of treated sites in 2026. In addition, BCPOS will collaborate with contractors to develop operational strategies minimizing the risk of toxicity on heavily infested sites.

Volunteer projects expansion

BCPOS has begun the new “Weed Warriors” volunteer program at Walker Ranch. The program will involve volunteers in controlling invasive weeds without using herbicides. Initially, volunteers will work on a one-mile section along the Walker Ranch Loop trail with a five-year time horizon. At each visit (minimum three per year), they will treat invasive weeds, check specific points in their designated area, and fill out a simple form with the data. Training is provided. Volunteers must be at least 16 years old or be accompanied by an adult parent/guardian. One-time volunteer opportunities and Youth Corps team projects will continue to be offered. Sign up information is available on the Parks and Open Space volunteer website.

Weed Warrior Volunteer Program

The Weed Warrior Volunteer Program is located at the Walker Loop Trail at Walker Ranch Open Space. The management area focuses on 10 miles of trail corridor, three trailheads, and trailhead periphery areas in an overall program area of 1,600 acres. Volunteers are responsible for monitoring, managing weeds, and submitting the related surveys for approximately one-mile-long trail sections. Surveys are submitted through ArcGIS Survey123 for volunteer activities. Each volunteer had an expectation of three visits to their trail section and monitoring posts to submit monitoring post, section monitoring, and section treatment surveys. Each section contains two monitoring posts where volunteers take photos from marked-photo-point locations and complete monitoring-post monitoring surveys. In 2025, the Weed Warriors started with a beginning of season kickoff orientation meeting outlining volunteer safety, program overview, and program expectations. Throughout the year, staff and volunteers participated in Weed Warrior training days highlighting volunteer use of technology associated with ArcGIS Survey123, weed identification, weed management methods, and a cultural control project where volunteers broadcast native seed and mulched approximately half an acre. There were multiple Weed Warrior workdays where staff were scheduled to be on site and volunteers could join them in management activities, catch up on training, and have additional questions answered.

- Weed Warrior Volunteers
 - 2024 – 46 applicants
 - 2025 – 19 returning volunteers and 21 new recruits
- Volunteer time
 - 126 survey submissions
 - 310 hours – 163 hours performing monitoring-post and section monitoring and 147 hours performing section treatments resulting in 22 contractor bags of noxious weed material removed from the treatment area
- Staff time
 - 159.5 hours – assessments, treatments, Weed Warrior training days, Weed Warrior workdays w/staff, and bag pickups
- Cost
 - \$2,068 material costs for Weed Warrior supplies and mulch for cultural control project

Monitoring results – Out of 14 active volunteers submitting monitoring surveys, six submitted three or more section monitoring surveys and seven of the trail sections had three or more monitoring surveys submitted. Out of 20 monitoring post locations, 11 had three or more monitoring surveys submitted while six of them had none. Weed population density information collected through volunteer treatment surveys from 01/01/2025-06/30/2025 (21 surveys) and 07/01/2025-12/31/2025 (23 surveys) remained relatively unchanged with Density Categories of Scattered Plants and Scattered Patches reported increased by 7.45% and 0.21% respectively and Dense Patches reported decreased by 7.67%. These results may indicate that while Dense Patches were being actively managed by volunteers Scattered Plants were spreading.

Annual review –

- Results - Weed species managed include Canada thistle, cheatgrass, chicory, common mullein, Dalmatian toadflax, diffuse knapweed, houndstongue, kochia, musk thistle, myrtle spurge, spotted knapweed, and sulfur cinquefoil. There were 16 active volunteers submitting treatment surveys and of those 16, seven volunteers submitted three treatment surveys or more. Out of 10 trail sections and three trailhead periphery areas, five of them had three or more treatment surveys submitted
- Potential for scalability – program must be established and sustainable before scaling up to any degree
- Plans for expansion – Pilot was set with a five-year time horizon, and no expansion will be planned/implemented until review at that time

One-time Volunteer Opportunities

One-time volunteer opportunities refer to short-term commitments where individuals can engage in community service or support an organization without a long-term commitment. These opportunities allow volunteers to make an immediate impact, are a flexible option for those with busy schedules, and can introduce potential supporters to an organization’s mission without the need for ongoing involvement. In 2025, the Senior Volunteer Work Projects Coordinator advertised, recruited for, and completed seven one-time volunteer events for weed suppression working with 53 volunteers for a total of 144 service hours.

Date	Location	Project	Volunteers	Project Hours	Service Hours
21-May	Hall Ranch	Weed Suppression	4	3	12
11-Jun	<u>Betasso</u>	Weed Suppression	15	2	30
17-Jul	Heil	Trailside Clearing	5	3	15
25-Jul	Heil	Trailside Clearing	5	3	15
1-Aug	Heil	Trailside Clearing	3	3	9
16-Sep	Walden	Weed Suppression	13	3	39
11-Oct	Walker (Meyers)	Weed Suppression	8	3	24

There is an initiative in 2026 to increase one-time volunteer projects for departmental work groups. These volunteer opportunities will be initiated utilizing seasonal staff in the Noxious Weed's work group to coordinate and provide on-site supervision for up to two volunteer projects per month. This staff member will be provided with additional and continuing training to keep the volunteer opportunity process for these additional projects consistent with current department volunteering practices.

Implementation Goal 4. Conduct surface water impacts study.

In 2025, staff evaluated potential methods, best management practices, and available water-testing services to advance this goal. Identifying and securing appropriate testing services proved more challenging than anticipated, leading staff to pursue collaboration with neighboring municipalities. Although the goal was not achieved in 2025, suitable data sources and methodologies have been identified, and completion of this goal is anticipated during the 2026 season with the implementation of surface-water impact studies.

Implementation Goal 5. Continue supporting integrated weed management research on BCPOS natural lands.

In 2025, BCPOS funded one research project through the Small Grant Research Program. The project, *The Effects of Cheatgrass Management with Indaziflam on Live Fuel Moisture Content in Rangeland Plant Communities along the Colorado Front Range – Year 2*, examined differences in plant water (fuel moisture) content between native vegetation and cheatgrass throughout the growing season.

The study was conducted by Jake Courkamp and John Watson of the Department of Forest and Rangeland Stewardship at Colorado State University. Research on live fuel moisture is an area of increasing focus, as it helps identify factors influencing wildfire behavior along the Colorado Front Range. The 2025 field season represented the second year of biweekly monitoring of live fuel moisture content, comparing untreated cheatgrass-dominated sites with treated areas where cheatgrass had been removed and native species were present. Monitoring occurred throughout the wildfire season, which typically runs from June through September. The figure below presents results from one study site, where the control represents fuel moisture in cheatgrass-infested areas and the treatment represents fuel moisture of native vegetation following cheatgrass removal.

The published results of this project and all other small grant projects can be found on the [Boulder County Parks and Open Space Research](#) page.

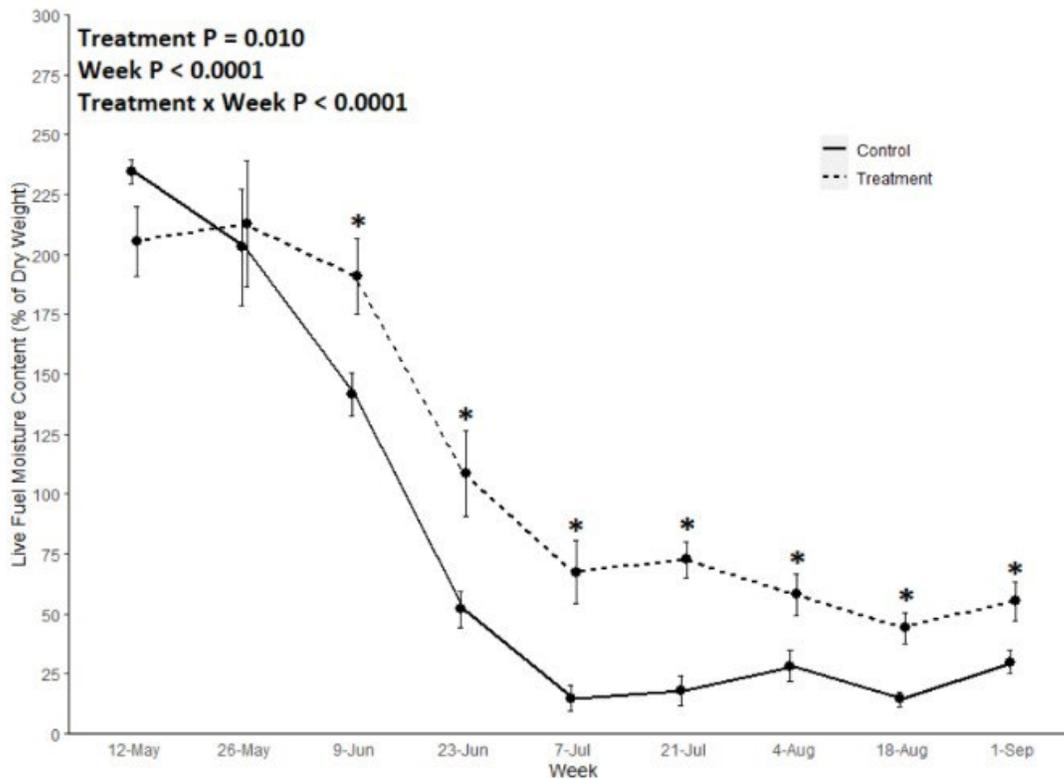


Figure 3. Bi-weekly mean live fuel moisture content (LFMC) in control plots (solid) and indaziflam treatment plots (dashed) at Boulder County grassland study sites in 2025. Error bars correspond to ± 1 standard error. Annotations show results of analysis of variance (ANOVA) with significant fixed effects shown in bold, while asterisks indicate significant differences between treatment and control plots within sample timing (week) based on the results of post-hoc pairwise comparisons using a Tukey adjustment ($P \leq 0.05$; $n=4$).

Implementation Goal 6. Update reporting methods to increase availability of BCPOS integrated weed management activity data.

In 2025, the BCPOS Data Solutions team supported the migration of the IWMP workflow into the county-adopted OpenGov Asset Management System (AMS), modernizing how data are collected and how work progress is tracked. Although the migration process was time consuming and presented significant challenges for staff, it now enables more robust data collection and analysis. The Weeds team can collect labor hours, equipment usage, materials use, and other operational data to better inform adaptive management practices. These improvements support more accurate annual reporting on IWMP implementation while also increasing transparency.

In addition, the herbicide application notification process was updated to improve public understanding of when and where applications will occur. A public-facing dashboard was developed that integrates application data with GIS spatial data to provide real-time information to the public. The public dashboard can be found on the Boulder County Noxious Weed Management page through this link ([Invasive Plants and Weed Management on Open Space - Boulder County](#)). This enhancement has increased transparency while reducing administrative workload for staff.

Implementation Goal 7. Implement integrated weed management actions in fulfillment of the BCPOS management objectives discussed in Section 4.

Below are details of the actions taken in 2025 towards fulfilling each management objective on BCPOS natural lands and BOCO rights-of-way.

Reduce populations of Eradicate species within Eradication Management Areas. By 2030, eliminate 10 species from BCPOS natural lands and rights-of-way.

In 2025, six populations located on BCPOS natural lands or within BOCO rights-of-way were placed into elimination status, indicating that no plants were detected at those sites during weed assessments conducted that year. Eight new populations were also identified in 2025. Additional details on each species and the management actions taken are provided below. Of the 495 acres treated with herbicide during the 2025 season, 10 acres specifically involved herbicide treatment targeting IWMP-designated eradication species.

- *Common tansy*: In 2025, 127 plants were removed from four sites, one of which was newly discovered. Both herbicide and manual removal were utilized. The herbicide Milestone was used. One known population was not treated this year due to labor shortage; this site is part of a collaboration effort between BCPOS and Jamestown. No populations were placed in elimination status.
- *Dames rocket*: Scouting and mapping was the priority for this species in 2025. Many locations were entered into the AMS to track and start treatment in 2026. Several reports on private property were also passed along to Boulder County Community Planning and Permitting (CPP) or the BCPOS conservation easement team. Treatments were conducted on small sites discovered, and 5,037 plants were removed utilizing manual removal. No populations were placed in elimination status.
- *Dyer's woad*: A single plant was manually removed from the only known population on a BOCO right-of-way. Follow-up assessments found no additional plants. This population was not placed in elimination status.
- *Jointed goatgrass*: The only known population on BCPOS natural lands was treated with the herbicide Rejuvra in 2025. An additional population was located late in the season and will be treated in 2026. No populations were placed in elimination status.
- *Knotweeds*: Plants were treated in historical population sites by removing the stalk of the plant and treating them with the herbicide Milestone. One historic population was placed in elimination status.
- *Mediterranean sage*: All historic areas of infestation were visited this year, and 1,557 plants were manually removed. No populations were placed in elimination status. Two new populations were treated in 2025, one was a newly acquired property that had a known population, the other was a newly discovered population.
- *Orange hawkweed*: No plants were located in 2025; two populations were placed in elimination status, and one known population was not visited due to access issues.

- *Purple loosestrife*: In 2025, three populations were placed in elimination status, while one population was identified and treated using a mixture of the herbicides Ecomazapyr 2 SL and Clearcast. An additional early detection rapid response (EDRR) scouting assessment discovered no abundance of plants.
- *Russian knapweed*: In 2025, two new populations were located near BCPOS trails and were treated with herbicide Milestone or Tordon 22k. A historical BOCO right-of-way population was also treated with herbicide Milestone or Tordon 22k. No populations were placed in elimination status.
- *Salt cedar*: In 2025, 79 trees were cut down and stumps treated with the herbicide Ecomazapyr 2 SL on two historic sites. One new population was located. One population was not treated in 2025.

Preserve Biodiversity on BCPOS natural lands by conducting and maintaining restoration projects in Biodiversity Protection Management Area.

Protection of High Biodiversity Areas Threatened by Cheatgrass Dominance

High Biodiversity Areas are designated in the Environmental Resource Element (ERE) of the Boulder County Comprehensive Plan. These areas have been recognized by the Colorado Natural Heritage Program for outstanding biodiversity on a global scale — meaning their biodiversity is unique and irreplaceable. This biodiversity is threatened in some locations by cheatgrass dominance.

In 2025, the biodiversity crew continued cheatgrass control applications with a ground rig, encompassing 191 acres of dense cheatgrass on Rabbit Mountain; and 95 acres of dense cheatgrass, St. Johnswort, and sulfur cinquefoil on Heil Valley Ranch to enhance and protect valuable native species biodiversity on these dense, weed-infested sites.

Biodiversity staff members completed 736 hours monitoring native species response to cheatgrass competition and control. The year 2025 marked the ninth year of in-depth monitoring of native short-lived and rare species diversity and densities on 12 highly diverse BCPOS sites where cheatgrass was controlled with a single herbicide treatment. This monitoring data was published in the Restoration Ecology Journal in 2025 comparing diversity and richness of cheatgrass infested areas versus immediately adjacent sites with long-term control of cheatgrass.

The publication can be found here: [Indaziflam for Cheatgrass \(*Bromus tectorum*\) control increased native species richness for up to 8 years in Colorado Front Range \(United States\) shrub-steppe - Sebastian - 2025 - Restoration Ecology - Wiley Online Library](#)

In addition, staff-collected monitoring data used to assess the effectiveness of cheatgrass treatments supported a peer-reviewed publication led by Jake Courkamp of Colorado State University. The resulting article, published in the Society for Range Management journal *Rangelands*, evaluated mule deer habitat use and browse species response by comparing cheatgrass-infested sites with immediately adjacent areas where long-term cheatgrass control had been implemented at Hall Ranch Open Space.

The publication, *Long-term cheatgrass (Bromus tectorum L.) control increases shrub leader growth and mule deer (Odocoileus hemionus) visitation*, was subsequently cited in a separate mule deer–cheatgrass study conducted by the University of Wyoming.

No BCPOS staff received compensation in connection with this research.

Active Restoration Areas

Active restoration areas typically occur in generally valuable habitat areas such as wetlands, riparian corridors, grasslands, and forests. These projects include reseeding and/or planting. **Some sites require removal of all vegetation prior to seeding for the best chance at establishment.** Due to the disturbance required to restore a site, restoration sites are initially very susceptible to noxious weed invasion. Active management using spot spraying of herbicide and mechanical methods is required to prevent the noxious weeds from outcompeting the new desired vegetation. Cultural methods are also heavily utilized during restoration projects to help limit noxious weed pressure and allow native vegetation to become established. Many of these projects are implemented collaboratively with multiple work groups and often involve other partners. These areas are a high priority for treatment given the overall investment and alignment with the Resource Management Division’s overall biodiversity preservation goals

- Monarch Park Restoration Project – incorporated mechanical control, manual removal, goat browsing, and spot and broadcast spraying herbicides on this 23-acre site.
- Baseline and fall evaluations of canopy cover and biomass of weeds and native grass were collected on the Monarch Park and Keyes properties to evaluate differences between different weed control strategies (goats, mechanical, and herbicides).
- Prairie Run Open Space - Over 2,500 invasive trees (Russian olive and Siberian elm) were removed from the project site. The tree removal occurred from the fall 2024 to winter 2025. As a result of these tree removal activities, 20 acres were identified for further restoration actions. Sites received ground and seedbed preparation and revegetated with native and pasture grass seed in March 2025 followed by a May 2025 herbicide application to control kochia and other noxious weeds. Seedling grass emerged with good spring moisture; however, trampling and grazing by cattle interfered with seedling grass establishment.
- Hall Ranch Prairie Dog Restoration Project - This project area encompasses approximately 100 acres where an isolated prairie dog colony had been established for more than 30 years before succumbing to what is thought to be a plague outbreak in the summer of 2025. Approximately 45 acres now support few native species and contain dense infestations of invasive weeds some of which include dalmatian toadflax, St. Johnswort, sulfur cinquefoil, field bindweed, and downy brome (cheatgrass) and musk thistle, which expanded rapidly following the loss of prairie dog activity. The remaining 55 acres retain remnant native vegetation but include scattered to dense populations of the same noxious weed species. In 2026, an integrated approach incorporating cultural, mechanical, biological, and herbicide treatments with planned revegetation activities will continue to promote native species recovery and enhance overall biodiversity.

Restoration Area Maintenance

After active restoration is completed, maintenance of the revegetated sites is required to ensure long-term establishment of desired native plant communities.

- Prairie Run – 20 acres of dense downy brome (cheatgrass) were treated in the southeast corner of this property. Rejuvra, Milestone, and Paramount were sprayed in different areas across the site depending on the noxious weed species being controlled. This targeted approach greatly reduces the amount of herbicide needed overall. Work was completed in fall 2025 to release native grass that was drilled in 2016.
- Hall 2 Creek – 52 acres of spot spraying was completed with Rejuvra, Milestone, and Telar XP herbicide depending on species being treated. Spot spraying was used on this site instead of broadcast spraying to be more targeted, reduce off target impacts, and reduce overall herbicide use. This was done to control dense populations of diffuse knapweed and common mullein with the least amount of impact to remnant, native, broadleaf species in 2025. Mechanical control of escaped diffuse knapweed and common mullein occurred after herbicide application and whole plants were bagged to prevent spread across the site.
- Boulder Creek Restoration Project – The 90-acre restoration site was mostly managed with spot treatments. Dense cheatgrass was sprayed with Rejuvra on the southeast portion of this restoration area to protect the time, labor, and hours invested to the re-establishment of native species associated with this restoration project. Scattered to dense patches of Canada thistle, curly dock, hoary cress, perennial pepperweed, and common mullein were spot sprayed on the northeast side of the creek in 2025. On the west side spot spraying was utilized to manage for dense teasel, Scotch thistle, musk thistle, Canada thistle, diffuse knapweed, houndstongue, perennial pepperweed.

Wildlife or Plant Habitat Improvement Areas

For these areas, integrated weed management actions are implemented to enhance the remnant vegetation to better support specific species or ecosystem services. To successfully meet management objectives for these sites, these projects rely on treatments methods that include targeted spot herbicide applications and mechanical methods.

Habitat improvement measures were taken on 48 acres at Caribou Ranch and Mud Lake to reduce the noxious weeds present in and around the alpine meadow and riparian corridor. Species targeted included Canada thistle, dalmatian toadflax, common mullein, and several eradication species were treated at the same time.

Suppress designated noxious weed populations in Suppression Management Areas.

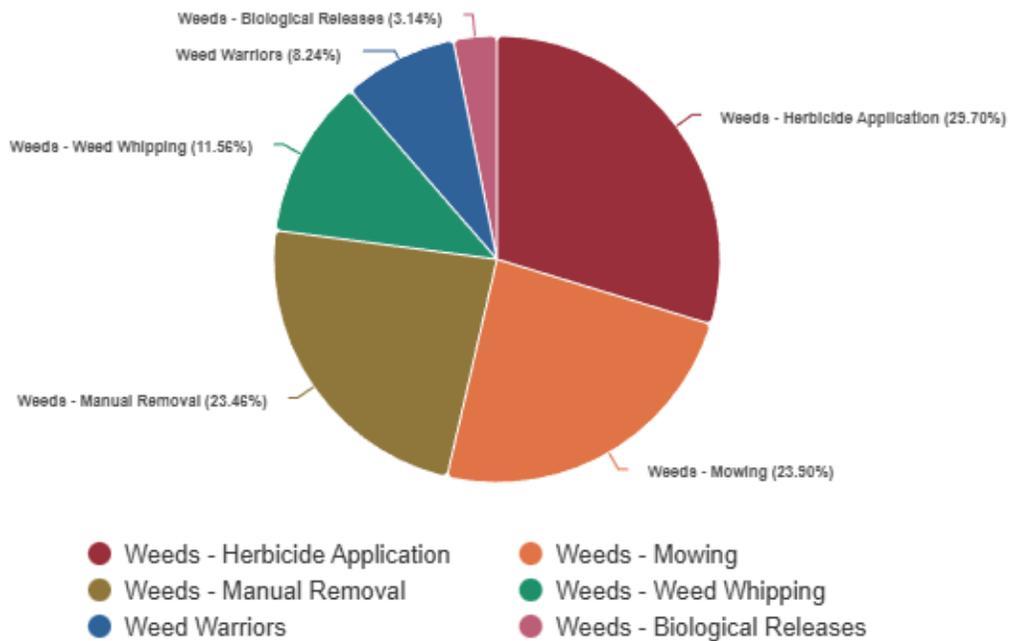
The suppression program, new to Parks and Open Space in 2025, works towards the objective of reducing plant vigor and propensity to spread. Areas with known populations of noxious weeds designated for suppression are evaluated throughout the growing season and prioritized by infestations size, potential to spread, and location. Timing is critical to prevent seed production and spread. Additionally, Boulder

County operates under a “good neighbor” policy, meaning public requests for weed suppression are prioritized. During the season, the team completed weed assessments on Parks and Open Space properties, focusing efforts on trail corridors, trailhead periphery areas, and historic known weed infestations. Through those assessments, treatment types were selected, and management activities were carried out on 4,448 acres with the objective of weed suppression.

Hours by Activity

- Weed Assessment: 166
- Weed Treatment: 651

2025 Suppression IWMP Treatment Labor Hours



Boot Brush Stations

Boot brush stations with boot brushes, a catchment area to contain weed seed and weed seed contaminated soil, and interpretive signage are located at four separate locations: Ron Stewart Preserve at Rabbit Mountain, Hall Ranch Trailhead at Hall Ranch, and Picture Rock and Wapiti trailheads at Heil Valley Ranch. These stations provide noxious weed management education and preventative measures to prevent the dispersal of weed seeds.

Weeds team members visited these boot brush stations a total of 15 times in 2025 for inspection, maintenance, or repair. Actions taken during these tasks included overall inspections, boot brush and catchment cleaning, and boot brush replacement. New for 2025, staff, as well as the public, have the capability to report and request maintenance on these amenities through the Ask Boulder County website. This process has streamlined workflow from request to action and ensures requests reach responsible parties. Depending on funding and staff capacity, BCPOS would like to install more boot

brush stations and/or interpretive signage about noxious weeds and integrated weed management at trailhead kiosks.

Classical Biological Control

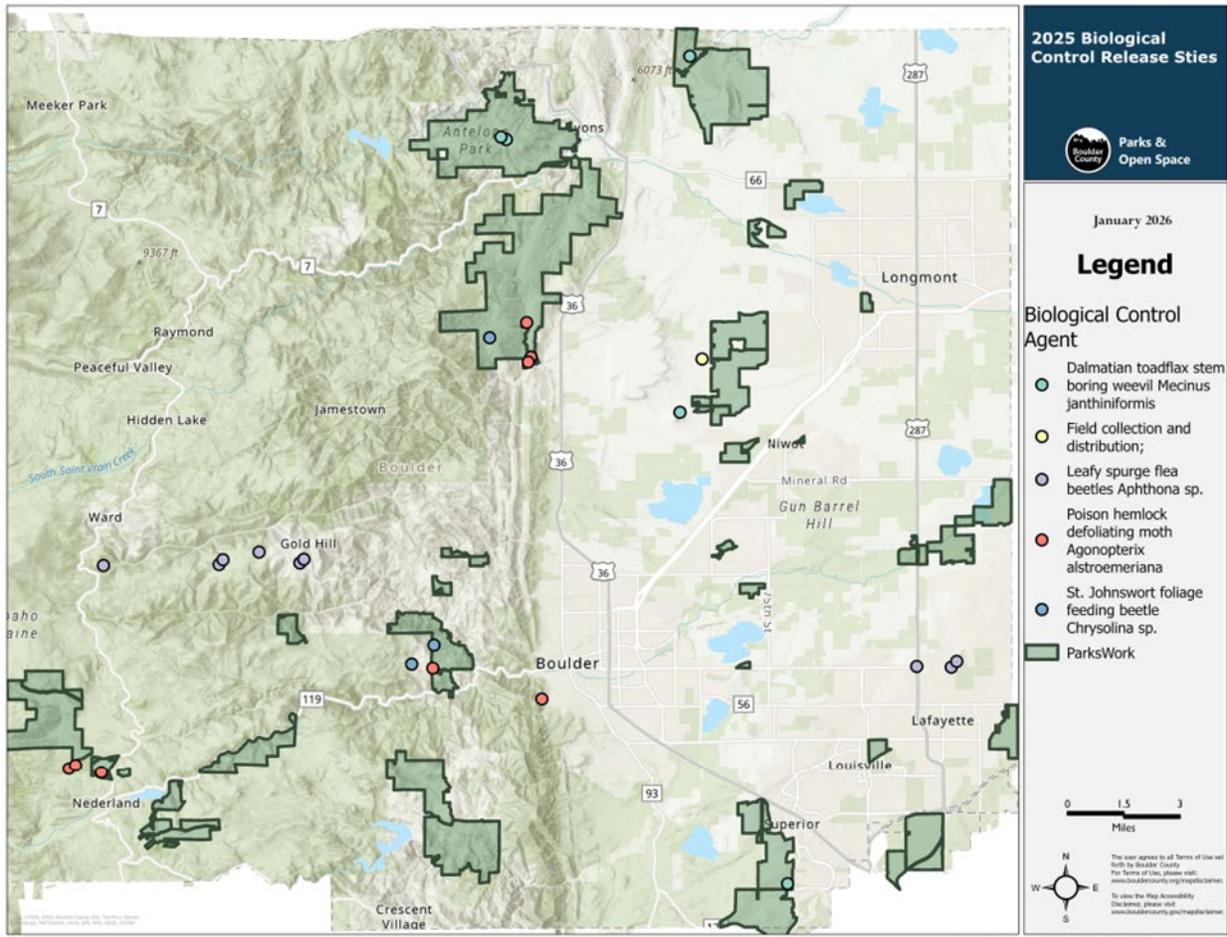


Biological Control is another suppression technique that can reduce plant vigor and potential for spread on certain species. Biological Control is utilized on sites where suppression species have a high density, and when the site is not identified for future restoration due to current feasibility. It is also utilized on suppression species that at their current density are not causing appreciable impacts on biodiversity or ecosystem functions. Since 2015, BCPOS has completed an average of 25 releases per year. BCPOS plans to continue making annual releases at a similar rate. In 2026, select release sites will be visited to implement the Standard Impact Monitoring Protocol (SIMP). SIMP will collect data on target species density and vigor and control agent presence, spread, and collection thresholds for redistribution or relocation.

Classical Biological Control Release Data

In 2025, a total of 26 releases were conducted, with associated material costs totaling \$4,175.00 and requiring 47.5 staff hours for assessments and treatments. Details on target species, control agents, release information, and the countywide agent release map are provided below.

- Dalmatian Toadflax (*Linaria dalmatica*)
 - Agent - Dalmatian toadflax stem boring weevil (*Mecinus janthiniformis*)
 - 5 releases at 105 insects per release
- St. Johnswort (*Hypericum perforatum*)
 - Agent - St. Johnswort foliage feeding beetle *Chrysolina sp. (C. quadrigemina C. hyperici)*
 - 3 releases at 105 insects per release
- Poison hemlock (*Conium maculatum*)
 - Agent - Poison hemlock defoliating moth (*Agonopterix alstroemeriana*)
 - 8 releases at 105 insects per release
- Leafy Spurge (*Euphorbia esula*)
 - Agent - Leafy spurge flea beetles *Aphthona sp. (A. nigricutis, A. cyparissiae, A. lacertosa, A. flava, A. czwalinae)*
 - 9 releases at 105 insects per release
- Russian Knapweed (*Rhaponticum repens*)
 - Agent - Russian knapweed gall wasp (*Aulacidea acroptilonicais*)
 - 1 agent field collection and relocation



Open Space Mechanical Control

In 2025, mechanical control for weed suppression was conducted on 1,680 acres. Mowing and weed whipping is a tool that can be effective for controlling and suppressing certain types of noxious weeds. When timed correctly, mowing can prevent or help reduce seed proliferation. Boulder County utilizes tractor mowing to assist in controlling noxious weeds on open space and within roadside rights-of-way. Open space mowing is used for noxious weed suppression in areas when feasible, which aids in preventing weeds from flowering and dispersing seed. The weeds team conducted 51 open space mowing treatments on natural areas resulting in 243.5 hours of staff time.

Spray System Conversion

Initializing the conversion of spray equipment from small gas engine to an electric system. The suppression team, with thoughts towards air quality, fire risk, noise pollution, maintenance requirements, and increased efficiencies piloted the electric spray system conversion of one spray system in 2025 with plans to convert more in 2026.

Protect Roads, Trails, and Other Infrastructure by managing vegetation to increase public safety and preserve structure integrity.

The objective for Protect Roads, Trails, and Other Infrastructure is to manage all vegetation in the vicinity of roads, trails, parking areas, dams, and buildings for public safety and to maintain the integrity of this infrastructure.

To provide for public safety, BCPOS conducts total vegetation management to maintain sight lines along county roadways, support wildfire suppression near residential areas, and maintain dam integrity. This work is of the highest priority for the BCPOS Noxious Weeds Work Group each year. Treatment methods for public safety are limited to roadside mechanical control, roadside spot treatments of herbicides, and fire mitigation by way of mechanical control for fuels reduction.

The purpose of managing vegetation at intersections and along roadways is to provide clear lines of sight for motorists and cyclists. Treating roadside edges also provides improved reaction times for motorists when wildlife or other obstacles are present in the vicinity of roadways. BCPOS staff coordinate with Boulder County Public Works Road Maintenance department to treat priority spots within the county. Public Works crew focus their time and effort on intersections and mechanical control of roadside infrastructure like medians and guardrails. BCPOS crews focus on mechanical control of roadsides and herbicide treatments of roadsides and roadside infrastructure. Roadside treatment methods encourage perennial grasses over broadleaf vegetation (typically noxious weeds), reduce the potential for roadside fire ignition, and diminish the distribution of noxious weed seeds along road corridors that could subsequently spread to adjacent lands.

In 2025, operations were conducted with one full-time staff and three seasonal staff. Throughout the year, the team performed roadside mechanical control on high priority county rights-of-way more than three times, totaling over 1,419 miles mowed and 1,656 hours of operation. Spot treatments of herbicide were conducted to reduce vegetation for public safety and infrastructure integrity on medians and guardrails and to combat patches of listed species and reduce their spread along roadways. Eleven different treatments took place covering 67.25 miles of county rights-of-way. To note, not all miles were sprayed but were in the treatment zones and only areas with target species were treated. Within those treatments, 36.66 miles were to target List A species of concern, and 20 List A populations were treated.

After the Marshal Fire in 2021, awareness has increased regarding wildfire risks in neighborhoods bordering open space properties. Requests for mowing property lines greatly increased in the years following. BCPOS staff do not have the capacity or resources to mow all property lines of open space bordering neighborhoods or cities on the plains as it exceeds 400 linear miles. Instead, BCPOS created a map that used multiple criteria to prioritize and quantify which properties pose the highest risk for public safety. This process elevated areas that staff ensure are treated each year and helps staff prioritize requests, determine their urgency, and respond as staff time allows. In 2025, eight priority properties were treated with mechanical methods with a total treatment area of 118 acres. Two priority properties were not treated in 2025 due to timely livestock grazing that utilized the available fuels. The goat browsing pilot project treated one additional priority property that had a greater density of woody species and

limited proximity for large machinery. Three public requests for fire mitigation mowing were completed as well.

BCPOS conducts vegetation management for infrastructure integrity at trails, trailheads, and historic buildings. While this is a medium priority in work planning, a proactive, rotational approach prevents excessive vegetation build-up from impacting the integrity of infrastructure at known hot spots and limiting treatment methods to mechanical methods such as weed whipping, mowing, or hand work and spot treatments of herbicide. In 2025, staff completed weed assessments on 44 BCPOS trailheads which help them prioritize the most severe infestations. Twenty-one trailheads were treated with mechanical and herbicide treatments. The Ron Stewart Preserve at Rabbit Mountain Open Space Trailhead was treated by the steam weeding pilot project.

The Noxious Weed Work Group seeks to respond quickly to other work groups and public requests within this management area to address issues in a timely manner. Oftentimes, this work overlaps with suppression actions; however, any safety concern would elevate priority. Infrastructure managed for this objective includes intersections, guardrails, medians, trailheads, trails, historic buildings, dams, and spillways. Sixteen public requests were processed and treatments completed that had public safety concerns on county rights-of-way.

Summary of Drone Applications

The IWMP Annual Report will include details regarding drone applications conducted during the reporting period. These details will cover notification procedures, buffer zones applied, drift card results, and any drift mitigation measures implemented.

Drone Application at Hall Ranch Quarry Site:

In fulfillment of contractual requirements for the Hall Quarry Restoration Project, the contractor conducted a drone-based herbicide application during the restoration phase to meet final contractual requirements for control of weeds and establishment of ground cover. This application was neither initiated nor managed by BCPOS. Public notification (see Fig. 1., 2.) of the operation was posted by BCPOS as a courtesy to inform local stakeholders.

Drone application in the Red Hill Area:

Proper notifications were posted and distributed in accordance with the Integrated Weed Management Plan (IWMP) (see Fig. 3., 4., 5.). All required notification and buffer protocols were followed, and the application met all approved IWMP requirements. However, the application was postponed for further review and was not completed during the 2025 season. It is now planned for the 2026 season.

Start	End	Location	Open to public	Product	Notes	Map	Created	Updated
5/19/2025	5/23/2025	Hall Ranch Quarry Site	No	Milestone	A drone herbicide application will be conducted during this timeframe by the managing contractors to fulfill state requirements for mine reclamation at the Hall Quarry Site before management of the site is transferred to Boulder County control. A drone application is preferred over other application methods for personnel safety and because drones operate 20 feet or less from the ground, move at slower speeds and in patterns, and can be programmed to spray small, specific areas.	View Map (following page)	5/14/2025 12:42	5/16/2025 7:57

Figure 1.

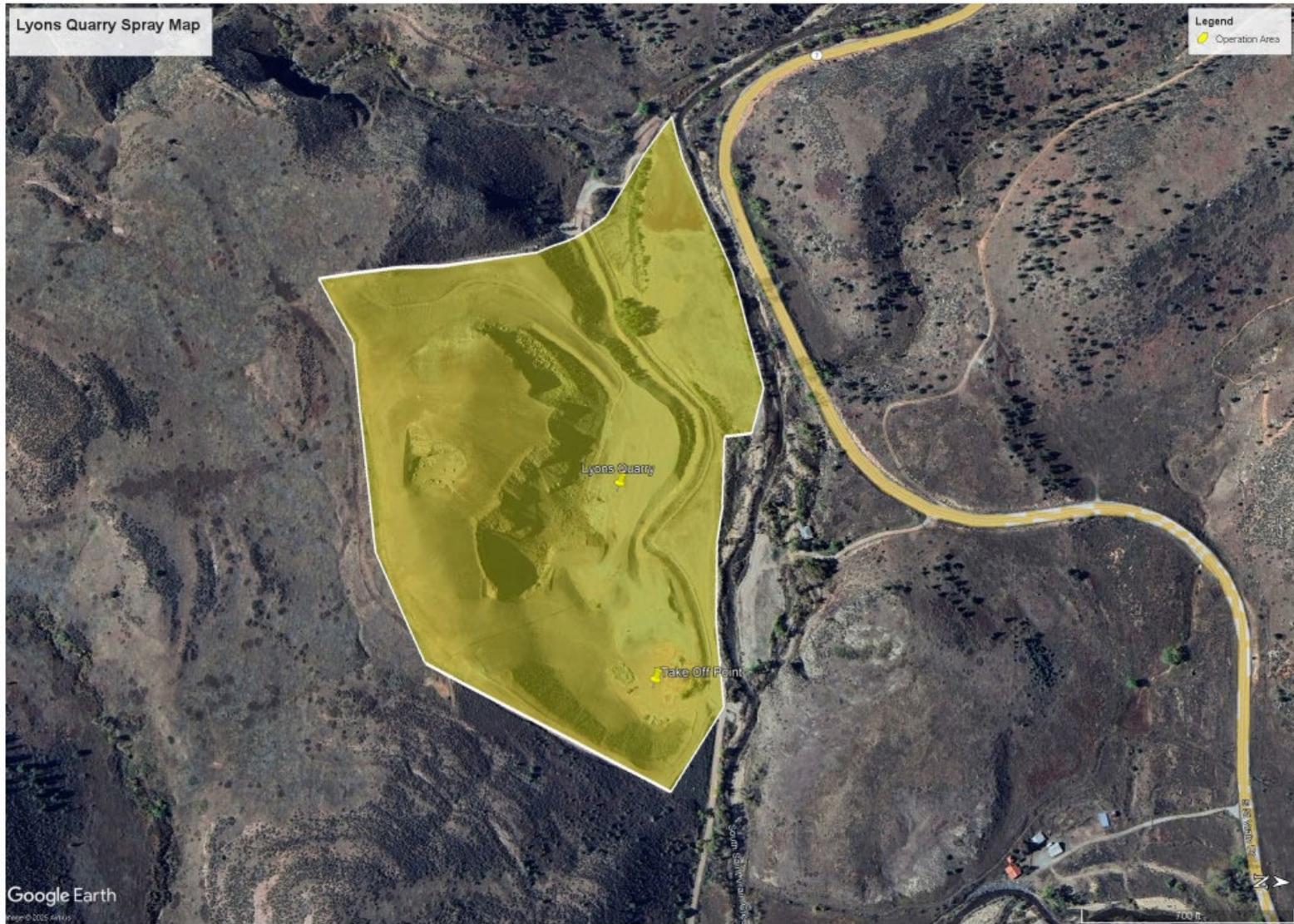


Figure 2.

Start	End	Location	Open to public	Product	Notes	Map	Created	Updated
12/1/2025	12/31/2025	Red Hill Area West of Highway 36	No	Rejuvra + Plateau	The drone application of herbicide at Red Hill that was scheduled to occur in December has been postponed.	View Map (following page)	11/21/2025 8:07	12/11/2025 11:53

Figure 3.

Drone Application of Herbicide Scheduled for Decemeber

Boulder County Colorado sent this bulletin at 11/21/2025 09:37 AM MST



Drone Application of Herbicide Scheduled for the Red Hill Open Space Area in December

An herbicide application using drone technology is scheduled at the Red Hill open space area, located west of Highway 36. The application is scheduled to take place between Dec. 1 and Dec. 31.

The herbicides being applied are Rejuvra (indaziflam) and Plateau. The operation will be conducted by certified drone operators. Spraying will only occur under safe weather conditions, and all applications will maintain a minimum distance of 50 feet from property boundaries and 660 feet from residences, in full compliance with [Boulder County's Integrated Weed Management Plan](#).

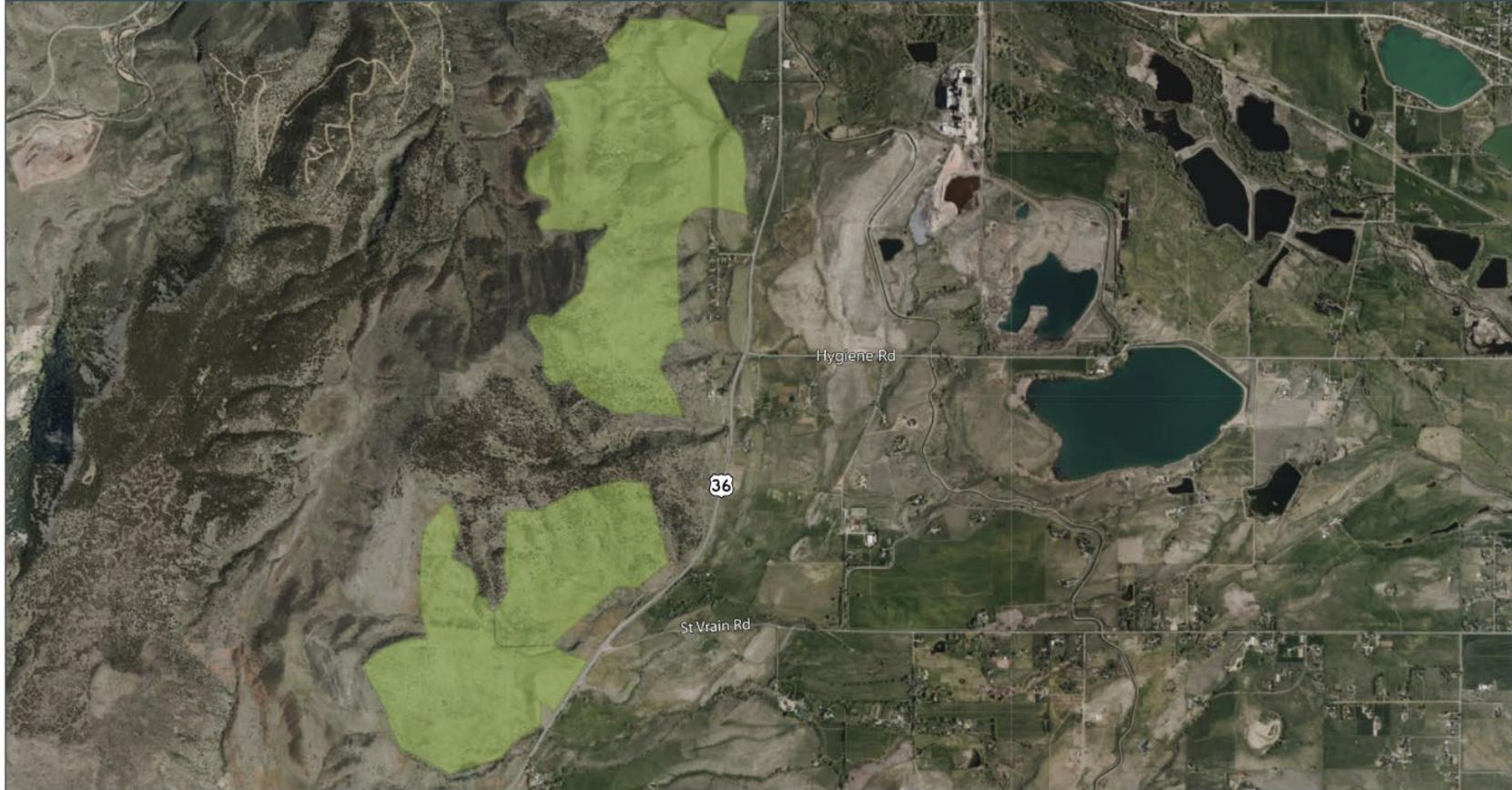
Drone spraying is a safer and more precise alternative to traditional methods.

Drones:

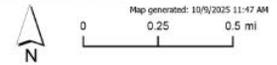
- Operate at low altitudes (12 feet or less),
- Move at slower, controlled speeds,
- Follow pre-programmed flight paths to target specific, small areas,
- Reduce exposure risks for personnel and the environment.

This application supports Boulder County's ongoing efforts to eliminate invasive cheatgrass in High Biodiversity Areas along the foothills, protect native ecosystems, and reduces wildfire risks.

Figure 4.



 Treatment Area



Boulder County Map Disclaimer: <https://bouldercounty.gov/mapdisclaimer/>
Boulder County ADA and Equal Opportunity Notice: <https://bouldercounty.gov/government/ada-eeo-notice/>

Figure 5.

Distribution data provided to the Colorado Department of Agriculture for any species designated for eradication or any species undergoing a rule change under “Rules.”

Below is a map of the distribution data that BCPOS provided to the State of Colorado Department of Agriculture (CDA) through a bulk upload to the Early Detection and Distribution Mapping System (EDDMapS) per CDA requirement. This data is publicly accessible on the EDDMapS platform found here: [EDDMapS](#).

This data includes any recorded treatment or observation of the below listed species anywhere in Boulder County.

Data submitted includes:

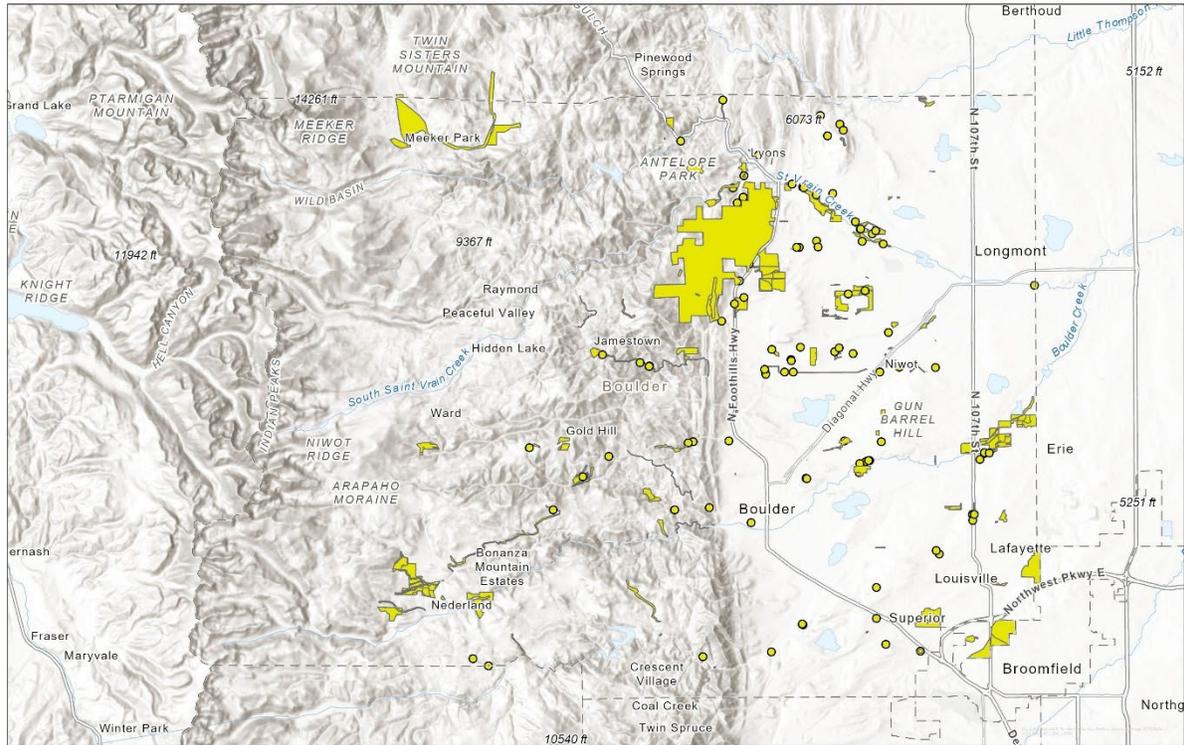
- Observations made on private property from public lands or rights-of-way
- Observations made on other jurisdictions’ public land
- Negative early detection rapid response scouting areas
- No abundance (negative) assessments of historical eradication populations
- Treatments conducted on BCPOS lands not included in the implementation plan

Species included in distribution data:

- List A species
- List B species with an elimination objective (See IWMP Table 2-2)
- List B species with a containment objective located within their designated elimination zone (See IWMP Table 2-2)
- List C species that have a designated elimination objective (See IWMP Table 2-3)
- Boulder County Local Noxious Weed List species that have a designated elimination objective (See IWMP Table 2-4)
- Rule update species for 2026 update
 - Eurasian watermilfoil
 - Jointed goatgrass
 - Perennial pepperweed
 - Musk thistle
 - Bull thistle
 - Scotch thistle
 - Hoary cress

The attribute table that was submitted with the shapefiles of this map are included in Appendix A.

2025 BCPOS Colorado Department of Agriculture Noxious Weed Distribution Data



January 2026
This map represents the best available data as of the date of publication. It is not a warranty of accuracy. For more information, please contact the Colorado Department of Agriculture, Bureau of Plant Health and Pest Control, 1700 Sherman Street, Denver, CO 80202. www.cda.state.co.us

List A species eradication progress

This section covers the work completed on the Colorado Department of Agriculture’s List A species on BCPOS natural lands and Boulder County rights-of-way for 2025.

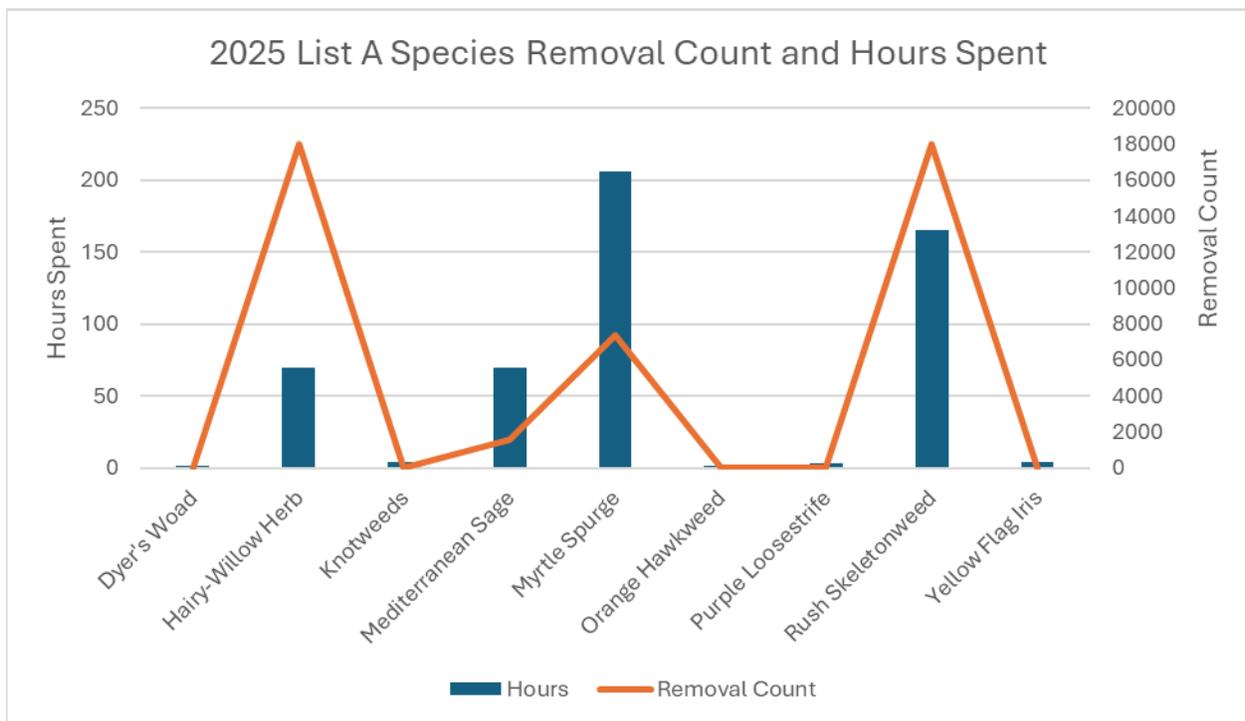
Each species section has a map that shows the assessment and treatment areas for 2025.

Additionally, each species section includes information on treatment methods utilized and relevant status/progress of the List A species management on BCPOS natural lands and Boulder County rights-of-way.

The new asset management system discussed under Implementation Goal 6 will greatly increase our ability to track List A species progress by individual sites year over year; as well as give a better picture of the species trend across the entire county.

For information on the status of individual populations of each species see Appendix B: List A Population Tables.

Below is a graph that shows the removal count and hours spent on treatments and assessments for each List A species in 2025.

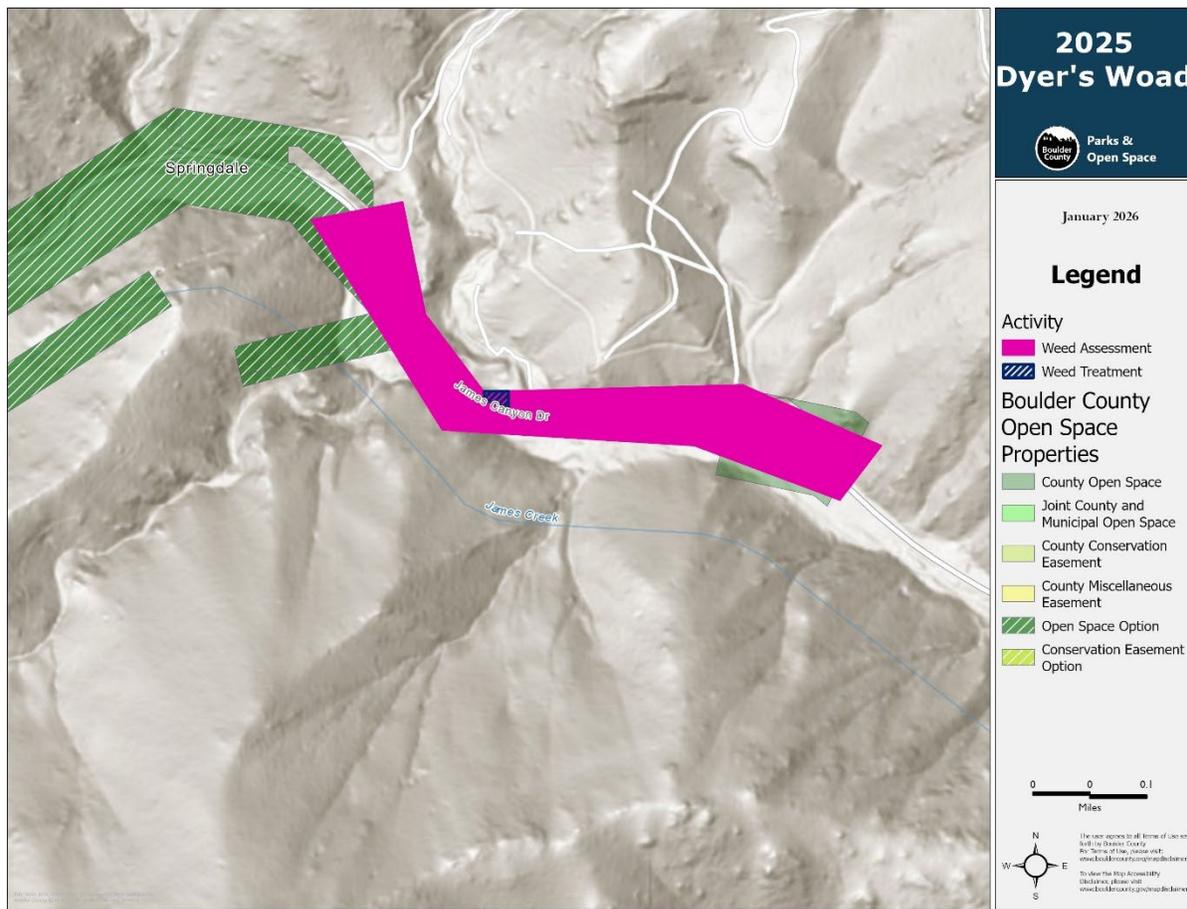


*Removal count is a helpful data point, but it is not always collected for every treatment depending on density and treatment method, if no count is collected a zero is utilized.

Dyer's woad

There is currently only one known population on a Boulder County right-of-way. There are other reported infestations on private lands within the county.

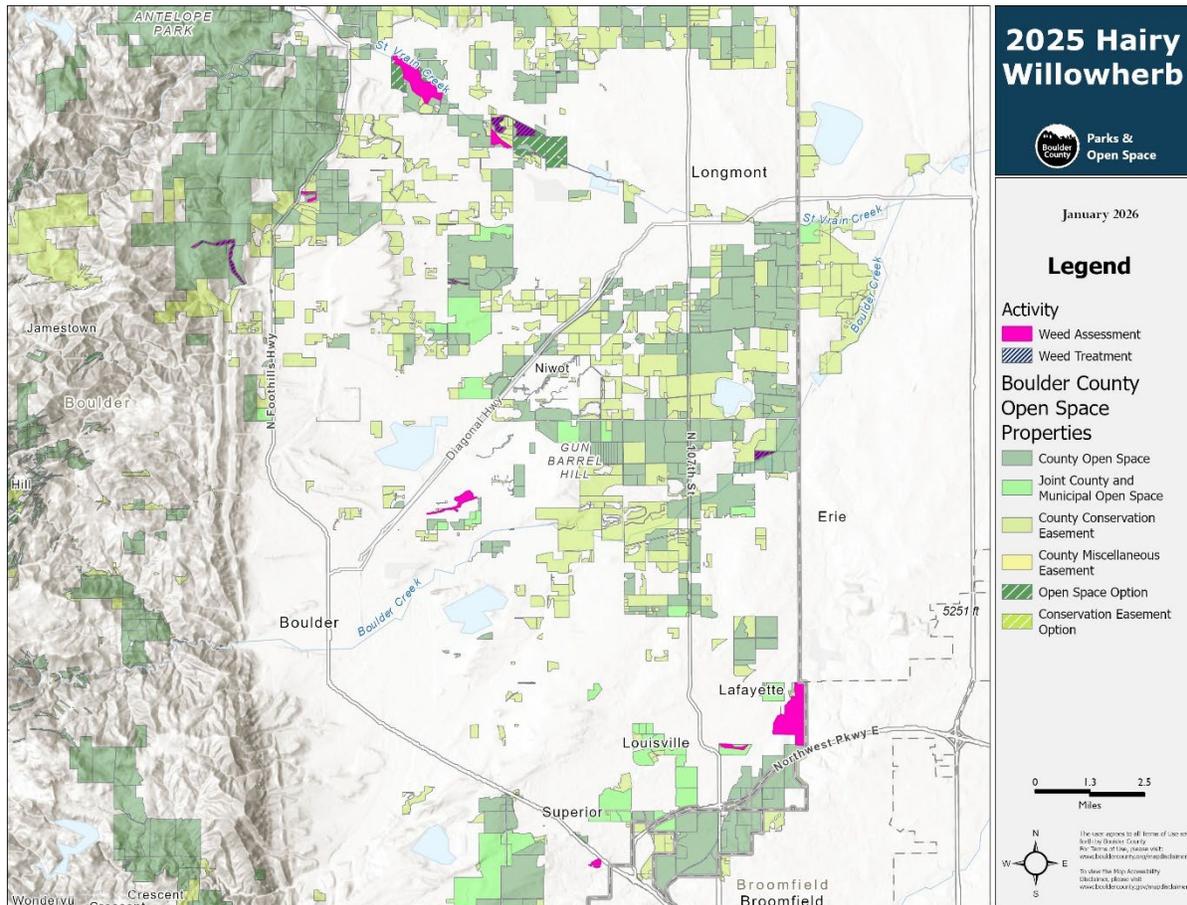
In 2025, manual removal was the only treatment method used for Dyer's Woad; this method has historically been effective for this infestation. Only one plant was found and removed prior to seed development this year. There were no plants found at this location in 2024.



Hairy willowherb

Hairy willowherb spread in the county is a concern; there are several known locations on BCPOS natural lands and Boulder County rights-of-way, private lands, and other public agency lands. Ongoing EDRR scouting, outreach, and education and private property enforcement will remain critical to getting a handle on this species spread.

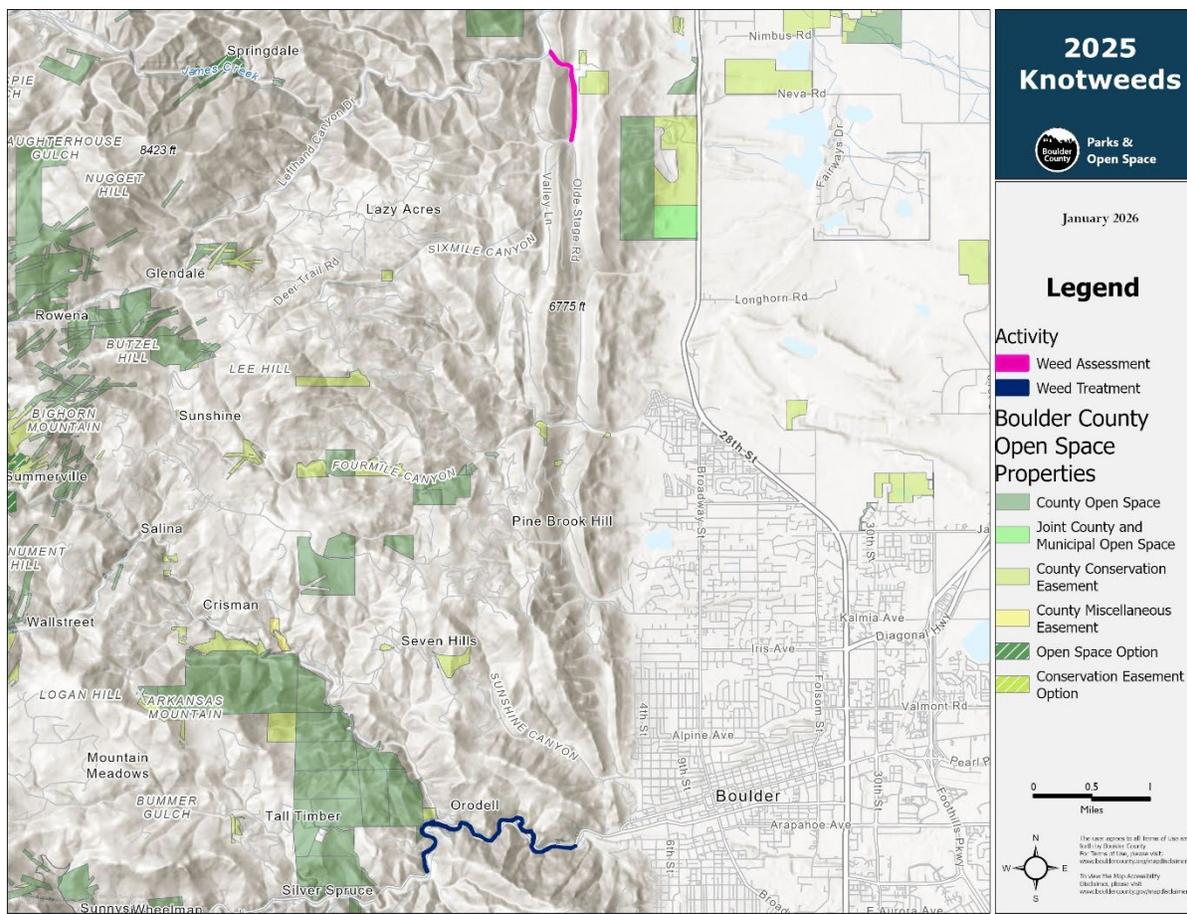
The weeds team manually removes plants in some select locations for a pilot project, but a mixture of the herbicides Ecomazapyr 2SL and Clearcast was used on some populations in 2025. Significant staff time was dedicated to hairy willowherb treatment but due to the time intensity of manually removing plants not all locations received treatment, and several treatments were left unfinished. Manual removal is a viable option for small patches of scattered plants, but herbicide application remains the most effective treatment method for dense patches of plants.



Knotweeds

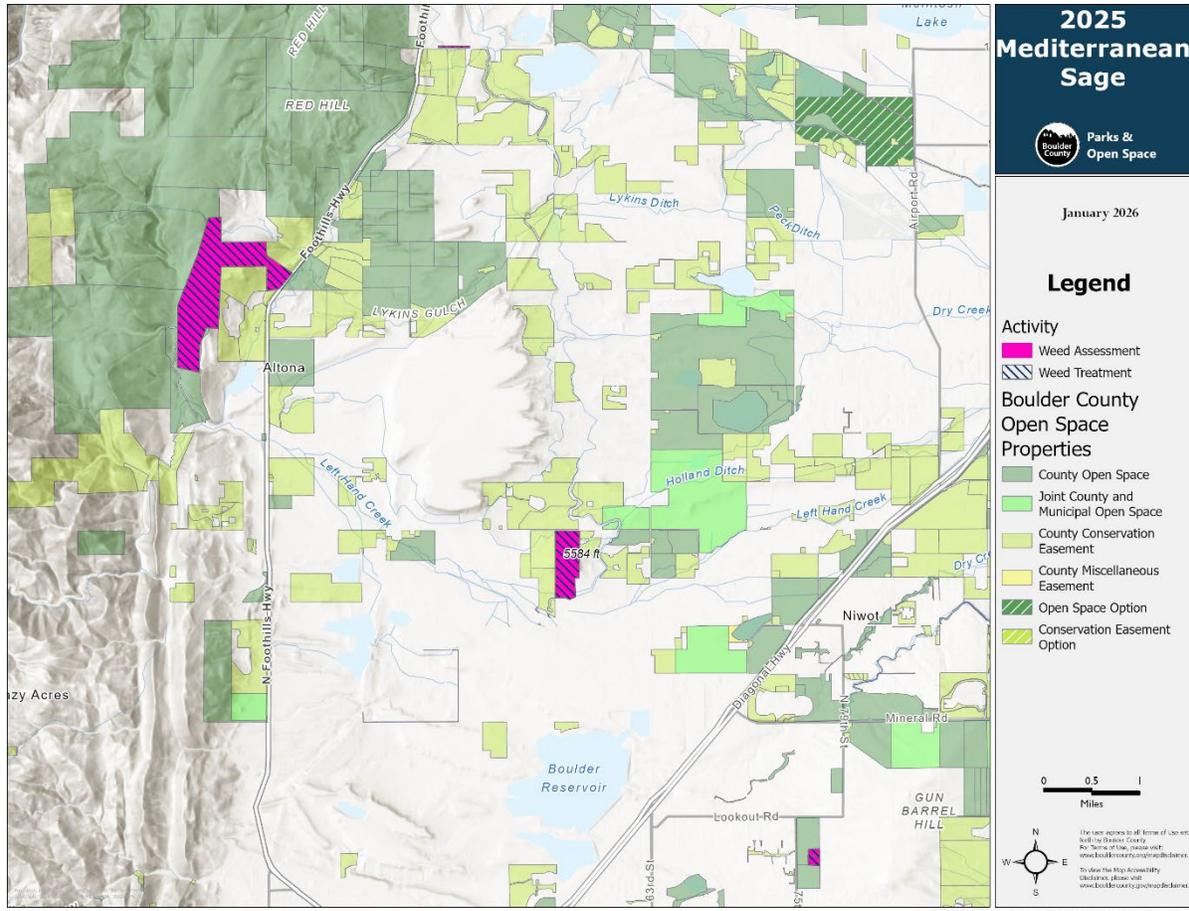
The density and spread of knotweed on BCPOS natural lands and Boulder County rights-of-way has been steadily decreasing for several years. This year, one historic site did not have any plants located and has been placed in an elimination status. A few plants were located on Boulder Canyon and James Canyon Road and were treated by removing the stalk of the plant and treating it with the herbicide Milestone.

The largest threat to achieving elimination of this species on BCPOS natural lands and Boulder County rights-of-way is ongoing seed distribution from populations on private property.



Mediterranean sage

The mediterranean sage working group that consists of BCPOS, Larimer County, City of Boulder, City of Longmont, and the Longmont and Boulder Valley Conservation District continued their collaborative approach to tackling this priority eradication species. More plants were removed than in previous years on BCPOS sites, but most plants removed were rosettes, which prevented any seeding from occurring on some sites this year.

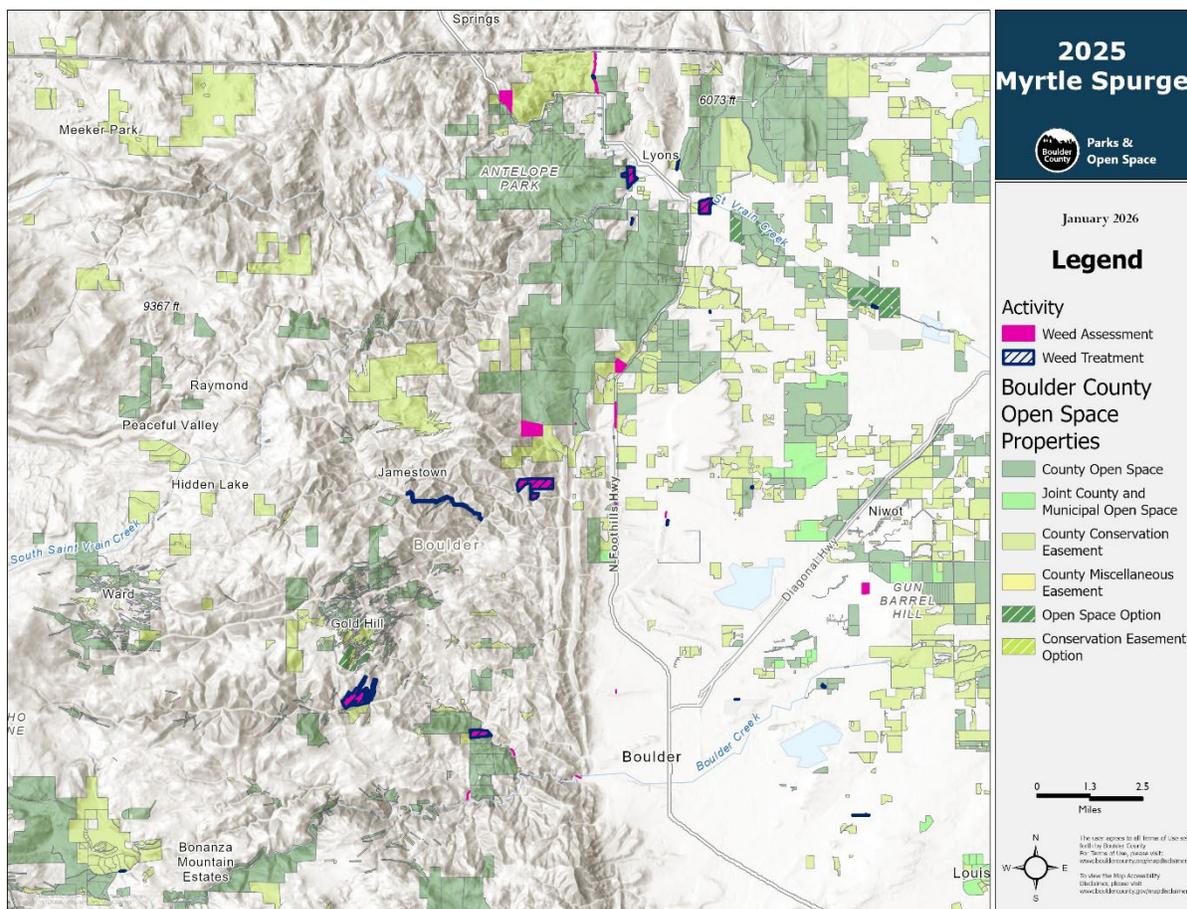


Myrtle spurge

There are significant populations of myrtle spurge on BCPOS natural lands and Boulder County rights-of-way, private lands, and other public agency lands in the county. Significant progress for this species will require more education and outreach, increased collaboration, and active enforcement of private property regulations.

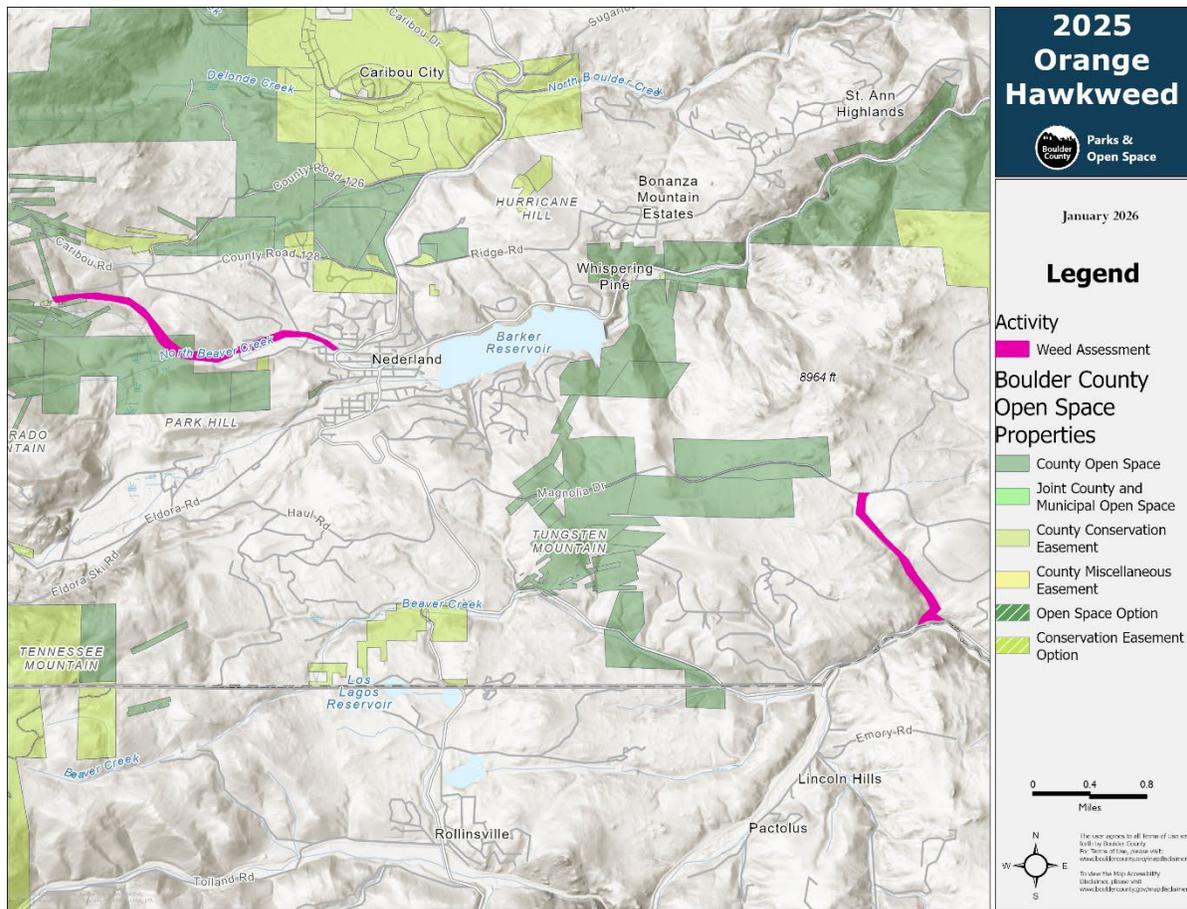
In 2025, BCPOS, City of Boulder, and the United States Forest Service undertook a collaborative project to try to address some populations that cover a large area of public land (this area includes Heil Valley Ranch). Every year new locations are discovered through EDRR scouting or reports received from the public.

Manual removal of this plant has been effective, but several sites have significant seed banks as well as high likelihood of re-invasion from neighboring or upstream untreated populations. Yearly treatment is required and, when treatment is skipped for a season, significant loss in progress is noted. An additional challenge of managing this species is that it can grow on steep, unstable rock faces making access unsafe for staff.



Orange hawkweed

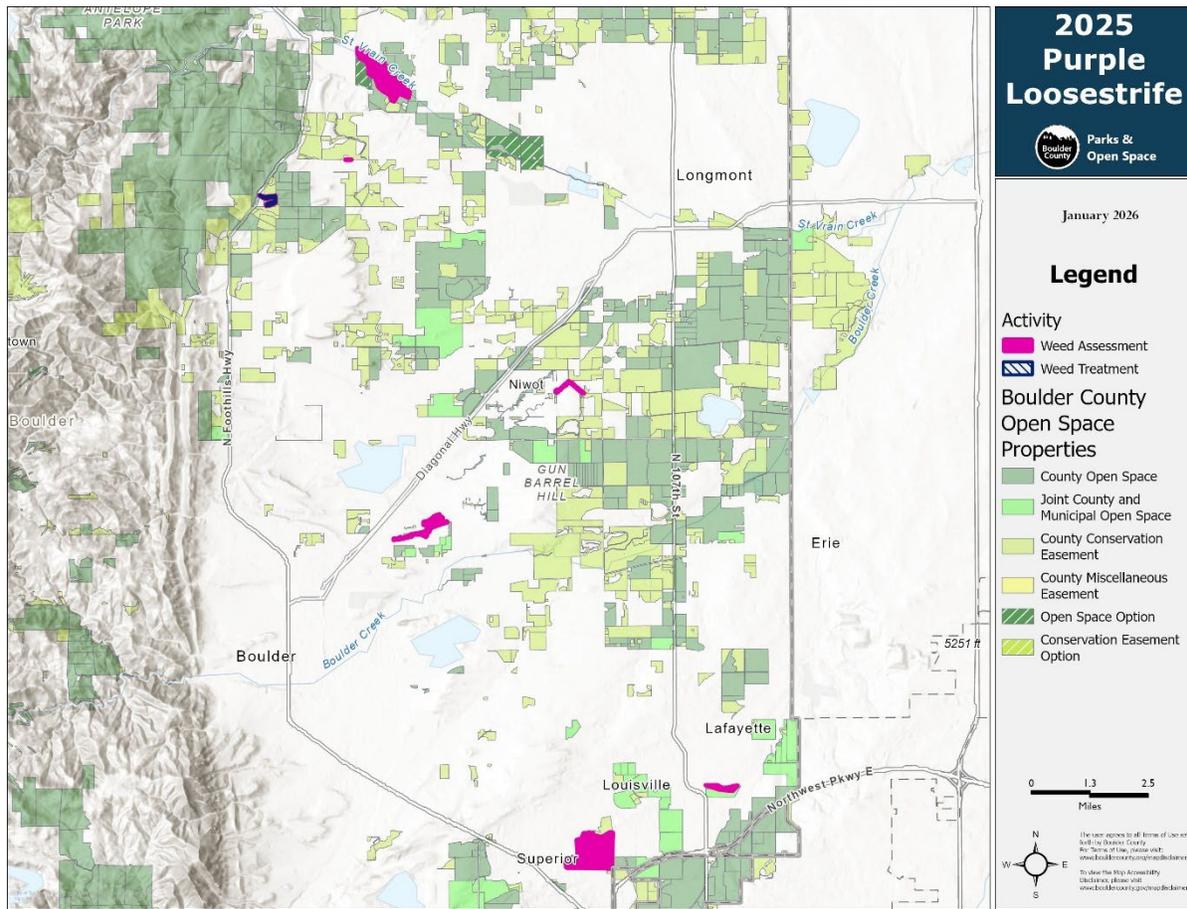
In 2025, no orange hawkweed was located on either BCPOS natural lands or Boulder County rights-of-way. Two rights-of-way populations have been placed in eliminated status. One known population on BCPOS natural lands was not assessed in 2025 due to access and timing issues. While there are known populations of this plant on private property and other jurisdictions' public land in the county, these three sites have a high likelihood of achieving and maintaining eliminated status.



Purple loosestrife

The density and spread of purple loosestrife on BCPOS natural lands and Boulder County rights-of-way has been steadily decreasing for several years. This can be correlated to the significant push for EDRR that occurred historically. This push led to public awareness and treatment on both public and private lands.

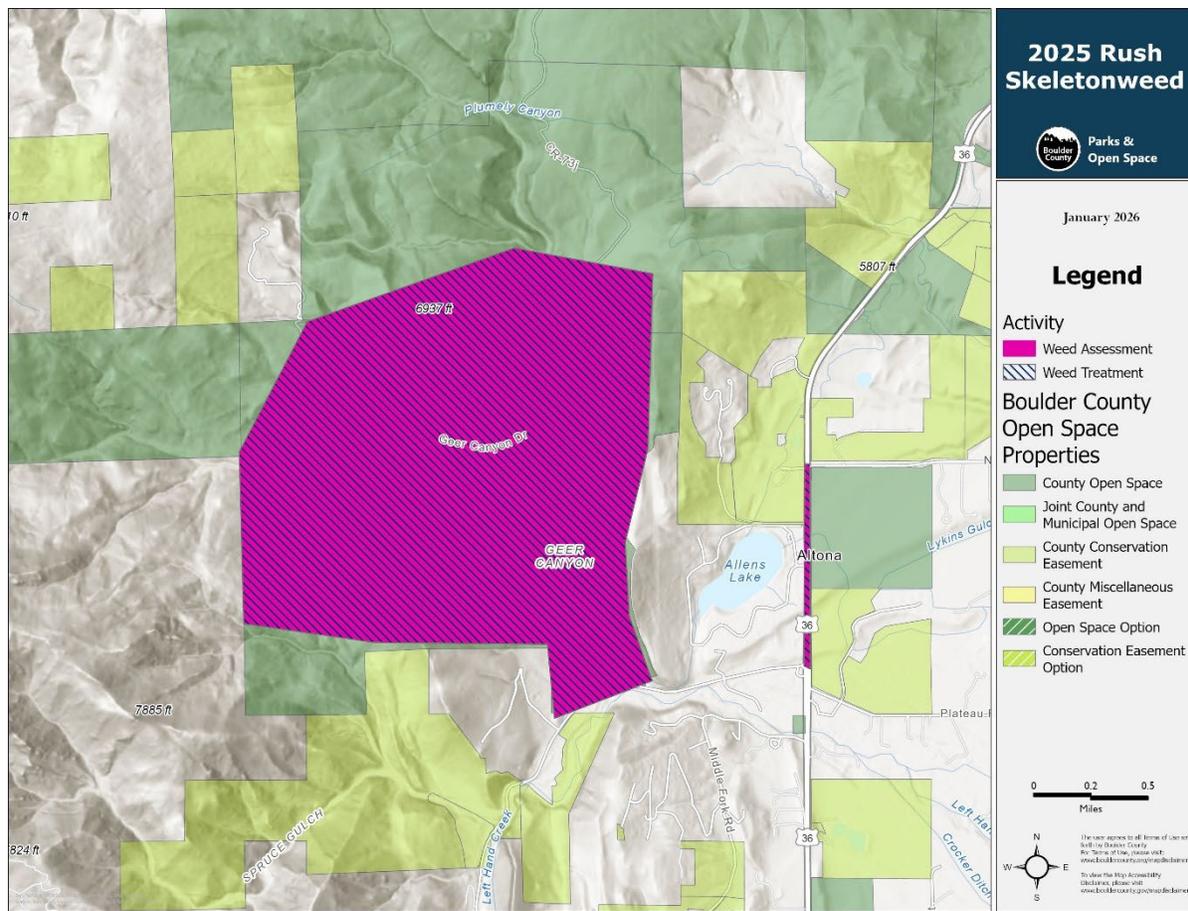
The largest threat to achieving elimination of this species on either BCPOS natural lands or Boulder County rights-of-way is ongoing seed distribution from populations on private property.



Rush skeletonweed

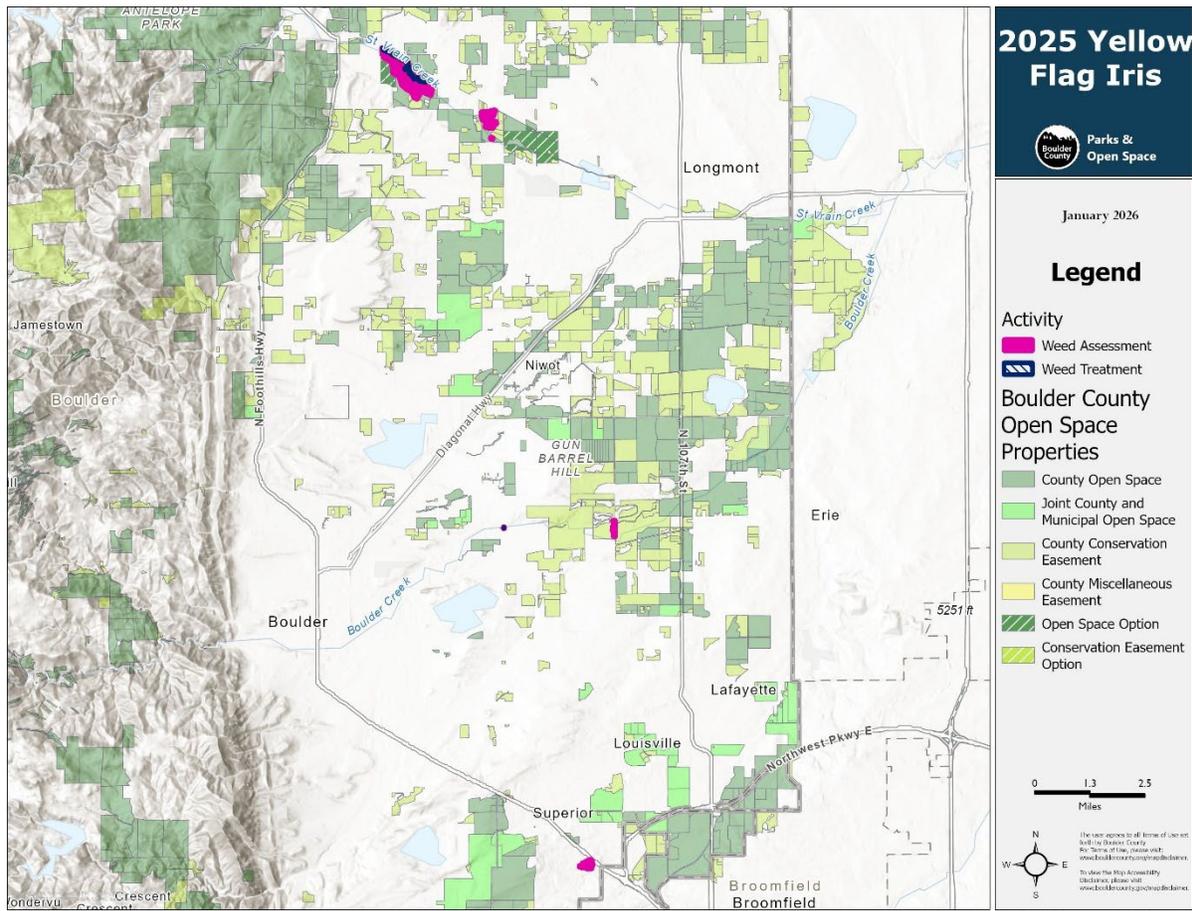
Rush skeletonweed is a high priority eradication species that has two active populations, one on BCPOS natural lands and one on a Boulder County right-of-way. Both populations are at high risk of spreading as one is along a busy transportation corridor (US HWY 36) and the other is at a BCPOS Open Space (Heil Valley Ranch). In 2025, manual removal was the only treatment method utilized. This method is effective when there is enough staff capacity to be able to visit these populations once every week during the growing season. To help ensure there are enough people to help with this large task, BCPOS has been hosting a yearly gathering of surrounding agencies to educate them about and treat this species.

The density and spread at the main areas of infestation at both locations remained stable in early season treatments to previous years. Some small, isolated patches are decreasing in density, and some isolated patches no longer have plants.



Yellow flag iris

BCPOS is concerned about the potential spread and impact that yellow flag iris could have within the county waterways. EDRR is critical to preventing this species from establishing and spreading like other semi-aquatic noxious weed species have (hairy willowherb and purple loosestrife). Both manual removal and a mixture of the herbicides Ecomazapyr 2SL and Clearcast were utilized in 2025. Manual removal is a viable treatment method if the site is safe for staff to reach the plants with a shovel and plant abundance is less than dense patches.



Cypress spurge

There is one population on BCPOS natural lands that is close to being eradicated, but it was not assessed this year. There are other known populations within the county on private properties.

Yellow starthistle

The only known population within the county was deemed eradicated, but this species continues to be on the list as neighboring jurisdictions have populations, increasing invasion potential.

Giant reed

Giant reed has been identified in the county on private lands but there are no known populations on BCPOS natural lands or Boulder County rights-of-way.

Herbicide application records listed in section 4.6

Herbicide application records outlined in the IWMP section *4.6 Record Keeping Requirements for Use of Herbicides* and the public notifications outlined in the IWMP section *4.6. Communication and Notification Process for Herbicide Use – Application Notification on Public Lands and Rights-of-way* can be found in Appendix C.

Private Property Notifications and Enforcement

To assist private landowners in the control of noxious weeds BCPOS provides technical support in the form of assisting with landowner management plans, answering public inquiries through email and phone calls, conducting site visits, and participating in public presentations. BCPOS weeds staff will track these efforts in 2026 to provide number of contacts and staff hours. In 2025, Colorado State University (CSU) Extension documented 89 direct contacts with private landowners related to noxious weed management, including site visits, phone calls, and email correspondence. In addition, CSU Extension offered two educational webinars on noxious weed management. The Spring webinar had 40 registered participants, and the Fall webinar had 95 registered participants.

Additionally, BCPOS supports the removal of myrtle spurge on private land by allotting \$25,000 a year to manually remove the species on private properties with volunteers. In 2025 a contract was awarded to Wildland Restoration Volunteers to fulfil this work. They hosted 5 events treating 14 properties, covering 57 acres. Volunteers contributed 344.5 hours to these projects. This project is expected to continue to support private landowners.

The Boulder County Community Planning and Permitting (CPP) department had 88 noxious weed code enforcement cases filed on private property in 2025. Each of those 88 cases was issued a letter, 64 cases responded and 48 had documented mitigation. For more details on these cases see the table below that includes the status and Noxious Weed List of the species reported.

BCPOS supports CPP in this area by submitting observations made by staff of eradication species on private properties made from public rights-of-way and BCPOS land to CPP department. In 2025 this was accomplished through a shared excel document. BCPOS submitted 66 sightings to CPP. These sightings are included in the distribution data BCPOS submits to the CDA through the EDDMapS.

Application #	Status	Noxious Weed List
NWE-25-0001	Closed Abated	List A
NWE-25-0002	No Violation Found	List A
NWE-25-0003	10 Day Notice Sent	List A
NWE-25-0004	Violation Confirmed	List B
NWE-25-0005	Violation Confirmed	List A
NWE-25-0006	Under Investigation	List A
NWE-25-0007	Violation Confirmed	List A
NWE-25-0008	No Response	List A
NWE-25-0009	No Response	List A
NWE-25-0010	No Violation Found	List A
NWE-25-0011	No Violation Found	List A
NWE-25-0012	Under Investigation	List A
NWE-25-0014	No Violation Found	List A
NWE-25-0015	Violation Confirmed	List A
NWE-25-0016	Violation Confirmed	List A
NWE-25-0017	Violation Confirmed	List A
NWE-25-0018	No Violation Found	List A
NWE-25-0019	Violation Confirmed	List A
NWE-25-0020	Violation Confirmed	List A
NWE-25-0021		List A
NWE-25-0022	Violation Confirmed	List A
NWE-25-0023	Violation Confirmed	List A
NWE-25-0024	No Violation Found	List A
NWE-25-0025	No Violation Found	List A
NWE-25-0026	Under Investigation	List A
NWE-25-0027	No Violation Found	List A
NWE-25-0028	No Violation Found	List A

NWE-25-0029	No Violation Found	List A
NWE-25-0030		List A
NWE-25-0031		List B
NWE-25-0032	Under Investigation	List B
NWE-25-0033	Violation Confirmed	List B
NWE-25-0034	No Violation Found	List A
NWE-25-0035	No Violation Found	List A
NWE-25-0036	No Violation Found	List A
NWE-25-0037	Under Investigation	List A
NWE-25-0038	No Violation Found	List A
NWE-25-0039	No Violation Found	List A
NWE-25-0040	Closed Abated	List A
NWE-25-0041	Violation Confirmed	List A
NWE-25-0042	Under Investigation	List B
NWE-25-0043	Under Investigation	List B
NWE-25-0044	Closed Abated	List B
NWE-25-0045	Closed Referred	List B
NWE-25-0046	Closed Abated	List B
NWE-25-0047	10 Day Notice Sent	List B
NWE-25-0048	Under Investigation	List B
NWE-25-0049	10 Day Notice Sent	List B
NWE-25-0050	Under Investigation	List B
NWE-25-0051	Under Investigation	List B
NWE-25-0052	Under Investigation	List B
NWE-25-0053	10 Day Notice Sent	List A
NWE-25-0054	No Violation Found	List A
NWE-25-0055	No Response	List A
NWE-25-0056	Inspection Pending	List A
NWE-25-0057		List B
NWE-25-0058	No Violation Found	List B
NWE-25-0059	10 Day Notice Sent	List B
NWE-25-0060	10 Day Notice Sent	List B
NWE-25-0061	Violation Confirmed	List A
NWE-25-0062	Under Investigation	List A
NWE-25-0063	No Violation Found	List A
NWE-25-0064	Closed Abated	List A
NWE-25-0065	No Response	List A
NWE-25-0066	10 Day Notice Sent	List A
NWE-25-0067	10 Day Notice Sent	List A
NWE-25-0068	10 Day Notice Sent	List A

Appendices Accessibility Disclaimer

Boulder County aims to ensure all digital content and documents are accessible. While efforts have been made to maximize accessibility, some types of content in these appendices have inherent technical limitations. For alternate formats or accommodations, please submit an [ADA Web Accommodation Request Form](#) or email ada@bouldercounty.gov, or call 303-441-1386.

Appendix A: Attribute Table for 2025 BCPOS Colorado Department of Agriculture Noxious Weed Distribution Data Map

Below is the attribute table submitted to EDDMapS in accordance with the RULES PERTAINING TO THE ADMINISTRATION AND ENFORCEMENT OF THE COLORADO NOXIOUS WEED ACT.

Missing from this table is the Object ID, UUID, County (USA), State (Colorado), County (Boulder), Reporter (Boulder County Parks & Open Space) and the column used to indicate if the record can be displayed to the public. This information was omitted to allow for the table to fit within this report. The table is across two pages and includes a pair ID to help match the data. This data is publicly accessible on the EDDMapS platform found here: [EDDMapS](#).

EDDMaps Attachment Table

Pair 1A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
10697287	2144	Human Observation	3/27/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
11460880	2164	Human Observation	3/27/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11465675	2175	Human Observation	3/14/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
11383480	2186	Human Observation	3/19/2025	<i>Isatis tinctoria</i>	Dyer's Woad	Undetected
12156551	2199	Human Observation	3/27/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11485260	2202	Human Observation	3/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	22616	Human Observation	5/9/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11383504	22637	Human Observation	5/19/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	22644	Human Observation	5/13/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11347829	2267	Human Observation	3/19/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
	22685	Human Observation	5/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	22747	Human Observation	5/7/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22807	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	2288	Human Observation	3/20/2025	<i>Lysimachia vulgaris</i>	Garden Loosestrife	Detected
11424905	22918	Human Observation	7/11/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	22940	Human Observation	5/16/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	23019	Human Observation	7/17/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	23033	Human Observation	5/29/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected

Pair 1B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Dense Plants	Untreated		Acres	42.14	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	231.29	Acres		Herbicide;
Scattered Plant	Untreated		Acres	28.51	Acres		Herbicide;
No Abundance	Not Found		Acres	11.98	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	250.75	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	171.45	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	4.81	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	3.77	Acres		Manual Removal;
Scattered Plant	Treated		Acres	0.04	Acres	75	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	145.10	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	0.22	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	2.17	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	9.63	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	7.65	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	253.99	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	1.76	Acres		Herbicide;
Scattered Patches of Dense Plants	Previously Treated		Acres	4.14	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	4.14	Acres	16	Manual Removal;

Pair 2A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
11424375	23063	Human Observation	6/16/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	23079	Human Observation	6/4/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11383480	23082	Human Observation	6/4/2025	<i>Isatis tinctoria</i>	Dyer's Woad	Detected
	2309	Human Observation	3/4/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected
12249673	23109	Human Observation	6/5/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	2022	Human Observation	2/27/2025	<i>Artemisia absinthium</i>	Absenith Wormwood	Detected
	2042	Human Observation	3/27/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected
	2146	Human Observation	3/27/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected
	2155	Human Observation	3/27/2025	<i>Tamarix chinensis</i>	Salt Cedar	Detected
	2162	Human Observation	3/27/2025	<i>Tamarix chinensis</i>	Salt Cedar	Detected
	2173	Human Observation	3/14/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	2184	Human Observation	3/1/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Undetected
11424932	2188	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
12239283	2193	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11485330	2197	Human Observation	3/27/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11335633	2205	Human Observation	3/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	22614	Human Observation	5/8/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22642	Human Observation	4/30/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected

Pair 2B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
No Abundance	Previously Treated		Acres	0.01	Acres		No Treatment Selected
Scattered Patches of Plants	Treated		Acres	0.26	Acres		Manual Removal;
Single Plant	Untreated		Acres	11.98	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	0.91	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	13.23	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	4.20	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	767.86	Acres		Herbicide; Manual Removal;
Scattered Patches of Plants	Untreated		Acres	163.61	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	231.88	Acres		Herbicide; Mechanical;
Scattered Plant	Untreated		Acres	366.10	Acres		Herbicide; Mechanical;
Scattered Plant	Untreated		Acres	29.01	Acres		Herbicide;
No Abundance	Not Found		Acres	60.42	Acres		No Treatment Selected
Dense Patches of Plants	Untreated		Acres	3.72	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	3.86	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	47.61	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	144.46	Acres		Manual Removal;
Scattered Patches of Dense Plants	Treated		Acres	2.12	Acres	5228	Manual Removal;
Scattered Plant	Untreated		Acres	6.17	Acres		Herbicide;

Pair 3A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	22667	Human Observation	5/20/2025	Euphorbia esula	Leafy Spurge	Detected
	22683	Human Observation	5/16/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	22694	Human Observation	5/19/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	22700	Human Observation	5/22/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	22705	Human Observation	5/16/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	22713	Human Observation	5/16/2025	Euphorbia esula	Leafy Spurge	Detected
11417018	22732	Human Observation	5/17/2025	Salvia aethiopis	Mediterranean Sage	Detected
	22752	Human Observation	5/21/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
11337184	2276	Human Observation	3/14/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	22806	Human Observation	7/17/2025	Cynoglossum officinale	Houndstongue	Detected
	22810	Human Observation	5/23/2025	Hesperis matronalis	Dames Rocket	Detected
	22931	Human Observation	5/28/2025	Salvia aethiopis	Mediterranean Sage	Detected
11515997	2294	Human Observation	3/19/2025	Chondrilla juncea	Rush Skeletonweed	Detected
	22942	Human Observation	5/29/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	22957	Human Observation	5/30/2025	Euphorbia esula	Leafy Spurge	Detected
	22968	Human Observation	6/13/2025	Salvia aethiopis	Mediterranean Sage	Detected
	22973	Human Observation	5/30/2025	Euphorbia esula	Leafy Spurge	Detected
	23032	Human Observation	5/16/2025	Hesperis matronalis	Dames Rocket	Detected

Pair 3B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Previously Treated		Acres	2.30	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	0.16	Acres		Manual Removal;
Dense Patches of Plants	Treated		Acres	2.79	Acres	150	Manual Removal;
Scattered Patches of Dense Plants	Treated		Acres	1.34	Acres	2004	Manual Removal;
Scattered Plant	Treated		Acres	0.06	Acres	535	Manual Removal;
Scattered Plant	Treated	0.00	Acres	0.05	Acres		Herbicide;
Scattered Patches of Plants	Treated		Acres	147.84	Acres	428	Manual Removal;
Scattered Plant	Treated		Acres	0.07	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	61.24	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	263.48	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	0.47	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	106.60	Acres	702	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	1429.68	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	15.32	Acres		Herbicide;
Scattered Plant	Untreated		Acres	11.37	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	7.88	Acres		Manual Removal;
Scattered Plant	Treated	0.18	Acres	0.47	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated		Acres	142.98	Acres	2448	Manual Removal;

Pair 4A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	2307	Human Observation	3/19/2025	<i>Ailanthus altissima</i>	Tree of Heaven	Detected
12239269	23078	Human Observation	5/17/2025	<i>Artemisia absinthium</i>	Absenith Wormwood	Detected
	2043	Human Observation	3/27/2025	<i>Tripleurospermum inodorum</i>	Chamomiles	Detected
11950888	2147	Human Observation	3/27/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected
11460897	2163	Human Observation	2/1/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	2167	Human Observation	3/27/2025	<i>Cynoglossum officinale</i>	Houndstongue	Detected
11465678	2170	Human Observation	3/14/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
11465680	2174	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Undetected
11950631	2181	Human Observation	3/27/2025	<i>Tripleurospermum inodorum</i>	Chamomiles	Detected
	2185	Human Observation	3/14/2025	<i>Ulmus pumila</i>	Siberian Elm	Detected
11485473	2189	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
12239277	2194	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11516365	2198	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11485262	2201	Human Observation	3/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
11383504	22636	Human Observation	5/13/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	22643	Human Observation	5/13/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
12035300	2266	Human Observation	3/19/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	22684	Human Observation	5/16/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected

Pair 4B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Untreated		Acres	5.93	Acres		Herbicide; Mechanical;
Scattered Patches of Dense Plants	Treated		Acres	88.19	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	9.54	Acres		Herbicide; Manual Removal;
No Abundance	Not Found		Acres	116.56	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	397.25	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	719.58	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	29.94	Acres		Herbicide;
No Abundance	Not Found		Acres	21.52	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	21.04	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	60.42	Acres		Herbicide; Mechanical;
Scattered Patches of Dense Plants	Untreated		Acres	121.56	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	1.70	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	8.10	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	168.51	Acres		Manual Removal;
Scattered Plant	Treated		Acres	3.77	Acres	20	Manual Removal;
Scattered Plant	Treated		Acres	0.37	Acres	25	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	145.10	Acres		Manual Removal;
Dense Patches of Plants	Treated		Acres	0.03	Acres	2324	Manual Removal;

Pair 5A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	22695	Human Observation	3/25/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	22699	Human Observation	5/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22710	Human Observation	7/24/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	22714	Human Observation	6/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	2273	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11341471	2275	Human Observation	3/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	2280	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected
	22809	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
11485260	22813	Human Observation	5/24/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	2286	Human Observation	3/20/2025	<i>Alliaria petiolata</i>	Garlic Mustard	Detected
11485473	22885	Human Observation	6/12/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11469947	2290	Human Observation	3/20/2025	<i>Tamarix chinensis</i>	Salt Cedar	Detected
12239312	22939	Human Observation	7/23/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	22941	Human Observation	5/30/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	22943	Human Observation	8/1/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	22959	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	22971	Human Observation	6/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected
	22975	Human Observation	6/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected

Pair 5B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Single Plant	Previously Treated		Acres	0.02	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	1.34	Acres		Manual Removal;
Dense Patches of Plants	Treated	0.03	Acres	0.28	Acres		Herbicide; Manual Removal;
Scattered Plant	Previously Treated		Acres	0.20	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Untreated		Acres	132.23	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	185.39	Acres		No Treatment Selected
No Abundance	Not Found		Acres	35.09	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	86.18	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	158.66	Acres	5897	Manual Removal;
Dense Patches of Plants	Untreated		Acres	2.09	Acres		Manual Removal;
Scattered Patches of Dense Plants	Treated		Acres	121.56	Acres	15839	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	101.28	Acres		Herbicide; Manual Removal;
Dense Patches of Plants	Treated		Acres	0.49	Acres	2281	Manual Removal;
Scattered Patches of Plants	Treated	0.38	Acres	4.14	Acres		Herbicide;
Dense Patches of Plants	Treated	1.05	Acres	15.32	Acres		Herbicide;
Scattered Plant	Treated	0.03	Acres	11.76	Acres		Herbicide;
No Abundance	Previously Treated		Acres	11.76	Acres		No Treatment Selected
No Abundance	Not Found		Acres	0.47	Acres		No Treatment Selected

Pair 6A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	22979	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11485333	23030	Human Observation	6/10/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	23034	Human Observation	6/16/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	2306	Human Observation	3/19/2025	<i>Ulmus pumila</i>	Siberian Elm	Detected
11383480	23083	Human Observation	6/4/2025	<i>Isatis tinctoria</i>	Dyer's Woad	Detected
	23106	Human Observation	7/22/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
12249673	2311	Human Observation	3/19/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
12239269	2040	Human Observation	3/19/2025	<i>Artemisia absinthium</i>	Absenith Wormwood	Detected
	2145	Human Observation	3/27/2025	<i>Tanacetum vulgare</i>	Common Tansy	Detected
	2158	Human Observation	3/27/2025	<i>Cynoglossum officinale</i>	Houndstongue	Detected
12060676	2192	Human Observation	3/14/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Undetected
11485165	2196	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11417018	2203	Human Observation	3/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	22613	Human Observation	5/8/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22617	Human Observation	5/9/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22686	Human Observation	5/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11369476	2269	Human Observation	3/19/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	22693	Human Observation	5/19/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected

Pair 6B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Treated	0.00	Acres	37.05	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	1.77	Acres		Manual Removal;
Scattered Patches of Plants	Previously Treated		Acres	4.14	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	282.85	Acres		Herbicide; Mechanical;
Single Plant	Treated		Acres	0.10	Acres	1	Manual Removal;
Scattered Patches of Plants	Treated		Acres	0.20	Acres	313	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	13.23	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	88.19	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	2.55	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	231.88	Acres		Herbicide;
No Abundance	Not Found		Acres	47.17	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Untreated		Acres	138.22	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	76.35	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	2.12	Acres		Manual Removal;
Dense Patches of Plants	Treated		Acres	4.81	Acres	1312	Manual Removal;
Scattered Plant	Untreated		Acres	0.53	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	410.30	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	0.01	Acres	150	Manual Removal;

Pair 7A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	2270	Human Observation	3/27/2025	<i>Carduus nutans</i>	Musk Thistle	Detected
	22704	Human Observation	4/30/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11335275	22708	Human Observation	5/15/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22712	Human Observation	6/12/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	22748	Human Observation	5/7/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22751	Human Observation	4/30/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22755	Human Observation	5/16/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11329395	2279	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22808	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	22812	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
11341433	2285	Human Observation	3/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected
	2287	Human Observation	3/20/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	22890	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	22894	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
12137307	2292	Human Observation	3/27/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected
	22972	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	22984	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	22992	Human Observation	6/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected

Pair 7B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Untreated		Acres	124.07	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	0.06	Acres		Manual Removal;
Scattered Patches of Dense Plants	Treated		Acres	132.23	Acres	3320	Manual Removal;
Scattered Plant	Treated		Acres	0.53	Acres	656	Manual Removal;
Scattered Patches of Plants	Treated		Acres	2.17	Acres	77	Manual Removal;
Scattered Plant	Untreated		Acres	0.07	Acres		Manual Removal;
Scattered Plant	Treated		Acres	0.10	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	94.14	Acres		Manual Removal;
Scattered Patches of Dense Plants	Treated		Acres	9.76	Acres	871	Manual Removal;
Scattered Plant	Untreated		Acres	0.09	Acres		Manual Removal;
No Abundance	Not Found		Acres	1.89	Acres		No Treatment Selected
Dense Patches of Plants	Untreated		Acres	101.28	Acres		Manual Removal;
Scattered Plant	Treated		Acres	0.13	Acres	52	Manual Removal;
Scattered Plant	Untreated		Acres	7.83	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	124.07	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	0.47	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	0.14	Acres		Manual Removal;
No Abundance	Not Found		Acres	24.03	Acres		No Treatment Selected

Pair 8A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	23020	Human Observation	6/16/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	23031	Human Observation	5/13/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
11383480	23084	Human Observation	6/10/2025	<i>Isatis tinctoria</i>	Dyer's Woad	Undetected
	2310	Human Observation	3/14/2025	<i>Tamarix chinensis</i>	Salt Cedar	Detected
	23107	Human Observation	5/5/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11459824	2319	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	23202	Human Observation	6/10/2025	<i>Salvia aethiopsis</i>	Mediterranean Sage	Detected
	23307	Human Observation	6/13/2025	<i>Ailanthus altissima</i>	Tree of Heaven	Detected
	23314	Human Observation	6/10/2025	<i>Salvia aethiopsis</i>	Mediterranean Sage	Detected
12249671	23318	Human Observation	7/17/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
11950805	23321	Human Observation	9/5/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	23367	Human Observation	6/17/2025	Jointed Goatgrass	Jointed Goatgrass	Detected
11347829	23508	Human Observation	6/25/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
11485306	2357	Human Observation	3/27/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Undetected
	2366	Human Observation	3/24/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2315	Human Observation	3/27/2025	Common Tansy	Common Tansy	Detected
	23198	Human Observation	6/10/2025	<i>Salvia aethiopsis</i>	Mediterranean Sage	Detected
11485262	23251	Human Observation	6/10/2025	<i>Salvia aethiopsis</i>	Mediterranean Sage	Detected

Pair 8B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Dense Plants	Previously Treated		Acres	4.16	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Untreated		Acres	142.98	Acres		Manual Removal;
No Abundance	Not Found		Acres	0.10	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	264.32	Acres		No Treatment Selected
Dense Patches of Plants	Untreated		Acres	0.11	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	83.15	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	45.29	Acres	9	Manual Removal;
Single Plant	Untreated		Acres	0.84	Acres		Herbicide; Mechanical
Scattered Patches of Plants	Previously Treated		Acres	12.91	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	263.48	Acres		Manual Removal;
Scattered Plant	Treated	0.00	Acres	0.05	Acres		Herbicide;
Scattered Plant	Untreated		Acres	2.23	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated		Acres	148.94	Acres	2145	Manual Removal;
No Abundance	Not Found		Acres	21.78	Acres		No Treatment Selected
Dense Patches of Plants	Untreated		Acres	0.05	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	1.56	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	45.29	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	168.51	Acres	2065	Manual Removal;

Pair 9A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	23313	Human Observation	6/13/2025	Salvia aethiopis	Mediterranean Sage	Detected
11468699	23320	Human Observation	7/11/2025	Rhaponticum repens	Russian Knapweed	Detected
	23365	Human Observation	6/17/2025	Cynoglossum officinale	Houndstongue	Detected
	2345	Human Observation	3/19/2025	Euphorbia myrsinites	Myrtle Spurge	Undetected
	2365	Human Observation	3/20/2025	Lythrum salicaria	Purple Loosestrife	Undetected
11370942	2370	Human Observation	3/20/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	2373	Human Observation	3/14/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	24071	Human Observation	7/8/2025	Common Tansy	Common Tansy	Detected
	24082	Human Observation	7/9/2025	Carduus nutans	Musk Thistle	Detected
11468699	24165	Human Observation	7/17/2025	Rhaponticum repens	Russian Knapweed	Detected
11950779	24171	Human Observation	7/16/2025	Euphorbia esula	Leafy Spurge	Detected
	24174	Human Observation	6/18/2025	Euphorbia esula	Leafy Spurge	Detected
11516253	24189	Human Observation	7/22/2025	Meadow Hawkweed	Meadow Hawkweed	Detected
11335262	24291	Human Observation	7/15/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	24381	Human Observation	7/16/2025	Euphorbia esula	Leafy Spurge	Detected
11950827	24442	Human Observation	7/18/2025	Euphorbia esula	Leafy Spurge	Detected
	24453	Human Observation	7/9/2025	Centaurea stoebe	Spotted Knapweed	Detected
11347829	24464	Human Observation	8/7/2025	Chondrilla juncea	Rush Skeletonweed	Detected

Pair 9B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Dense Plants	Treated		Acres	7.88	Acres	533	Manual Removal;
Scattered Plant	Treated	0.10	Acres	0.24	Acres		Herbicide;
Scattered Plant	Untreated		Acres	4.33	Acres	6	Manual Removal;
No Abundance	Not Found		Acres	61.56	Acres		No Treatment Selected
No Abundance	Not Found		Acres	9.85	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	3.24	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	0.22	Acres		No Treatment Selected
Scattered Patches of Plants	Treated		Acres	2.55	Acres	112	Manual Removal;
Scattered Patches of Plants	Treated		Acres	170.86	Acres		Manual Removal;
Dense Patches of Plants	Previously Treated		Acres	0.24	Acres		No Treatment Selected
Scattered Plant	Previously Treated		Acres	2.69	Acres		No Treatment Selected
Scattered Plant	Treated	0.00	Acres	0.58	Acres		Herbicide;
Scattered Plant	Treated	0.01	Acres	17.01	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	45.99	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	26.81	Acres		Biological; Cultural; Herbicide; Manual Removal; Mechanical;
Scattered Patches of Plants	Treated	0.04	Acres	7.37	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	36.85	Acres		Herbicide;
Scattered Patches of Dense Plants	Previously Treated		Acres	13.19	Acres		Manual Removal;

Pair 10A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	24606	Human Observation	7/24/2025	<i>Lysimachia vulgaris</i>	Garden Loosestrife	Detected
	24625	Human Observation	7/25/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
11465675	24636	Human Observation	8/13/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
	24654	Human Observation	7/25/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
11465680	24658	Human Observation	8/13/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Undetected
	24665	Human Observation	7/25/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
	24669	Human Observation	8/20/2025	<i>Rhaphonticum repens</i>	Russian Knapweed	Undetected
	23164	Human Observation	6/6/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	23319	Human Observation	6/13/2025	<i>Rhaphonticum repens</i>	Russian Knapweed	Detected
11469902	2352	Human Observation	3/27/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	2356	Human Observation	3/27/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Undetected
	2358	Human Observation	3/27/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
11950805	2363	Human Observation	3/20/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11536776	2364	Human Observation	3/20/2025	<i>Lysimachia vulgaris</i>	Garden Loosestrife	Detected
11417013	2372	Human Observation	3/11/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
10697304	2392	Human Observation	3/27/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Undetected
	24081	Human Observation	7/9/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected
11950779	24168	Human Observation	6/18/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected

Pair 10B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Treated	0.00	Acres	7.65	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.03	Acres	4.28	Acres		Herbicide;
Scattered Plant	Previously Treated		Acres	28.51	Acres		Herbicide;
No Abundance	Not Found		Acres	48.19	Acres		No Treatment Selected
No Abundance	Not Found		Acres	21.52	Acres		No Treatment Selected
Dense Patches of Plants	Treated		Acres	7.71	Acres	2433	Manual Removal;
No Abundance	Not Found		Acres	1.09	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	0.57	Acres	3	Manual Removal;
Scattered Plant	Untreated		Acres	2.23	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	277.25	Acres		Herbicide;
No Abundance	Not Found		Acres	409.87	Acres		No Treatment Selected
No Abundance	Not Found		Acres	21.61	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	5.05	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	9.85	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	0.02	Acres		No Treatment Selected
No Abundance	Not Found		Acres	6.04	Acres		No Treatment Selected
Scattered Patches of Plants	Treated		Acres	163.61	Acres		Manual Removal;
Scattered Plant	Treated	0.00	Acres	2.69	Acres		Herbicide;

Pair 11A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	24173	Human Observation	6/18/2025	Euphorbia esula	Leafy Spurge	Detected
11515997	24177	Human Observation	6/18/2025	Chondrilla juncea	Rush Skeletonweed	Detected
	24188	Human Observation	7/16/2025	Euphorbia esula	Leafy Spurge	Detected
	24195	Human Observation	7/17/2025	Linaria vulgaris	Yellow Toadflax	Detected
	24380	Human Observation	7/16/2025	Centaurea stoebe	Spotted Knapweed	Detected
11950827	24441	Human Observation	6/11/2025	Euphorbia esula	Leafy Spurge	Detected
	24449	Human Observation	8/8/2025	Centaurea stoebe	Spotted Knapweed	Detected
12239283	24469	Human Observation	10/20/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	24609	Human Observation	8/19/2025	Linaria vulgaris	Yellow Toadflax	Detected
11465675	24635	Human Observation	7/25/2025	Lythrum salicaria	Purple Loosestrife	Detected
	24639	Human Observation	7/25/2025	Tamarix chinensis	Salt Cedar	Detected
	24664	Human Observation	7/25/2025	Chondrilla juncea	Rush Skeletonweed	Detected
	24668	Human Observation	7/24/2025	Rhaponticum repens	Russian Knapweed	Detected
12239274	2316	Human Observation	2/25/2025	Common Tansy	Common Tansy	Detected
11951185	2318	Human Observation	3/27/2025	Linaria vulgaris	Yellow Toadflax	Detected
	23305	Human Observation	6/13/2025	Lepidium latifolium	Perennial Pepperweed	Detected
	23312	Human Observation	10/21/2025	Iris pseudacorus	Yellow Flag Iris	Detected
11950910	23364	Human Observation	6/17/2025	Moth Mullein	Moth Mullein	Detected

Pair 11B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Untreated		Acres	0.58	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.00	Acres	1429.68	Acres	17682	Manual Removal;
Scattered Patches of Plants	Previously Treated		Acres	0.53	Acres		Manual Removal;
Scattered Patches of Dense Plants	Previously Treated		Acres	4.28	Acres		Herbicide;
Dense Patches of Plants	Treated	0.28	Acres	26.81	Acres		Herbicide
Scattered Patches of Plants	Untreated		Acres	7.37	Acres		Herbicide;
Scattered Patches of Plants	Previously Treated		Acres	169.09	Acres		No Treatment Selected
Dense Patches of Plants	Previously Treated		Acres	3.86	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	0.99	Acres		Herbicide;
Scattered Plant	Treated	0.00	Acres	28.51	Acres	58	Herbicide;
Single Plant	Untreated		Acres	1.32	Acres		Herbicide; Mechanical;
Dense Patches of Plants	Untreated		Acres	7.71	Acres		Manual Removal;
Scattered Plant	Treated	0.00	Acres	1.09	Acres		Herbicide;
Scattered Plant	Untreated		Acres	41.51	Acres		Herbicide; Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	52.66	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	106.15	Acres		Herbicide;
Scattered Plant	Untreated		Acres	0.04	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	4.33	Acres	13	Manual Removal;

Pair 12A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	2351	Human Observation	3/27/2025	<i>Carduus nutans</i>	Musk Thistle	Detected
11383503	2355	Human Observation	3/27/2025	<i>Fallopia japonica</i>	Knotweeds	Detected
	2362	Human Observation	3/14/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	24072	Human Observation	7/8/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected
	24172	Human Observation	7/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected
	24175	Human Observation	7/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected
	24181	Human Observation	6/4/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
11485203	24197	Human Observation	8/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
12038715	24289	Human Observation	7/15/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	24386	Human Observation	7/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11950827	24443	Human Observation	9/18/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	24447	Human Observation	7/10/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
	24450	Human Observation	7/17/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
	24454	Human Observation	7/17/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
12239277	24458	Human Observation	7/16/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	24466	Human Observation	9/25/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11460880	24527	Human Observation	9/16/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	24607	Human Observation	8/26/2025	<i>Lysimachia vulgaris</i>	Garden Loosestrife	Undetected

Pair 12B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Untreated		Acres	170.86	Acres		Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	14.44	Acres		Herbicide; Manual Removal;
Dense Patches of Plants	Untreated		Acres	5.80	Acres		Herbicide; Mechanical;
Scattered Patches of Dense Plants	Treated		Acres	767.86	Acres		Herbicide; Manual Removal;
No Abundance	Not Found		Acres	7.05	Acres		No Treatment Selected
No Abundance	Previously Treated		Acres	0.58	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Untreated		Acres	10.40	Acres		Manual Removal;
Scattered Patches of Dense Plants	Treated	0.08	Acres	4.63	Acres		Herbicide;
Scattered Plant	Treated		Acres	371.53	Acres	78	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	2.39	Acres		Biological; Cultural; Herbicide; Manual Removal; Mechanical;
Scattered Patches of Plants	Previously Treated		Acres	7.37	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Untreated		Acres	169.09	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	7.37	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	1.54	Acres	36.85	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated		Acres	1.70	Acres	2461	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	54.08	Acres		Manual Removal;
Scattered Patches of Dense Plants	Previously Treated		Acres	97.25	Acres		Herbicide;
No Abundance	Not Found		Acres	7.65	Acres		No Treatment Selected

Pair 13A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	24633	Human Observation	8/19/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
11465678	24659	Human Observation	8/13/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
	24666	Human Observation	8/26/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
	24955	Human Observation	8/1/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2498	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	24992	Human Observation	7/24/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
11454527	2502	Human Observation	3/14/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11468699	25148	Human Observation	8/5/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
11459823	25195	Human Observation	7/16/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2530	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
12156551	25466	Human Observation	8/7/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11468801	25504	Human Observation	8/6/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
11485262	25511	Human Observation	8/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
11347829	25515	Human Observation	10/16/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
	25527	Human Observation	9/9/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11459823	24163	Human Observation	8/7/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11950780	24176	Human Observation	7/16/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
12273402	24179	Human Observation	7/11/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected

Pair 13B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Previously Treated		Acres	4.28	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Treated	0.06	Acres	29.94	Acres		Herbicide;
Dense Patches of Plants	Previously Treated		Acres	7.71	Acres		Manual Removal;
Dense Patches of Plants	Treated	0.04	Acres	0.05	Acres		Herbicide;
Single Plant	Untreated		Acres	0.54	Acres		Manual Removal;
No Abundance	Not Found		Acres	5.38	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	2.58	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	0.08	Acres		Herbicide;
Dense Patches of Plants	Previously Treated		Acres	3.24	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	52.49	Acres		Manual Removal;
Scattered Patches of Plants	Treated	0.10	Acres	250.75	Acres		Herbicide;
Scattered Plant	Untreated		Acres	44.55	Acres		Manual Removal;
Dense Patches of Plants	Treated	0.14	Acres	2.71	Acres		Herbicide;
Scattered Plant	Previously Treated		Acres	144.28	Acres		Manual Removal;
Dense Patches of Plants	Treated		Acres	0.83	Acres	1515	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	3.24	Acres		Herbicide;
Scattered Plant	Untreated		Acres	60.23	Acres		Herbicide;
Scattered Patches of Plants	Treated		Acres	11.66	Acres	325	Manual Removal;

Pair 14A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	24182	Human Observation	6/12/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	24201	Human Observation	8/21/2025	Common Tansy	Common Tansy	Detected
11460880	24433	Human Observation	7/18/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	24448	Human Observation	7/17/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
	24451	Human Observation	7/17/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
	24455	Human Observation	8/8/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
11516253	24528	Human Observation	8/7/2025	Meadow Hawkweed	Meadow Hawkweed	Detected
11485165	24608	Human Observation	7/24/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11424901	24656	Human Observation	7/25/2025	<i>Lysimachia vulgaris</i>	Garden Loosestrife	Undetected
	24667	Human Observation	7/24/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	2479	Human Observation	3/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
11950780	24929	Human Observation	7/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	24956	Human Observation	8/28/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2512	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	25192	Human Observation	10/20/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2531	Human Observation	3/19/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11465675	25338	Human Observation	8/19/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
	2539	Human Observation	3/27/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected

Pair 14B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Dense Plants	Treated		Acres	10.40	Acres	1626	Manual Removal;
Dense Patches of Plants	Treated	0.05	Acres	1.56	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.33	Acres	94.18	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.56	Acres	169.09	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.05	Acres	7.37	Acres		Herbicide;
Scattered Patches of Dense Plants	Previously Treated		Acres	36.85	Acres		No Treatment Selected
Scattered Plant	Previously Treated		Acres	17.01	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Treated	0.05	Acres	5.80	Acres		Herbicide;
No Abundance	Not Found		Acres	48.19	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	1.09	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	106.60	Acres		Manual Removal;
Scattered Plant	Treated	0.01	Acres	60.23	Acres	45	Herbicide;
Dense Patches of Plants	Previously Treated		Acres	0.05	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	1.01	Acres		Manual Removal;
Scattered Patches of Dense Plants	Previously Treated		Acres	3.72	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	13.68	Acres		Herbicide;
Scattered Plant	Previously Treated		Acres	28.51	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	9.69	Acres		Herbicide;

Pair 15A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
11347899	2542	Human Observation	3/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11452500	2545	Human Observation	3/27/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	25516	Human Observation	8/15/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11459823	25524	Human Observation	8/15/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	25528	Human Observation	7/2/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
11469902	25610	Human Observation	10/9/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
11454527	25619	Human Observation	10/17/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	25667	Human Observation	8/22/2025	Common Tansy	Common Tansy	Detected
	25671	Human Observation	8/21/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11383504	2500	Human Observation	3/19/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	2506	Human Observation	3/14/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	2520	Human Observation	3/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11465675	25336	Human Observation	8/13/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
11469945	2538	Human Observation	2/25/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected
11468801	25506	Human Observation	8/13/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
	2551	Human Observation	3/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected
11485167	25517	Human Observation	8/15/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
11459823	25525	Human Observation	9/11/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected

Pair 15B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Dense Plants	Untreated		Acres	135.40	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	51.92	Acres		Manual Removal;
Scattered Patches of Plants	Treated	0.02	Acres	3.85	Acres		Herbicide;
Dense Patches of Plants	Treated	0.14	Acres	3.24	Acres		Herbicide;
Scattered Patches of Plants	Treated	0.04	Acres	13.68	Acres		Herbicide;
Scattered Patches of Plants	Treated	0.08	Acres	17.03	Acres		Herbicide;
Scattered Plant	Treated		Acres	2.58	Acres	3	Manual Removal;
Dense Patches of Plants	Previously Treated		Acres	1.41	Acres		Manual Removal;
Single Plant	Treated		Acres	0.00	Acres	1	Manual Removal;
Scattered Plant	Untreated		Acres	3.77	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	0.07	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	0.17	Acres		Manual Removal;
Scattered Plant	Treated	0.00	Acres	28.51	Acres		Herbicide;
No Abundance	Not Found		Acres	0.24	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	44.55	Acres	9	Manual Removal;
No Abundance	Not Found		Acres	2.36	Acres		No Treatment Selected
Scattered Patches of Plants	Treated	0.02	Acres	14.67	Acres		Herbicide;
Dense Patches of Plants	Previously Treated		Acres	3.24	Acres		No Treatment Selected

Pair 16A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	25656	Human Observation	8/22/2025	Common Reed	Common Reed	Detected
	25669	Human Observation	8/22/2025	Common Tansy	Common Tansy	Detected
	25676	Human Observation	7/17/2025	Jointed Goatgrass	Jointed Goatgrass	Detected
11516253	2568	Human Observation	3/27/2025	Meadow Hawkweed	Meadow Hawkweed	Detected
	25698	Human Observation	6/27/2025	Onopordum acanthium	Scotch Thistle	Detected
	25701	Human Observation	6/26/2025	Carduus nutans	Musk Thistle	Detected
	2574	Human Observation	3/27/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	25813	Human Observation	9/3/2025	Carduus nutans	Musk Thistle	Detected
	25842	Human Observation	9/4/2025	Epilobium hirsutum	Hairy-Willow Herb	Undetected
	25858	Human Observation	9/2/2025	Ailanthus altissima	Tree of Heaven	Detected
	25861	Human Observation	8/5/2025	Centaurea stoebe	Spotted Knapweed	Detected
	25865	Human Observation	9/4/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	2588	Human Observation	3/19/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	2590	Human Observation	3/19/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
11452493	25907	Human Observation	9/16/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	25932	Human Observation	9/15/2025	Common Tansy	Common Tansy	Detected
10697287	25936	Human Observation	9/15/2025	Linaria vulgaris	Yellow Toadflax	Detected
11516365	2594	Human Observation	3/14/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected

Pair 16B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Untreated		Acres	60.42	Acres		Herbicide;
Dense Patches of Plants	Treated		Acres	0.26	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	25.80	Acres		Herbicide;
Scattered Plant	Untreated		Acres	17.01	Acres		Herbicide;
Scattered Plant	Treated		Acres	4.30	Acres		Mechanical;
Scattered Plant	Treated		Acres	4.65	Acres	51	Mechanical;
Scattered Patches of Dense Plants	Untreated		Acres	27.50	Acres		Herbicide; Manual Removal;
Scattered Plant	Untreated		Acres	9.69	Acres		Herbicide; Manual Removal;
No Abundance	Not Found		Acres	18.84	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	7.52	Acres		Herbicide; Mechanical;
Scattered Patches of Plants	Untreated		Acres	86.18	Acres		
Scattered Patches of Plants	Untreated		Acres	34.06	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	17.09	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	88.50	Acres		Herbicide;
Dense Patches of Plants	Previously Treated		Acres	13.99	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	2.55	Acres		Manual Removal;
Scattered Patches of Plants	Previously Treated		Acres	42.14	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Untreated		Acres	2.13	Acres		No Treatment Selected

Pair 17A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	25971	Human Observation	9/2/2025	<i>Ulmus pumila</i>	Siberian Elm	Detected
	25980	Human Observation	10/21/2025	<i>Cynoglossum officinale</i>	Houndstongue	Detected
11563135	2603	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	26074	Human Observation	3/4/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Undetected
	26105	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
11516395	2611	Human Observation	2/4/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
	2613	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected
11950779	2619	Human Observation	3/19/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	26195	Human Observation	6/3/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	2627	Human Observation	3/27/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected
	26299	Human Observation	9/30/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	2632	Human Observation	3/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11452495	2485	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11516364	2487	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	24947	Human Observation	7/31/2025	<i>Artemisia absinthium</i>	Absenith Wormwood	Detected
	24960	Human Observation	8/26/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11452493	24991	Human Observation	8/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2508	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected

Pair 17B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Untreated		Acres	263.48	Acres		Herbicide; Mechanical
Scattered Patches of Plants	Treated	0.01	Acres	101.28	Acres		Herbicide;
No Abundance	Not Found		Acres	46.81	Acres		No Treatment Selected
No Abundance	Not Found		Acres	0.91	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Treated		Acres	0.24	Acres	266	Manual Removal;
No Abundance	Not Found		Acres	38.98	Acres		No Treatment Selected
No Abundance	Not Found		Acres	0.65	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	2.69	Acres		Herbicide;
Scattered Plant	Treated		Acres	0.31	Acres	25	Manual Removal;
No Abundance	Not Found		Acres	1147.66	Acres		No Treatment Selected
Scattered Plant	Treated	0.01	Acres	6.17	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	2.15	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	15.26	Acres		No Treatment Selected
Dense Patches of Plants	Untreated		Acres	42.17	Acres		Herbicide;
Scattered Patches of Plants	Treated		Acres	1.84	Acres	738	Manual Removal;
Dense Patches of Plants	Previously Treated		Acres	15.32	Acres		No Treatment Selected
Dense Patches of Plants	Treated	0.35	Acres	13.99	Acres		Herbicide;
No Abundance	Not Found		Acres	0.29	Acres		No Treatment Selected

Pair 18A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	2511	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11468699	25150	Human Observation	8/6/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
11468699	25153	Human Observation	8/27/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
11459823	25194	Human Observation	8/7/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11485262	25510	Human Observation	8/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
11347829	25514	Human Observation	8/1/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
	25526	Human Observation	7/25/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	25609	Human Observation	8/20/2025	<i>Tripleurospermum inodorum</i>	Chamomiles	Detected
	25625	Human Observation	9/9/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	2563	Human Observation	3/14/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
11383503	25646	Human Observation	8/14/2025	<i>Fallopia japonica</i>	Knotweeds	Detected
	25658	Human Observation	8/26/2025	Common Reed	Common Reed	Detected
	25665	Human Observation	8/8/2025	Common Tansy	Common Tansy	Detected
	25673	Human Observation	6/18/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	25677	Human Observation	10/8/2025	Jointed Goatgrass	Jointed Goatgrass	Detected
11485210	25691	Human Observation	8/21/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	25706	Human Observation	6/27/2025	<i>Leucanthemum vulgare</i>	Oxeye Daisy	Detected
12239312	2573	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected

Pair 18B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Dense Patches of Plants	Untreated		Acres	1.11	Acres		No Treatment Selected
Dense Patches of Plants	Treated	0.04	Acres	0.14	Acres		Herbicide;
Dense Patches of Plants	Previously Treated		Acres	0.14	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Treated	0.38	Acres	3.24	Acres		Herbicide;
Dense Patches of Plants	Previously Treated		Acres	2.71	Acres		Herbicide;
Scattered Patches of Plants	Treated		Acres	11.91	Acres	664	Manual Removal;
Dense Patches of Plants	Untreated		Acres	0.83	Acres		Manual Removal;
Scattered Plant	Treated	0.00	Acres	9.54	Acres		Herbicide; Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	24.76	Acres		Manual Removal;
No Abundance	Not Found		Acres	0.86	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Treated	0.01	Acres	14.44	Acres		Herbicide; Manual Removal;
Scattered Plant	Treated	0.03	Acres	0.16	Acres		Herbicide; Manual Removal;
Dense Patches of Plants	Untreated		Acres	1.41	Acres		Herbicide; Manual Removal;
Scattered Plant	Untreated		Acres	0.01	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	25.80	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.03	Acres	58.59	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	17.94	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	0.49	Acres		Manual Removal;

Pair 19A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
11485210	2579	Human Observation	3/27/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
11950632	25807	Human Observation	9/3/2025	Tripleurospermum inodorum	Chamomiles	Detected
	25810	Human Observation	9/3/2025	Onopordum acanthium	Scotch Thistle	Detected
11452496	2584	Human Observation	3/14/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	25847	Human Observation	9/4/2025	Iris pseudacorus	Yellow Flag Iris	Detected
	25866	Human Observation	9/10/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
12038715	2587	Human Observation	3/19/2025	Salvia aethiopsis	Mediterranean Sage	Detected
	2595	Human Observation	3/14/2025	Lythrum salicaria	Purple Loosestrife	Undetected
	25976	Human Observation	9/25/2025	Chondrilla juncea	Rush Skeletonweed	Detected
11424375	2598	Human Observation	3/14/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	26048	Human Observation	9/18/2025	Salvia aethiopsis	Mediterranean Sage	Detected
	26051	Human Observation	9/24/2025	Pampas Grass	Pampas Grass	Detected
	26073	Human Observation	3/4/2025	Carduus nutans	Musk Thistle	Detected
11950631	26091	Human Observation	9/17/2025	Tripleurospermum inodorum	Chamomiles	Detected
	26132	Human Observation	9/17/2025	Carduus nutans	Musk Thistle	Detected
11454527	26198	Human Observation	6/3/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	26200	Human Observation	6/10/2025	Hesperis matronalis	Dames Rocket	Detected
	2631	Human Observation	3/19/2025	Euphorbia myrsinites	Myrtle Spurge	Detected

Pair 19B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Dense Plants	Untreated		Acres	397.29	Acres		Herbicide;
Scattered Plant	Untreated		Acres	9.69	Acres		Herbicide; Manual Removal;
Scattered Plant	Untreated		Acres	9.69	Acres		Herbicide; Manual Removal;
Dense Patches of Plants	Untreated		Acres	7.20	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	18.84	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	34.06	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	371.53	Acres		Manual Removal;
No Abundance	Not Found		Acres	263.48	Acres		No Treatment Selected
Scattered Plant	Previously Treated		Acres	7.71	Acres		Manual Removal;
Dense Patches of Plants	Untreated		Acres	0.01	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	4.14	Acres	13	Manual Removal;
Single Plant	Treated		Acres	0.13	Acres	1	Manual Removal;
Scattered Plant	Untreated		Acres	0.91	Acres		Manual Removal;
Scattered Plant	Previously Treated		Acres	21.04	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	124.07	Acres		Manual Removal;
Scattered Plant	Treated		Acres	0.33	Acres	2	Manual Removal;
Scattered Patches of Dense Plants	Treated		Acres	0.06	Acres	1	Manual Removal;
Scattered Plant	Untreated		Acres	21.28	Acres		Manual Removal;

Pair 20A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	2634	Human Observation	3/19/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	2559	Human Observation	3/20/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected
	2561	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	25654	Human Observation	9/18/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	25666	Human Observation	8/8/2025	Common Tansy	Common Tansy	Detected
	25674	Human Observation	6/18/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	25681	Human Observation	6/12/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	25685	Human Observation	8/29/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	25692	Human Observation	8/21/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
	25703	Human Observation	6/12/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
11469947	25756	Human Observation	10/15/2025	<i>Tamarix chinensis</i>	Salt Cedar	Detected
	2578	Human Observation	3/17/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2583	Human Observation	3/14/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
11452454	25844	Human Observation	5/21/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
12249671	25856	Human Observation	9/5/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	2586	Human Observation	3/14/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
	25863	Human Observation	8/5/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11485167	2589	Human Observation	3/19/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected

Pair 20B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
No Abundance	Not Found		Acres	10.39	Acres		No Treatment Selected
No Abundance	Not Found		Acres	0.32	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	0.86	Acres		Herbicide;
Scattered Patches of Dense Plants	Previously Treated		Acres	88.50	Acres		No Treatment Selected
Dense Patches of Plants	Treated	0.08	Acres	0.07	Acres		Herbicide;
Scattered Plant	Treated		Acres	0.01	Acres	21	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	1.15	Acres		Herbicide;
Scattered Plant	Untreated		Acres	8.51	Acres		No Treatment Selected
Dense Patches of Plants	Untreated		Acres	427.70	Acres		Herbicide;
Scattered Plant	Untreated		Acres	0.65	Acres		Manual Removal;
Scattered Patches of Dense Plants	Treated	0.00	Acres	101.28	Acres	75	Herbicide; Manual Removal;
Scattered Plant	Untreated		Acres	3.24	Acres		Manual Removal;
No Abundance	Not Found		Acres	125.79	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	18.84	Acres		Herbicide;
Single Plant	Treated		Acres	26.99	Acres	1	Manual Removal;
No Abundance	Not Found		Acres	3.77	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	1.90	Acres		
Scattered Patches of Plants	Untreated		Acres	14.67	Acres		Herbicide;

Pair 21A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	25899	Human Observation	9/11/2025	Eurasian Watermilfoil	Eurasian Watermilfoil	Detected
	25904	Human Observation	9/11/2025	Linaria vulgaris	Yellow Toadflax	Detected
	25919	Human Observation	9/10/2025	Tamarix chinensis	Salt Cedar	Detected
	25926	Human Observation	4/14/2025	Pampas Grass	Pampas Grass	Detected
11485333	25937	Human Observation	6/3/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
11950888	25948	Human Observation	9/17/2025	Euphorbia esula	Leafy Spurge	Undetected
	25959	Human Observation	10/3/2025	Ulmus pumila	Siberian Elm	Detected
11950952	25981	Human Observation	6/13/2025	Moth Mullein	Moth Mullein	Detected
11951185	26002	Human Observation	9/30/2025	Linaria vulgaris	Yellow Toadflax	Detected
	2601	Human Observation	3/20/2025	Epilobium hirsutum	Hairy-Willow Herb	Undetected
11460880	26057	Human Observation	10/2/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	2608	Human Observation	3/19/2025	Fallopia japonica	Knotweeds	Undetected
	26089	Human Observation	9/17/2025	Common Tansy	Common Tansy	Detected
11950804	2615	Human Observation	3/27/2025	Euphorbia esula	Leafy Spurge	Detected
11950780	2617	Human Observation	3/19/2025	Euphorbia esula	Leafy Spurge	Undetected
	26196	Human Observation	6/17/2025	Cynoglossum officinale	Houndstongue	Detected
	2640	Human Observation	3/20/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	26410	Human Observation	9/24/2025	Salvia aethiopis	Mediterranean Sage	Detected

Pair 21B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Untreated		Acres	33.33	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	0.31	Acres		Herbicide;
Scattered Plant	Treated	0.00	Acres	61.03	Acres	4	Herbicide; Mechanical;
Scattered Patches of Plants	Treated		Acres	138.91	Acres	6	Manual Removal;
Dense Patches of Plants	Treated	0.00	Acres	1.77	Acres	504	Manual Removal;
No Abundance	Not Found		Acres	116.56	Acres		No Treatment Selected
Scattered Patches of Plants	Treated	0.00	Acres	282.85	Acres		Herbicide; Mechanical;
Scattered Patches of Plants	Untreated		Acres	101.28	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.23	Acres	52.66	Acres		Herbicide;
No Abundance	Not Found		Acres	66.42	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Treated	0.05	Acres	3.22	Acres		Herbicide;
No Abundance	Not Found		Acres	7.74	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	2.55	Acres	15	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	135.40	Acres		Herbicide;
No Abundance	Not Found		Acres	60.23	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	4.33	Acres	6	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	1.10	Acres		No Treatment Selected
Scattered Patches of Plants	Treated		Acres	12.91	Acres	264	Manual Removal;

Pair 22A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
11457070	26414	Human Observation	7/16/2025	Euphorbia esula	Leafy Spurge	Detected
11424899	26432	Human Observation	10/2/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	2648	Human Observation	3/4/2025	Leucanthemum vulgare	Oxeye Daisy	Detected
11950631	2649	Human Observation	3/4/2025	Tripleurospermum inodorum	Chamomiles	Detected
	26493	Human Observation	7/23/2025	Rhaponticum repens	Russian Knapweed	Detected
	26497	Human Observation	9/23/2025	Euphorbia esula	Leafy Spurge	Detected
11465822	2650	Human Observation	2/5/2025	Orange Hawkweed	Orange Hawkweed	Undetected
	2665	Human Observation	3/27/2025	Lythrum salicaria	Purple Loosestrife	Undetected
	2711	Human Observation	3/27/2025	Lythrum salicaria	Purple Loosestrife	Detected
	2796	Human Observation	3/14/2025	Pampas Grass	Pampas Grass	Detected
11341433	2921	Human Observation	4/16/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
11341433	3328	Human Observation	4/17/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3348	Human Observation	4/17/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	25697	Human Observation	6/27/2025	Onopordum acanthium	Scotch Thistle	Detected
	25700	Human Observation	6/26/2025	Carduus nutans	Musk Thistle	Detected
	25704	Human Observation	6/12/2025	Hesperis matronalis	Dames Rocket	Detected
	25715	Human Observation	8/1/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
11341433	25757	Human Observation	8/26/2025	Euphorbia myrsinites	Myrtle Spurge	Detected

Pair 22B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Dense Plants	Untreated		Acres	52.66	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	2.76	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	55.10	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	55.10	Acres		Herbicide;
Scattered Patches of Dense Plants	Previously Treated		Acres	25.84	Acres		Herbicide;
Scattered Patches of Plants	Untreated		Acres	1.09	Acres		Herbicide;
No Abundance	Not Found		Acres	31.74	Acres		No Treatment Selected
No Abundance	Not Found		Acres	361.26	Acres		No Treatment Selected
Scattered Plant	Untreated		Acres	12.49	Acres		No Treatment Selected
Scattered Patches of Plants	Untreated		Acres	138.91	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	1.76	Acres		Manual Removal;
Scattered Plant	Treated		Acres	1.76	Acres	174	Manual Removal;
Dense Patches of Plants	Treated		Acres	0.46	Acres	173	Manual Removal;
Scattered Plant	Untreated		Acres	4.30	Acres		Herbicide; Mechanical;
Scattered Plant	Untreated		Acres	4.65	Acres		Mechanical;
Scattered Plant	Treated		Acres	0.02	Acres	40	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	12.84	Acres		Manual Removal;
Scattered Plant	Treated		Acres	1.76	Acres	131	Manual Removal;

Pair 23A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
11452493	2577	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11469946	25816	Human Observation	9/3/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
11485203	2582	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	25823	Human Observation	9/4/2025	<i>Tamarix chinensis</i>	Salt Cedar	Detected
	25841	Human Observation	5/21/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Undetected
11452454	25845	Human Observation	9/4/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	25849	Human Observation	9/11/2025	Eurasian Watermilfoil	Eurasian Watermilfoil	Detected
11383504	25853	Human Observation	9/4/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
	25864	Human Observation	8/5/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	25916	Human Observation	9/30/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	25927	Human Observation	9/11/2025	Pampas Grass	Pampas Grass	Detected
	25930	Human Observation	9/12/2025	Pampas Grass	Pampas Grass	Detected
	25975	Human Observation	8/26/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
	25979	Human Observation	4/17/2025	<i>Cynoglossum officinale</i>	Houndstongue	Detected
11950952	25982	Human Observation	10/21/2025	Moth Mullein	Moth Mullein	Detected
	2600	Human Observation	3/14/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2602	Human Observation	3/20/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
	26050	Human Observation	9/18/2025	Pampas Grass	Pampas Grass	Detected

Pair 23B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Dense Patches of Plants	Untreated		Acres	13.99	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	9.69	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	111.47	Acres		Herbicide; Manual Removal;
Scattered Plant	Untreated		Acres	21.68	Acres		Herbicide; Mechanical;
No Abundance	Not Found		Acres	18.84	Acres		No Treatment Selected
Scattered Patches of Plants	Treated	0.04	Acres	18.84	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	15.51	Acres		Herbicide;
Scattered Plant	Treated		Acres	3.77	Acres	18	Manual Removal;
Scattered Plant	Untreated		Acres	3.12	Acres		
Scattered Patches of Plants	Treated	0.06	Acres	32.27	Acres		Herbicide;
Scattered Plant	Previously Treated		Acres	138.91	Acres		Manual Removal;
Scattered Plant	Treated		Acres	0.48	Acres	1	Manual Removal;
Dense Patches of Plants	Treated		Acres	7.71	Acres	164	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	101.28	Acres		Herbicide;
Scattered Patches of Plants	Treated		Acres	101.28	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	0.10	Acres		No Treatment Selected
No Abundance	Not Found		Acres	66.42	Acres		No Treatment Selected
Single Plant	Untreated		Acres	0.13	Acres		Manual Removal;

Pair 24A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	26072	Human Observation	3/4/2025	<i>Tripleurospermum inodorum</i>	Chamomiles	Detected
	2609	Human Observation	3/19/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected
11950910	26197	Human Observation	6/17/2025	Moth Mullein	Moth Mullein	Detected
	2620	Human Observation	3/19/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	2621	Human Observation	3/19/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Undetected
11950826	2624	Human Observation	3/27/2025	<i>Euphorbia esula</i>	Leafy Spurge	Undetected
	2629	Human Observation	3/27/2025	Meadow Hawkweed	Meadow Hawkweed	Undetected
	2630	Human Observation	3/21/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
12273402	2633	Human Observation	3/19/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
11424899	26433	Human Observation	10/2/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	2647	Human Observation	3/4/2025	Orange Hawkweed	Orange Hawkweed	Undetected
	2794	Human Observation	3/27/2025	<i>Cynoglossum officinale</i>	Houndstongue	Detected
	2798	Human Observation	3/20/2025	Pampas Grass	Pampas Grass	Detected
11335633	3086	Human Observation	3/14/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
11460747	3192	Human Observation	4/22/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	3237	Human Observation	4/22/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
11424932	3244	Human Observation	8/7/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	3330	Human Observation	4/17/2025	<i>Alliaria petiolata</i>	Garlic Mustard	Detected

Pair 24B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Untreated		Acres	0.91	Acres		Herbicide;
No Abundance	Not Found		Acres	7.05	Acres		No Treatment Selected
Scattered Patches of Plants	Treated		Acres	4.33	Acres	13	Manual Removal;
Scattered Plant	Untreated		Acres	24.03	Acres		Herbicide;
No Abundance	Not Found		Acres	24.03	Acres		No Treatment Selected
No Abundance	Not Found		Acres	24.55	Acres		No Treatment Selected
No Abundance	Not Found		Acres	1147.66	Acres		No Treatment Selected
Dense Patches of Plants	Untreated		Acres	0.46	Acres		Manual Removal;
Scattered Patches of Plants	Untreated		Acres	11.66	Acres		Manual Removal;
Dense Patches of Plants	Treated	0.05	Acres	2.76	Acres		Herbicide;
No Abundance	Not Found		Acres	55.10	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Untreated		Acres	42.80	Acres		Herbicide;
Scattered Plant	Untreated		Acres	60.42	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	145.09	Acres	732	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	85.48	Acres		Manual Removal;
Scattered Plant	Previously Treated		Acres	4.14	Acres		Manual Removal;
Dense Patches of Plants	Treated	0.90	Acres	3.72	Acres		Herbicide;
Dense Patches of Plants	Treated		Acres	2.28	Acres	3824	Manual Removal;

Pair 25A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	3350	Human Observation	4/17/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11531100	2646	Human Observation	3/3/2025	Orange Hawkweed	Orange Hawkweed	Detected
	26494	Human Observation	10/1/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
11375666	2795	Human Observation	3/26/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Undetected
	2876	Human Observation	3/27/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	2927	Human Observation	3/25/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	2966	Human Observation	3/25/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11370942	3185	Human Observation	3/21/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	3235	Human Observation	4/16/2025	<i>Salvia aethiopis</i>	Mediterranean Sage	Detected
11424375	3242	Human Observation	6/3/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	3364	Human Observation	4/18/2025	<i>Rhaponticum repens</i>	Russian Knapweed	Detected
	3455	Human Observation	5/13/2025	<i>Alliaria petiolata</i>	Garlic Mustard	Undetected
11950804	3465	Human Observation	9/19/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	3575	Human Observation	5/19/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
11457070	26417	Human Observation	9/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	2663	Human Observation	3/27/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Undetected
11341433	2855	Human Observation	3/27/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected
	3039	Human Observation	4/9/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Undetected

Pair 25B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Treated		Acres	52.49	Acres	65	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	34.88	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.20	Acres	25.84	Acres		Herbicide;
No Abundance	Not Found		Acres	29.40	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	1.53	Acres	13	Manual Removal;
Scattered Patches of Plants	Treated		Acres	0.17	Acres	50	Manual Removal;
Scattered Plant	Treated		Acres	1.01	Acres		Manual Removal;
Scattered Plant	Treated		Acres	3.24	Acres	6	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	4.14	Acres		Manual Removal;
Dense Patches of Plants	Treated		Acres	0.01	Acres	314	Manual Removal;
Dense Patches of Plants	Untreated		Acres	4.16	Acres		Herbicide;
No Abundance	Not Found		Acres	41.07	Acres		No Treatment Selected
Scattered Patches of Plants	Treated	0.03	Acres	135.40	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	15.10	Acres		Manual Removal;
Scattered Patches of Dense Plants	Treated	0.08	Acres	52.66	Acres		Herbicide;
No Abundance	Not Found		Acres	19.73	Acres		No Treatment Selected
No Abundance	Not Found		Acres	2.33	Acres		No Treatment Selected
No Abundance	Not Found		Acres	0.65	Acres		No Treatment Selected

Pair 26A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
11370942	3187	Human Observation	4/15/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
12035300	3195	Human Observation	3/18/2025	Salvia aethiopis	Mediterranean Sage	Detected
11369476	3225	Human Observation	4/16/2025	Salvia aethiopis	Mediterranean Sage	Detected
	3236	Human Observation	4/16/2025	Salvia aethiopis	Mediterranean Sage	Detected
	3243	Human Observation	8/7/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
11341433	3329	Human Observation	4/22/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3332	Human Observation	4/17/2025	Linaria vulgaris	Yellow Toadflax	Detected
	3349	Human Observation	4/20/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
11337184	3352	Human Observation	4/3/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3363	Human Observation	4/3/2025	Pampas Grass	Pampas Grass	Detected
	3370	Human Observation	8/22/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
11347899	3466	Human Observation	4/23/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3501	Human Observation	4/24/2025	Artemisia absinthium	Absenith Wormwood	Detected
	3527	Human Observation	5/1/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3580	Human Observation	4/29/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3584	Human Observation	5/16/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
12239283	3355	Human Observation	6/25/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	3366	Human Observation	5/16/2025	Rhaponticum repens	Russian Knapweed	Detected

Pair 26B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Previously Treated		Acres	3.24	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	145.10	Acres	134	Manual Removal;
Scattered Plant	Treated		Acres	410.30	Acres	3	Manual Removal;
Scattered Patches of Plants	Treated		Acres	4.14	Acres	26	Manual Removal;
Scattered Patches of Plants	Treated	0.37	Acres	0.86	Acres		Herbicide;
Scattered Plant	Previously Treated		Acres	1.76	Acres		Manual Removal;
Dense Patches of Plants	Treated		Acres	4.28	Acres	100	Manual Removal;
Scattered Patches of Plants	Previously Treated		Acres	0.46	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	61.24	Acres	152	Manual Removal;
Scattered Patches of Plants	Treated		Acres	7.87	Acres	4	Manual Removal;
Scattered Patches of Dense Plants	Treated	0.04	Acres	88.50	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated		Acres	135.40	Acres	1969	Manual Removal;
Scattered Patches of Plants	Previously Treated		Acres	1.84	Acres		Manual Removal;
Single Plant	Treated		Acres	0.54	Acres	1	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	46.17	Acres		Manual Removal;
Dense Patches of Plants	Treated		Acres	0.06	Acres	184	Manual Removal;
Dense Patches of Plants	Treated		Acres	3.86	Acres	725	Manual Removal;
Dense Patches of Plants	Treated	0.23	Acres	4.16	Acres		Herbicide;

Pair 27A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	3495	Human Observation	4/24/2025	<i>Artemisia absinthium</i>	Absenith Wormwood	Detected
	3522	Human Observation	3/25/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	3586	Human Observation	5/16/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	3588	Human Observation	4/17/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	3590	Human Observation	8/21/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	3587	Human Observation	7/15/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	26579	Human Observation	10/16/2025	Pampas Grass	Pampas Grass	Detected
	26581	Human Observation	10/16/2025	<i>Lysimachia vulgaris</i>	Garden Loosestrife	Detected
	26584	Human Observation	10/16/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Undetected
	26586	Human Observation	10/16/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
12273402	26588	Human Observation	10/16/2025	<i>Chondrilla juncea</i>	Rush Skeletonweed	Detected
	26591	Human Observation	10/16/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	26613	Human Observation	10/17/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	26614	Human Observation	10/17/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	26592	Human Observation	10/8/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	26593	Human Observation	10/16/2025	<i>Carduus nutans</i>	Musk Thistle	Detected
	26594	Human Observation	10/8/2025	<i>Carduus nutans</i>	Musk Thistle	Detected
	26610	Human Observation	10/17/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected

Pair 27B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Dense Patches of Plants	Treated		Acres	1.84	Acres	3954	Manual Removal;
Scattered Patches of Plants	Treated		Acres	0.07	Acres	2	Manual Removal;
Scattered Patches of Dense Plants	Treated		Acres	0.52	Acres	8121	Manual Removal;
Scattered Patches of Plants	Untreated		Acres	377.40	Acres		Manual Removal;
Scattered Plant	Treated		Acres	17.71	Acres	35	Manual Removal;
Scattered Plant	Treated		Acres	46.17	Acres	86	Manual Removal;
Scattered Plant	Previously Treated		Acres	138.78	Acres		Manual Removal;
Scattered Plant	Untreated		Acres	0.02	Acres		Herbicide;
No Abundance	Not Found		Acres	1.47	Acres		No Treatment Selected
Scattered Plant	Treated		Acres	7.71	Acres	3	Manual Removal;
Scattered Plant	Treated	0.00	Acres	145.10	Acres	35	Manual Removal;
Scattered Plant	Untreated		Acres	24.77	Acres		Herbicide;
Scattered Plant	Untreated		Acres	0.06	Acres		Herbicide;
Scattered Plant	Untreated		Acres	0.12	Acres		Herbicide;
Scattered Plant	Treated	0.12	Acres	3.87	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	22.39	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.12	Acres	22.39	Acres		Herbicide;
Scattered Plant	Untreated		Acres	0.38	Acres		Manual Removal;

Pair 28A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	26677	Human Observation	10/21/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	26678	Human Observation	10/21/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	26686	Human Observation	10/21/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	26782	Human Observation	10/22/2025	<i>Lysimachia vulgaris</i>	Garden Loosestrife	Detected
	26785	Human Observation	10/22/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	26826	Human Observation	10/21/2025	<i>Lepidium latifolium</i>	Perennial Pepperweed	Detected
	26831	Human Observation	10/21/2025	<i>Linaria vulgaris</i>	Yellow Toadflax	Detected
	26833	Human Observation	10/21/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
	26829	Human Observation	10/21/2025	<i>Saponaria officinalis</i>	Bouncing Bet	Detected
	26828	Human Observation	10/21/2025	<i>Saponaria officinalis</i>	Bouncing Bet	Detected
	26832	Human Observation	10/21/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
11454527	27970	Human Observation	11/7/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
11531100	28093	Human Observation	10/3/2025	Orange Hawkweed	Orange Hawkweed	Detected
	28083	Human Observation	10/17/2025	<i>Cynoglossum officinale</i>	Houndstongue	Detected
11370942	28979	Human Observation	10/17/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	28982	Human Observation	10/17/2025	<i>Epilobium hirsutum</i>	Hairy-Willow Herb	Detected
	29125	Human Observation	8/20/2025	Moth Mullein	Moth Mullein	Detected
	29158	Human Observation	6/6/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected

Pair 28B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Plant	Untreated		Acres	0.13	Acres		Herbicide;
Scattered Plant	Treated	0.04	Acres	0.13	Acres		Herbicide;
Dense Patches of Plants	Untreated		Acres	0.50	Acres		Herbicide;
Scattered Plant	Treated	0.01	Acres	0.02	Acres		Herbicide;
Scattered Plant	Treated	0.01	Acres	0.04	Acres	5	Herbicide;
Scattered Patches of Plants	Treated	0.01	Acres	106.15	Acres		Herbicide;
Dense Patches of Plants	Treated	0.01	Acres	0.50	Acres		Herbicide;
Scattered Plant	Treated	0.01	Acres	101.28	Acres		Herbicide;
Scattered Plant	Treated	0.01	Acres	106.76	Acres		Herbicide;
Scattered Plant	Untreated		Acres	106.76	Acres		Herbicide;
Scattered Plant	Untreated		Acres	101.28	Acres		Herbicide;
Scattered Plant	Previously Treated		Acres	0.20	Acres		Manual Removal;
Scattered Patches of Plants	Treated		Acres	34.88	Acres		Herbicide;
Scattered Patches of Dense Plants	Untreated		Acres	91.14	Acres		Herbicide;
Scattered Plant	Treated		Acres	3.24	Acres	109	Manual Removal;
Scattered Plant	Treated		Acres	3.24	Acres	10	Manual Removal;
Scattered Plant	Untreated		Acres	16.73	Acres		Cultural: Herbicide;
Scattered Plant	Treated		Acres	0.57	Acres	2	Manual Removal;

Pair 29A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	29205	Human Observation	11/12/2025	Moth Mullein	Moth Mullein	Detected
11335262	29532	Human Observation	7/15/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	29771	Human Observation	11/14/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	29756	Human Observation	10/15/2025	Ailanthus altissima	Tree of Heaven	Detected
	29768	Human Observation	10/2/2025	Epilobium hirsutum	Hairy-Willow Herb	Detected
	30105	Human Observation	7/15/2025	Euphorbia esula	Leafy Spurge	Detected
	30288	Human Observation	10/9/2025	Carduus nutans	Musk Thistle	Detected
	30290	Human Observation	10/9/2025	Carduus nutans	Musk Thistle	Detected
	30418	Human Observation	11/19/2025	Pampas Grass	Pampas Grass	Detected
	30488	Human Observation	11/18/2025	Ulmus pumila	Siberian Elm	Detected
	30487	Human Observation	11/18/2025	Ulmus pumila	Siberian Elm	Detected
	30502	Human Observation	11/20/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	36790	Human Observation	8/8/2025	Centaurea stoebe	Spotted Knapweed	Detected
	36791	Human Observation	8/21/2025	Centaurea stoebe	Spotted Knapweed	Detected
	36799	Human Observation	8/8/2025	Fallopia japonica	Knotweeds	Detected
	36804	Human Observation	8/21/2025	Fallopia japonica	Knotweeds	Detected
	36807	Human Observation	8/21/2025	Centaurea stoebe	Spotted Knapweed	Detected
	36800	Human Observation	8/8/2025	Centaurea stoebe	Spotted Knapweed	Detected

Pair 29B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Untreated		Acres	7712.10	Acres		No Treatment Selected
Scattered Patches of Plants	Treated		Acres	45.99	Acres	45	Manual Removal;
Scattered Patches of Plants	Treated		Acres	54.08	Acres	832	Manual Removal;
Single Plant	Treated	0.00	Acres	0.84	Acres	1	Herbicide; Mechanical
Dense Patches of Plants	Untreated		Acres	3.18	Acres		Herbicide;
Scattered Plant	Treated		Acres	2.30	Acres	212	Manual Removal;
Scattered Patches of Dense Plants	Untreated		Acres	18.52	Acres		Herbicide;
Scattered Patches of Dense Plants	Treated	0.08	Acres	18.52	Acres		Herbicide;
Scattered Plant	Treated	0.00	Acres	138.78	Acres	10	Manual Removal;
Single Plant	Treated	0.00	Acres	2.08	Acres	-1	Herbicide; Mechanical;
Single Plant	Untreated		Acres	2.08	Acres		Herbicide; Mechanical
Scattered Patches of Plants	Treated		Acres	0.46	Acres	173	Manual Removal;
Scattered Patches of Plants	Treated		Acres	37.97	Acres		Herbicide;
Scattered Patches of Plants	Previously Treated		Acres	37.97	Acres		No Treatment Selected
Single Plant	Treated	1.53	Acres	32.29	Acres	0	Herbicide;
Single Plant	Previously Treated		Acres	32.29	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Previously Treated		Acres	32.29	Acres		No Treatment Selected
Scattered Patches of Dense Plants	Treated	1.53	Acres	32.29	Acres		Herbicide;

Pair 30A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	36801	Human Observation	8/8/2025	<i>Carduus nutans</i>	Musk Thistle	Detected
12250108	36802	Human Observation	8/8/2025	Bull Thistle	Bull Thistle	Detected
	22765	Human Observation	5/21/2025	<i>Potentilla recta</i>	Sulfur Cinquefoil	Detected
	22772	Human Observation	5/21/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22974	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	22982	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	23057	Human Observation	6/3/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	22639	Human Observation	5/13/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22650	Human Observation	5/13/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22690	Human Observation	5/17/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22953	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	23066	Human Observation	6/4/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	23081	Human Observation	6/5/2025	<i>Isatis tinctoria</i>	Dyers Woad	Detected
	16138	Human Observation	5/8/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	22615	Human Observation	5/9/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	22718	Human Observation	5/20/2025	<i>Lepidium draba</i>	Hoary Cress	Detected
	22897	Human Observation	5/23/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	22962	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected

Pair 30B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Treated	1.53	Acres	32.29	Acres		Herbicide;
Scattered Patches of Plants	Treated	1.53	Acres	32.29	Acres		Herbicide;
	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Patches of Plants	Untreated						
	Untreated						
Dense Patches of Plants	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Plant	Untreated						
	Untreated						
Scattered Patches of Dense Plants	Untreated						
	Untreated						

Pair 31A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	23042	Human Observation	6/3/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	23068	Human Observation	6/4/2025	<i>Epilobium hirsutum</i>	Hairy willow-herb	Detected
	23076	Human Observation	6/5/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	22766	Human Observation	5/21/2025	<i>Potentilla recta</i>	Sulfur Cinquefoil	Detected
	22924	Human Observation	5/28/2025	<i>Verbascum blattaria</i>	Moth Mullein	Detected
	22967	Human Observation	5/30/2025	<i>Euphorbia esula</i>	Leafy Spurge	Detected
	23065	Human Observation	6/4/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	23069	Human Observation	6/4/2025	<i>Epilobium hirsutum</i>	Hairy willow-herb	Detected
	23077	Human Observation	6/5/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	23167	Human Observation	6/6/2025	<i>Hesperis matronalis</i>	Dames Rocket	Detected
	23303	Human Observation	6/13/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	23500	Human Observation	6/24/2025	<i>Tanacetum vulgare</i>	Common Tansy	Detected
	23306	Human Observation	6/13/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	24196	Human Observation	7/11/2025	<i>Epilobium hirsutum</i>	Hairy willow-herb	Detected
	24361	Human Observation	7/15/2025	<i>Ailanthus altissima</i>	Tree of Heaven	Detected
	24439	Human Observation	7/18/2025	<i>Epilobium hirsutum</i>	Hairy willow-herb	Detected
	23304	Human Observation	6/13/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected
	23308	Human Observation	6/13/2025	<i>Iris pseudacorus</i>	Yellow Flag Iris	Detected

Pair 31B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Scattered Patches of Plants	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Plant	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Plant	Untreated						
	Untreated						
	Untreated						
Scattered Plant	Untreated						
	Untreated						
	Untreated						
	Untreated						

Pair 32A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	23592	Human Observation	6/26/2025	Verbascum blattaria	Moth Mullein	Detected
	24456	Human Observation	7/18/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	24605	Human Observation	7/23/2025	Fallopia japonica	Knotweed	Detected
	24617	Human Observation	7/24/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	24653	Human Observation	7/25/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	23301	Human Observation	6/13/2025	Fallopia japonica	Knotweed	Detected
	23343	Human Observation	6/17/2025	Verbascum blattaria	Moth Mullein	Detected
	23803	Human Observation	6/27/2025	Onopordum acanthium	Scotch Thistle	Detected
	24420	Human Observation	7/17/2025	Centaurea stoebe	Spotted Knapweed	Detected
	24637	Human Observation	7/25/2025	Lythrum salicaria	Purple Loosestrife	Detected
	24651	Human Observation	7/25/2025	Fallopia japonica	Knotweed	Detected
	24961	Human Observation	8/1/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	24440	Human Observation	7/18/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	24600	Human Observation	7/23/2025	Fallopia japonica	Knotweed	Detected
	24616	Human Observation	7/24/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	24634	Human Observation	7/25/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	24638	Human Observation	7/25/2025	Epilobium hirsutum	Hairy willow-herb	Detected
	24938	Human Observation	7/31/2025	Verbascum blattaria	Moth Mullein	Detected

Pair 32B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
Single Plant	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Plant	Treated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Plant	Untreated						

Pair 33A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	25354	Human Observation	8/13/2025	<i>Epilobium hirsutum</i>	Hairy willow-herb	Detected
	25611	Human Observation	8/27/2025	<i>Fallopia japonica</i>	Knotweed	Detected
	25796	Human Observation	9/3/2025	<i>Verbascum blattaria</i>	Moth Mullein	Detected
	24934	Human Observation	7/30/2025	<i>Centaurea stoebe</i>	Spotted Knapweed	Detected
	24941	Human Observation	7/31/2025	<i>Potentilla recta</i>	Sulfur Cinquefoil	Detected
	25161	Human Observation	8/7/2025	<i>Ailanthus altissima</i>	Tree of Heaven	Detected
	25920	Human Observation	9/12/2025	<i>Lythrum salicaria</i>	Purple Loosestrife	Detected
	26207	Human Observation	9/24/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	26333	Human Observation	10/2/2025	<i>Epilobium hirsutum</i>	Hairy willow-herb	Detected
	25650	Human Observation	8/29/2025	<i>Epilobium hirsutum</i>	Hairy willow-herb	Detected
	2838	Human Observation	3/25/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	3006	Human Observation	4/3/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	3238	Human Observation	4/16/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected
	3320	Human Observation	4/17/2025	<i>Cynoglossum officinale</i>	Houndstongue	Detected
	3331	Human Observation	4/17/2025	<i>Saponaria officinalis</i>	Bouncing Bet	Detected
	3335	Human Observation	4/17/2025	<i>Lepidium draba</i>	Hoary Cress	Detected
	25905	Human Observation	9/11/2025	<i>Fallopia japonica</i>	Knotweed	Detected
	2840	Human Observation	3/25/2025	<i>Euphorbia myrsinites</i>	Myrtle Spurge	Detected

Pair 33B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
	Untreated						
	Untreated						
Scattered Patches of Plants	Untreated						
Scattered Patches of Plants	Untreated						
Dense Patches of Plants	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Patches of Plants	Untreated						
	Untreated						
Dense Patches of Plants	Untreated						
Scattered Plant	Untreated						
	Untreated						
Scattered Patches of Plants	Untreated						
	Untreated						
Scattered Patches of Dense Plants	Untreated						

Pair 34A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	2965	Human Observation	4/3/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3064	Human Observation	4/9/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	2920	Human Observation	3/31/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3005	Human Observation	4/3/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3239	Human Observation	4/16/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3315	Human Observation	4/17/2025	Ulmus pumila	Siberian Elm	Detected
	3489	Human Observation	4/24/2025	Euphorbia esula	Leafy Spurge	Detected
	3492	Human Observation	4/24/2025	Cynoglossum officinale	Houndstongue	Detected
	3520	Human Observation	4/30/2025	Lepidium draba	Hoary Cress	Detected
	3521	Human Observation	4/30/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3528	Human Observation	5/1/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3576	Human Observation	5/7/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3604	Human Observation	5/7/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	2822	Human Observation	3/24/2025	Cynoglossum officinale	Houndstongue	Detected
	3063	Human Observation	4/9/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3074	Human Observation	4/9/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3177	Human Observation	4/10/2025	Verbascum blattaria	Moth Mullein	Detected
	3344	Human Observation	4/17/2025	Euphorbia myrsinites	Myrtle Spurge	Detected

Pair 34B

Abundance	Management Status	Infested Area	Infested Area Units	Gross Area	Gross area Units	Treated Plants	Treatment Comments
	Untreated						
	Untreated						
	Untreated						
	Untreated						
	Untreated						
Single Plant	Untreated						
Scattered Plant	Untreated						
Scattered Patches of Plants	Untreated						
Dense Patches of Plants	Untreated						
Dense Patches of Plants	Untreated						
Dense Patches of Plants	Untreated						
	Treated						
	Untreated						
Scattered Patches of Plants	Untreated						
	Untreated						
	Untreated						
	Untreated						
Scattered Patches of Plants	Untreated						

Pair 35A

Original Record ID	Comments	Record Basis	Observation Date	Scientific Name	Common Name	Occurrence Status
	3490	Human Observation	4/24/2025	Euphorbia esula	Leafy Spurge	Detected
	3516	Human Observation	4/29/2025	Lepidium latifolium	Perennial Pepperweed	Detected
	3543	Human Observation	5/2/2025	Lepidium draba	Hoary Cress	Detected
	3599	Human Observation	5/7/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3602	Human Observation	5/7/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3530	Human Observation	5/1/2025	Verbascum blattaria	Moth Mullein	Detected
	3557	Human Observation	5/5/2025	Lepidium draba	Hoary Cress	Detected
	3573	Human Observation	5/5/2025	Verbascum blattaria	Moth Mullein	Detected
	3603	Human Observation	5/7/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	3517	Human Observation	4/29/2025	Saponaria officinalis	Bouncing Bet	Detected
	3601	Human Observation	5/7/2025	Euphorbia myrsinites	Myrtle Spurge	Detected
	30184	Human Observation	11/18/2025	Potentilla recta	Sulfur Cinquefoil	Detected
	30183	Human Observation	11/18/2025	Iris pseudacorus	Yellow Flag Iris	Detected
	3516	Human Observation	4/29/2025	Cynoglossum officinale	Houndstongue	Detected

Appendix B: List A Population Tables

As mentioned previously, the new AMS will greatly improve the ability of tracking individual populations and sites of List A species year over year, something that has historically been a challenge. Some populations were merged or separated into the new AMS from historical populations, given their geographical locations. Below are tables for each population of each List A species as they are entered in the AMS.

The tables detail the management tasks completed in 2025 on BCPOS natural lands or Boulder County rights-of-way for each population. The table is color coordinated to show if the population was newly discovered this year or was not treated last year (yellow), decreased or remained the same in removal count or herbicide applied (green), increased in removal count or herbicide applied (red), or did not receive a treatment this year (blue). Populations of each species are broken up by a solid line but can also be distinguished by the Site column.

*Removal count is not always collected for every treatment depending on density and treatment method.

**While removal count and herbicide applied are useful insights on general population trend from last year, these metrics often do not capture the whole story of the site and overall trend.

Dyer's woad

Site	Activity	Assessment Timing	Treatment Methods	Start Date	Stop Date	Abundance	Acres	Removal Count	Herbicide Acres Applied
VEG170	Weed Assessment	Pre-Treatment	No Treatment Selected	3/19/2025	6/5/2025	No Abundance	11.98		
VEG170	Weed Assessment	Pre-Treatment	Manual Removal;	6/4/2025	6/5/2025	Single Plant	11.98		
VEG170	Weed Treatment		Manual Removal;	6/4/2025	6/5/2025	Single Plant	0.10	1	
VEG170	Weed Assessment	Post-Treatment	No Treatment Selected	6/10/2025	8/19/2025	No Abundance	0.10		

Hairy willowherb

Site	Activity	Assessment Timing	Treatment Methods	Start Date	Stop Date	Abundance	Acres	Removal Count	Herbicide Acres Applied
VEG118	Weed Assessment	Pre-Treatment	Herbicide;	3/19/2025	4/18/2025	Scattered Patches of Dense Plants	88.50		
VEG118	Weed Treatment		Herbicide;	8/22/2025	8/29/2025	Scattered Patches of Dense Plants	88.50		0.04
VEG118	Weed Assessment	Post-Treatment	No Treatment Selected	9/18/2025	9/18/2025	Scattered Patches of Dense Plants	88.50		
VEG123	Weed Assessment	Pre-Treatment	Manual Removal;	3/17/2025	11/12/2025	Scattered Plant	3.24		
VEG123	Weed Treatment		Manual Removal;	10/17/2025	11/12/2025	Scattered Plant	3.24	10	
VEG147	Weed Assessment	Pre-Treatment	Manual Removal;	3/14/2025	5/28/2025		8.10		
VEG147	Weed Assessment	Pre-Treatment	Manual Removal;	7/11/2025	9/16/2025	Scattered Patches of Dense Plants	253.99		
VEG167	Weed Assessment	Pre-Treatment	Herbicide; Manual Removal;	3/27/2025	9/5/2025	Scattered Patches of Dense Plants	27.50		

VEG171	Weed Assessment	Pre-Treatment	Herbicide;	3/14/2025	4/16/2025	Dense Patches of Plants	3.72	
VEG171	Weed Treatment		Herbicide;	8/7/2025	8/7/2025	Dense Patches of Plants	3.72	0.90
VEG171	Weed Assessment	Post-Treatment	No Treatment Selected	10/20/2025	10/20/2025	Scattered Patches of Dense Plants	3.72	
VEG200	Weed Assessment	Pre-Treatment	Manual Removal;	7/25/2025	8/19/2025	Dense Patches of Plants	0.83	
VEG200	Weed Treatment		Manual Removal;	9/9/2025	9/12/2025	Dense Patches of Plants	0.83	1515
VEG205	Weed Assessment	Pre-Treatment	Herbicide;	3/14/2025	11/13/2025	Dense Patches of Plants	42.17	
VEG234	Weed Assessment	Pre-Treatment	Herbicide;	3/14/2025	8/5/2025	Dense Patches of Plants	13.99	
VEG234	Weed Treatment		Herbicide;	8/14/2025	9/11/2025	Dense Patches of Plants	13.99	0.35
VEG234	Weed Assessment	Post-Treatment	No Treatment Selected	9/16/2025	11/7/2025		13.99	

VEG236	Weed Assessment	Pre-Treatment	Herbicide;	3/19/2025	8/19/2025	Scattered Patches of Plants	17.09	
VEG236	Weed Treatment		Herbicide;	8/15/2025	8/19/2025	Scattered Patches of Plants	3.85	0.02
VEG238	Weed Assessment	Pre-Treatment	Manual Removal;	3/14/2025	4/16/2025	Dense Patches of Plants	0.01	
VEG238	Weed Treatment		Manual Removal;	6/3/2025	6/4/2025	Dense Patches of Plants	0.01	314
VEG238	Weed Assessment	Post/Pre-Treatment	No Treatment Selected	6/16/2025	9/12/2025		0.01	
VEG341	Weed Assessment	Pre-Treatment	No Treatment Selected	5/21/2025	9/4/2025	No Abundance	18.84	
VEG341	Weed Assessment	Pre-Treatment	No Treatment Selected	9/4/2025	9/4/2025	No Abundance	18.84	
VEG36	Weed Assessment	Pre-Treatment	No Treatment Selected	3/27/2025	9/16/2025	No Abundance	409.87	
VEG38	Weed Assessment	Pre-Treatment	No Treatment Selected	3/20/2025	9/5/2025	No Abundance	66.42	
VEG81	Weed Assessment	Pre-Treatment	Manual Removal;	3/14/2025	5/23/2025	Scattered Patches of	121.56	

						Dense Plants		
VEG81	Weed Treatment		Manual Removal;	6/12/2025	11/7/2025	Scattered Patches of Dense Plants	121.56	15839
VEG89	Weed Assessment	Pre-Treatment	Manual Removal;	5/19/2025	5/19/2025	Dense Patches of Plants	0.01	
VEG89	Weed Treatment		Manual Removal;	5/19/2025	5/19/2025	Dense Patches of Plants	2.79	150
VEG89	Weed Assessment	Post/Pre-Treatment	Manual Removal;	3/25/2025	8/29/2025	Single Plant	0.02	
VEG89	Weed Treatment		Manual Removal;	8/21/2025	8/29/2025	Single Plant	0.00	1
VEG93	Weed Assessment	Pre-Treatment	No Treatment Selected	3/14/2025	4/18/2025	No Abundance	0.22	
VEG95	Weed Assessment	Pre-Treatment	Herbicide;	3/14/2025	4/16/2025	Scattered Patches of Plants	0.86	
VEG95	Weed Treatment		Herbicide;	8/7/2025	8/7/2025	Scattered Patches of Plants	0.86	0.37

VEG205	Weed Assessment	Pre-Treatment	Herbicide;	10/17/2025	11/20/2025	Scattered Plant	0.06	
VEG205	Weed Assessment	Pre-Treatment	Herbicide;	10/17/2025	11/20/2025	Scattered Plant	0.12	
VEG47	Weed Assessment	Pre-Treatment	Herbicide;	10/21/2025	10/21/2025	Scattered Plant	0.13	
VEG47	Weed Treatment		Herbicide;	10/21/2025	10/21/2025	Scattered Plant	0.13	0.04

Knotweeds

Site	Activity	Assessment Timing	Treatment Methods	Start Date	Stop Date	Abundance	Acres	Removal Count	Herbicide Acres Applied
VEG243	Weed Assessment	Pre- Treatment	No Treatment Selected	3/19/2025	9/5/2025	No Abundance	7.74		
VEG539	Weed Assessment	Pre- Treatment	Herbicide;	8/8/2025	8/8/2025	Single Plant			
VEG539	Weed Treatment		Herbicide;	8/8/2025	8/8/2025	Single Plant		0	1.53
VEG539	Weed Assessment	Post- Treatment	No Treatment Selected	8/21/2025	8/21/2025	Single Plant			
VEG85	Weed Assessment	Pre- Treatment	Herbicide; Manual Removal;	3/27/2025	8/28/2025	Scattered Patches of Dense Plants	14.44		
VEG85	Weed Treatment		Herbicide; Manual Removal;	8/14/2025	8/28/2025	Scattered Patches of Dense Plants	14.44		0.01

Mediterranean sage

Site	Activity	Assessment Timing	Treatment Methods	Start Date	Stop Date	Abundance	Acres	Removal Count	Herbicide Acres Applied
VEG118	Weed Assessment	Pre-Treatment	Manual Removal;	3/19/2025	4/23/2025		410.30		
VEG118	Weed Treatment		Manual Removal;	4/16/2025	5/13/2025		410.30	3	
VEG203	Weed Assessment	Pre-Treatment	Manual Removal;	3/14/2025	5/29/2025	Scattered Patches of Plants	106.60		
VEG203	Weed Treatment		Manual Removal;	5/28/2025		Scattered Patches of Plants	106.60	702	
VEG209	Weed Assessment	Pre-Treatment	Manual Removal;	4/16/2025	4/16/2025	Scattered Patches of Plants	4.14		
VEG209	Weed Treatment		Manual Removal;	4/16/2025	4/16/2025	Scattered Patches of Plants	4.14	26	
VEG209	Weed Assessment	Post/Pre-Treatment	Manual Removal;	4/22/2025	6/3/2025	Scattered Plant	4.14		
VEG209	Weed Treatment		Manual Removal;	5/29/2025	6/3/2025	Scattered Plant	4.14	16	
VEG209	Weed Assessment	Post/Pre-Treatment	Manual Removal;	6/16/2025	9/18/2025	Scattered Patches of Plants	4.14		
VEG209	Weed Treatment		Manual Removal;	9/18/2025	9/18/2025	Scattered Patches of Plants	4.14	13	

VEG481	Weed Assessment	Pre-Treatment	Manual Removal;	6/13/2025	6/13/2025	Scattered Patches of Dense Plants	7.88	
VEG481	Weed Treatment		Manual Removal;	6/13/2025	6/13/2025	Scattered Patches of Dense Plants	7.88	533
VEG481	Weed Assessment	Post/Pre-Treatment	Manual Removal;	9/24/2025	9/24/2025	Scattered Patches of Dense Plants	12.91	
VEG481	Weed Treatment		Manual Removal;	9/24/2025	10/2/2025	Scattered Patches of Dense Plants	12.91	264

Myrtle spurge

Site	Activity	Assessment Timing	Treatment Methods	Start Date	Stop Date	Abundance	Acres	Removal Count	Herbicide Acres Applied
VEG118	Weed Assessment	Pre-Treatment	Manual Removal;	3/19/2025	8/27/2025	Scattered Patches of Plants	94.14		
VEG118	Weed Assessment	Pre-Treatment	No Treatment Selected	3/19/2025	5/13/2025	No Abundance	35.09		
VEG118	Weed Assessment	Pre-Treatment	No Treatment Selected	3/19/2025	3/26/2025	No Abundance	0.29		
VEG123	Weed Assessment	Pre-Treatment	Manual Removal;	3/20/2025	4/11/2025	Scattered Plant	3.24		
VEG123	Weed Treatment		Manual Removal;	3/21/2025	4/11/2025	Scattered Plant	3.24	6	
VEG123	Weed Assessment	Post/Pre-Treatment	Manual Removal;	4/15/2025	11/12/2025	Scattered Plant	3.24		
VEG123	Weed Treatment		Manual Removal;	10/17/2025	11/12/2025	Scattered Plant	3.24	109	
VEG126	Weed Assessment	Pre-Treatment	Manual Removal;	3/14/2025	3/20/2025	Scattered Patches of Plants	61.24		
VEG126	Weed Treatment		Manual Removal;	4/3/2025	8/29/2025	Scattered Patches of Plants	61.24	152	
VEG129	Weed Assessment	Pre-Treatment	Manual Removal;	3/19/2025	5/20/2025	Scattered Dense Plants	132.23		

VEG129	Weed Treatment		Manual Removal;	5/15/2025	11/7/2025	Scattered Patches of Dense Plants	132.23	3320
VEG170	Weed Assessment	Pre-Treatment	Manual Removal;	3/19/2025	4/17/2025		52.49	
VEG170	Weed Treatment		Manual Removal;	4/17/2025	4/17/2025		52.49	65
VEG183	Weed Assessment	Pre-Treatment	No Treatment Selected	3/19/2025	7/11/2025	No Abundance	61.56	
VEG193	Weed Assessment	Pre-Treatment	Manual Removal;	4/29/2025	5/7/2025		46.17	
VEG193	Weed Treatment		Manual Removal;	7/15/2025		Scattered Plant	46.17	86
VEG193	Weed Assessment	Pre-Treatment	Manual Removal;	9/25/2025	11/14/2025		54.08	
VEG193	Weed Treatment		Manual Removal;	11/14/2025	12/16/2025	Scattered Patches of Plants	54.08	832
VEG203	Weed Assessment	Pre-Treatment	Manual Removal;	6/6/2025	11/12/2025	Scattered Plant	0.57	
VEG203	Weed Treatment		Manual Removal;	6/6/2025	11/12/2025	Scattered Plant	0.57	2
VEG205	Weed Assessment	Pre-Treatment	Manual Removal;	3/14/2025	8/27/2025	Scattered Plant	2.58	
VEG205	Weed Treatment		Manual Removal;	10/17/2025	11/7/2025	Scattered Plant	2.58	3
VEG207	Weed Assessment	Pre-Treatment	Manual Removal;	3/19/2025	5/2/2025	Single Plant	0.54	

VEG207	Weed Treatment		Manual Removal;	5/1/2025	9/16/2025	Single Plant	0.54	1
VEG210	Weed Assessment	Pre-Treatment	Manual Removal;	3/14/2025	3/25/2025	Scattered Patches of Plants	0.07	
VEG210	Weed Treatment		Manual Removal;	3/25/2025	4/30/2025	Scattered Patches of Plants	0.07	2
VEG213	Weed Assessment	Pre-Treatment	No Treatment Selected	3/19/2025	4/30/2025	No Abundance	1.11	
VEG214	Weed Assessment	Pre-Treatment	Manual Removal;	3/19/2025	4/3/2025	Scattered Plant	1.01	
VEG214	Weed Treatment		Manual Removal;	3/25/2025	11/7/2025	Scattered Plant	1.01	
VEG217	Weed Assessment	Pre-Treatment	Manual Removal;	3/20/2025	3/21/2025	Scattered Patches of Plants	0.17	
VEG217	Weed Treatment		Manual Removal;	3/25/2025	4/1/2025	Scattered Patches of Plants	0.17	50
VEG221	Weed Assessment	Pre-Treatment	Manual Removal;	3/20/2025	4/23/2025		135.40	
VEG221	Weed Treatment		Manual Removal;	4/23/2025	9/16/2025		135.40	1969
VEG228	Weed Assessment	Pre-Treatment	No Treatment Selected	3/20/2025	4/18/2025	No Abundance	2.36	

VEG230	Weed Assessment	Pre-Treatment	No Treatment Selected	3/20/2025	3/20/2025	No Abundance	0.32	
VEG245	Weed Assessment	Pre-Treatment	No Treatment Selected	3/19/2025	4/11/2025	No Abundance	0.65	
VEG245	Weed Assessment	Pre-Treatment	No Treatment Selected	4/9/2025	4/11/2025	No Abundance	0.65	
VEG249	Weed Assessment	Pre-Treatment	Manual Removal;	3/21/2025	4/17/2025	Dense Patches of Plants	0.46	
VEG249	Weed Treatment		Manual Removal;	4/17/2025	4/17/2025	Dense Patches of Plants	0.46	173
VEG249	Weed Assessment	Post/Pre-Treatment	Manual Removal;	4/20/2025	11/20/2025	Scattered Patches of Plants	0.46	
VEG249	Weed Treatment		Manual Removal;	11/20/2025	11/20/2025	Scattered Patches of Plants	0.46	173
VEG250	Weed Assessment	Pre-Treatment	Manual Removal;	3/19/2025	3/27/2025	Scattered Plant	21.28	
VEG250	Weed Treatment		Manual Removal;	3/27/2025	3/28/2025	Scattered Plant	1.53	13
VEG251	Weed Assessment	Pre-Treatment	Manual Removal;	3/20/2025	3/21/2025	Scattered Patches of Dense Plants	2.15	

VEG252	Weed Assessment	Pre-Treatment	No Treatment Selected	3/19/2025	4/11/2025	No Abundance	10.39	
VEG254	Weed Assessment	Pre-Treatment	No Treatment Selected	3/20/2025	7/11/2025	Scattered Patches of Dense Plants	1.10	
VEG47	Weed Assessment	Pre-Treatment	No Treatment Selected	3/20/2025	3/25/2025	No Abundance	1.89	
VEG47	Weed Assessment	Pre-Treatment	No Treatment Selected	3/27/2025	4/1/2025	No Abundance	2.33	
VEG47	Weed Assessment	Pre-Treatment	Manual Removal;	4/16/2025	4/17/2025	Scattered Plant	1.76	
VEG47	Weed Treatment		Manual Removal;	4/17/2025	4/17/2025	Scattered Plant	1.76	174
VEG47	Weed Assessment	Post/Pre-Treatment	Manual Removal;	4/22/2025	9/3/2025	Scattered Plant	1.76	
VEG47	Weed Treatment		Manual Removal;	8/26/2025	9/3/2025	Scattered Plant	1.76	131
VEG471	Weed Assessment	Pre-Treatment	Manual Removal;	5/7/2025	5/21/2025	Scattered Patches of Plants	2.17	
VEG471	Weed Treatment		Manual Removal;	5/7/2025	6/24/2025	Scattered Patches of Plants	2.17	77
VEG510	Weed Assessment	Pre-Treatment	Manual Removal;	9/9/2025	9/18/2025	Scattered Patches of Dense Plants	24.76	

VEG8	Weed Assessment	Pre-Treatment	Manual Removal;	7/15/2025	11/13/2025	Scattered Patches of Plants	45.99	
VEG8	Weed Treatment		Manual Removal;	7/15/2025	11/13/2025	Scattered Patches of Plants	45.99	45

Orange hawkweed

Site	Activity	Assessment Timing	Abundance	Start Date	Stop Date	Acres	Treatment Methods Used	Removal Count	Herbicide Acres Applied
VEG259	Weed Assessment	Pre-Treatment	No Abundance	3/4/2025	9/18/2025	55.10	No Treatment Selected		
VEG260	Weed Assessment	Pre-Treatment	No Abundance	2/5/2025	9/18/2025	31.74	No Treatment Selected		

Purple loosestrife

Site	Activity	Assessment Timing	Treatment Methods	Start Date	Stop Date	Abundance	Acres	Removal Count	Herbicide Acres Applied
VEG95	Weed Assessment	Pre-Treatment	No Treatment Selected	3/14/2025	9/12/2025	No Abundance	0.86		
VEG74	Weed Assessment	Pre-Treatment	No Treatment Selected	3/20/2025	9/12/2025	No Abundance	9.85		
VEG236	Weed Assessment	Pre-Treatment	Herbicide;	3/19/2025	8/19/2025	Scattered Patches of Plants	14.67		
VEG236	Weed Treatment		Herbicide;	8/15/2025	8/19/2025	Scattered Patches of Plants	14.67		0.02
VEG38	Weed Assessment	Pre-Treatment	No Treatment Selected	3/20/2025	9/5/2025	No Abundance	66.42		
VEG147	Weed Assessment	Pre-Treatment	No Treatment Selected	3/14/2025	9/4/2025	No Abundance	263.48		

Rush skeletonweed

Site	Activity	Assessment Timing	Abundance	Start Date	Stop Date	Acres	Treatment Methods Used	Removal Count	Herbicide Acres Applied
VEG118	Weed Assessment	Pre- Treatment	Scattered Patches of Dense Plants	3/19/2025	7/11/2025	1429.68	Manual Removal;		
VEG118	Weed Treatment		Scattered Patches of Dense Plants	6/18/2025	11/7/2025	1429.68	Manual Removal;	17682	
VEG252	Weed Assessment	Pre- Treatment	Scattered Patches of Plants	3/19/2025	7/11/2025	11.66	Manual Removal;		
VEG252	Weed Treatment		Scattered Patches of Plants	7/11/2025	7/11/2025	11.66	Manual Removal;	325	

Yellow flag iris

Site	Activity	Assessment Timing	Treatment Methods	Start Date	Stop Date	Abundance	Acres	Removal Count	Herbicide Acres Applied
VEG147	Weed Assessment	Pre-Treatment	Manual Removal;	7/17/2025	9/4/2025		263.48		
VEG147	Weed Treatment		Manual Removal;	9/5/2025	11/7/2025		26.99	1	
VEG186	Weed Assessment	Pre-Treatment	No Treatment Selected	3/27/2025	7/11/2025	No Abundance	6.04		
VEG205	Weed Assessment	Pre-Treatment	Manual Removal;	10/17/2025	12/16/2025	Scattered Plant	0.38		
VEG341	Weed Assessment	Pre-Treatment	Manual Removal;	9/4/2025	9/4/2025	Scattered Plant	18.84		
VEG47	Weed Assessment	Pre-Treatment	Herbicide;	10/21/2025	10/22/2025	Scattered Plant	0.04		
VEG47	Weed Treatment		Herbicide;	10/22/2025	10/22/2025	Scattered Plant	0.04	5	0.01
VEG81	Weed Assessment	Pre-Treatment	No Treatment Selected	3/14/2025	7/11/2025	No Abundance	47.17		

Appendix C: Herbicide Application Records with Notification Date and Time

Boulder County Parks & Open Space Noxious Weed Pesticide Report

5201 St Vrain Rd, Longmont, CO 80503

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
2161	VEG167	Rangeland	Russian Olive	Russian Olive;	0.00	BCPOS - Natural Land

Task 2161 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22		0.50	2/7/2025	8:00:00 AM	12:00:00 PM	Click or tap here to enter text.
		0.50				

Task 2161 Equipment

Date	Equipment ID	Rate (gal/ac)
2/7/2025	01 Stump Applicator	

Task 2161 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
22691	VEG89	Rangeland	Other Noxious Weeds - see Species Notes	hoary cress kochia cheatgrass curly dock common burdock	0.40	BCPOS - Natural Land

Task 22691 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	1.40	9/4/2025	7:45:00 AM	9:15:00 AM	8/28/2025 15:29
352-1549	2.00	0.40	7/24/2025	11:00:00 AM	1:00:00 PM	8/28/2025 15:29
		1.80				

Task 22691 Equipment

Date	Equipment ID	Rate (gal/ac)
7/23/2025	Backpack Sprayer	40

Task 22691 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Jake Brown	Qualified Supervisor	46398
------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
22713	VEG470	Industrial and Right-of-way	Leafy Spurge		0.00	BOCO - Right of Way

Task 22713 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.06	5/16/2025	9:30:00 AM	10:00:00 AM	5/8/2025 7:08
		0.06				

Task 22713 Equipment

Date	Equipment ID	Rate (gal/ac)
5/16/2025	09 Backpack Sprayer	40.00

Task 22713 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
22770	VEG320	Rangeland	Other Noxious Weeds - see Species Notes	Canada Thistle; Curly Dock; Dalmation Toadflax; Diffuse Knapweed; Mullein; Musk Thistle; Poison Hemlock; Redstem Filaree;	0.39	BCPOS - Trail

Task 22770 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.80	11/10/2025	10:00:00 AM	1:00:00 PM	10/30/2025 14:39
		2.80				

Task 22770 Equipment

Date	Equipment ID	Rate (gal/ac)
11/10/2025	05 Backpack Sprayer	40.00

Task 22770 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Alex Wendorf	Qualified Supervisor	24094
--------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
22796	VEG337	Rangeland	Other Noxious Weeds - see Species Notes		0.60	BCPOS - Trail

Task 22796 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.10	6/23/2025	1:00:00 PM	3:00:00 PM	6/13/2025 7:56
62719-519	7.00	2.10	6/16/2025	9:00:00 AM	11:00:00 AM	6/13/2025 7:56
		4.20				

Task 22796 Equipment

Date	Equipment ID	Rate (gal/ac)
6/23/2025	06 Backpack Sprayer	40.00

Task 22796 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Alex Wendorf	Qualified Supervisor	24094

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
22973	VEG482	Industrial and Right-of-way	Leafy Spurge		0.18	BOCO - Right of Way

Task 22973 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	4.50	5/30/2025	8:10:00 AM	8:45:00 AM	5/7/2025 7:08
		4.50				

Task 22973 Equipment

Date	Equipment ID	Rate (gal/ac)
5/30/2025	01 Backpack Sprayer	40.00

Task 22973 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Shursteen Sharpe	Qualified Supervisor	37844
------------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
22979	VEG247	Industrial and Right-of-way	Leafy Spurge		0.00	BOCO - Right of Way

Task 22979 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.06	5/30/2025	9:00:00 AM	9:15:00 AM	5/9/2025 7:08
		0.06				

Task 22979 Equipment

Date	Equipment ID	Rate (gal/ac)
5/30/2025	01 Backpack Sprayer	40.00

Task 22979 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
23284	VEG421	Industrial and Right-of-way	All Vegetation		4.31	BOCO - Right of Way

Task 23284 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	137.70	6/12/2025	5:00:00 AM	5:30:00 AM	6/5/2025 12:47
		137.70				

Task 23284 Equipment

Date	Equipment ID	Rate (gal/ac)
6/12/2025	Truck 2627	40.00

Task 23284 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
23320	VEG74	Rangeland	Russian Knapweed		0.10	BCPOS - Trail

Task 23320 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.70	7/11/2025	5:00:00 AM	6:00:00 AM	6/13/2025 15:30
		0.70				

Task 23320 Equipment

Date	Equipment ID	Rate (gal/ac)
7/11/2025	05 Backpack Sprayer	40.00

Task 23320 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
23321	VEG74	Rangeland	Leafy Spurge		0.00	BCPOS - Trail

Task 23321 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.06	9/5/2025	5:50:00 AM	6:10:00 AM	8/19/2025 14:34
		0.06				

Task 23321 Equipment

Date	Equipment ID	Rate (gal/ac)
9/5/2025	02 Backpack Sprayer	40.00

Task 23321 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
23602	VEG337	Rangeland	Other Noxious Weeds - see Species Notes		1.00	BCPOS - Trail

Task 23602 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	7.00	6/26/2025	8:00:00 AM	11:30:00 AM	6/12/2025 7:56
432-1561	1.33	1.33	6/26/2025			
		8.33				

Task 23602 Equipment

Date	Equipment ID	Rate (gal/ac)
6/26/2025	06 Backpack Sprayer	40.00

Task 23602 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Nate Chavez	Technician	

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
23854	VEG421	Industrial and Right-of-way	All Vegetation		3.99	BOCO - Right of Way

Task 23854 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	48.00	191.52	7/1/2025	5:00:00 AM	6:00:00 AM	6/24/2025 10:17
201-50218	1.50	5.99	7/1/2025			
62719-586	12.00	47.88	7/1/2025			
		245.39				

Task 23854 Equipment

Date	Equipment ID	Rate (gal/ac)
7/1/2025	Truck 2627	40.00

Task 23854 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
23856	VEG424	Industrial and Right-of-way	All Vegetation		0.70	BOCO - Right of Way

Task 23856 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-586	12.00	8.40	7/1/2025			6/26/2025 10:17
201-50218	1.50	1.05	7/1/2025			
432-1606	48.00	33.60	7/1/2025	6:30:00 AM	7:00:00 AM	
		43.05				

Task 23856 Equipment

Date	Equipment ID	Rate (gal/ac)
7/1/2025	Truck 2627	40.00

Task 23856 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
23858	VEG423	Industrial and Right-of-way	All Vegetation		1.06	BOCO - Right of Way

Task 23858 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
201-50218	1.50	1.59	7/1/2025			6/25/2025 10:17
432-1606	48.00	50.88	7/1/2025	7:30:00 AM	8:15:00 AM	
62719-586	12.00	12.72	7/1/2025			
		65.19				

Task 23858 Equipment

Date	Equipment ID	Rate (gal/ac)
7/1/2025	Truck 2627	40.00

Task 23858 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
-----------	---------------------------	-------------------------------------

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24168	VEG118	Rangeland	Leafy Spurge		0.00	BCPOS - Natural Land

Task 24168 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.06	6/18/2025	5:30:00 AM	7:00:00 AM	5/30/2025 6:19
		0.06				

Task 24168 Equipment

Date	Equipment ID	Rate (gal/ac)
6/18/2025	01 Backpack Sprayer	40.00

Task 24168 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24174	VEG118	Rangeland	Leafy Spurge		0.00	BCPOS - Natural Land

Task 24174 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.06	6/18/2025	5:30:00 AM	7:00:00 AM	5/30/2025 6:19
		0.06				

Task 24174 Equipment

Date	Equipment ID	Rate (gal/ac)
6/18/2025	01 Backpack Sprayer	40.00

Task 24174 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24189	VEG116	Rangeland	Meadow Hawkweed		0.01	BCPOS - Natural Land

Task 24189 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.04	7/22/2025	10:00:00 AM	12:00:00 PM	7/11/2025 16:28
		0.04				

Task 24189 Equipment

Date	Equipment ID	Rate (gal/ac)
7/22/2025	02 Backpack Sprayer	50

Task 24189 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Dave Ratcliffe	Certified Operator	46331

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24201	VEG178	Rangeland	Common Tansy		0.05	BCPOS - Natural Land

Task 24201 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.35	8/21/2025	10:15:00 AM	10:30:00 AM	7/11/2025 15:07
		0.35				

Task 24201 Equipment

Date	Equipment ID	Rate (gal/ac)
8/21/2025	05 Backpack Sprayer	40.00

Task 24201 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24380	VEG494	Industrial and Right-of-way	Spotted Knapweed		0.28	BOCO - Right of Way

Task 24380 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	1.90	7/16/2025	11:00:00 AM	11:15:00 AM	7/24/2025 15:24
		1.90				

Task 24380 Equipment

Date	Equipment ID	Rate (gal/ac)
7/16/2025	Truck 2627	40.00

Task 24380 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24445	VEG118	Rangeland	Other Noxious Weeds - see Species Notes	Diffuse Knapweed	3.40	BCPOS - Natural Land

Task 24445 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	1.58	7/17/2025	9:00:00 AM	10:00:00 AM	7/10/2025 9:42
62719-6	32.00	101.44	7/17/2025	9:00:00 AM	10:00:00 AM	
432-1609	7.00	22.19	7/17/2025			
		125.21				

Task 24445 Equipment

Date	Equipment ID	Rate (gal/ac)
7/17/2025	Truck 2627	40.00

Task 24445 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24448	VEG499	Industrial and Right-of-way	Spotted Knapweed		0.56	BOCO - Right of Way

Task 24448 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	3.92	7/17/2025			7/11/2025 7:11
62719-6	32.00	17.92	7/17/2025	10:30:00 AM	11:00:00 AM	
		21.84				

Task 24448 Equipment

Date	Equipment ID	Rate (gal/ac)
7/17/2025	Truck 2627	40.00

Task 24448 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24451	VEG500		Spotted Knapweed		0.05	BOCO - Right of Way

Task 24451 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.35	7/17/2025	1:00:00 PM	1:30:00 PM	7/11/2025 7:11
		0.35				

Task 24451 Equipment

Date	Equipment ID	Rate (gal/ac)
7/18/2025	10 Backpack Sprayer	40.00

Task 24451 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24606	VEG47	Aquatic	Garden Loosestrife		0.00	BCPOS - Natural Land

Task 24606 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-437-67690	64.00	0.16	7/24/2025	5:30:00 AM	6:00:00 AM	7/11/2025 13:32
81927-22	64.00	0.16	7/24/2025			
		0.32				

Task 24606 Equipment

Date	Equipment ID	Rate (gal/ac)
7/24/2025	07 Backpack Sprayer	50

Task 24606 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24625	VEG47	Rangeland	Yellow Toadflax		0.03	BCPOS - Natural Land

Task 24625 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.04	7/25/2025	6:00:00 AM	6:30:00 AM	7/11/2025 13:31
		0.04				

Task 24625 Equipment

Date	Equipment ID	Rate (gal/ac)
7/25/2025	09 Backpack Sprayer	50

Task 24625 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Shursteen Sharpe	Qualified Supervisor	37844
------------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24929	VEG118	Rangeland	Leafy Spurge		0.01	BCPOS - Natural Land

Task 24929 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.16	7/30/2025	6:30:00 AM	6:50:00 AM	7/24/2025 12:09
		0.16				

Task 24929 Equipment

Date	Equipment ID	Rate (gal/ac)
7/30/2025	01 Backpack Sprayer	40.00

Task 24929 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
24991	VEG234	Aquatic	Hairy-Willow Herb		0.35	BCPOS - Natural Land

Task 24991 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-437-67690	64.00	6.40	9/11/2025	7:00:00 AM	8:00:00 AM	7/31/2025 15:35
241-437-67690	64.00	16.00	8/20/2025	6:10:00 AM	6:40:00 AM	7/31/2025 15:35
81927-22	64.00	16.00	8/20/2025			
81927-22	64.00	6.40	9/11/2025			
		44.80				

Task 24991 Equipment

Date	Equipment ID	Rate (gal/ac)
8/20/2025	UTV Sprayer Rig 1	40.00

Task 24991 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Patrick Murray	Certified Operator	42482
----------------	--------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25160	VEG466	Industrial and Right-of-way	Hairy-Willow Herb		0.38	BOCO - Right of Way

Task 25160 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-437-67690	64.00	24.40	8/7/2025	11:15:00 AM	11:30:00 AM	7/31/2025 15:30
81927-22	64.00	24.40	8/7/2025			
		48.80				

Task 25160 Equipment

Date	Equipment ID	Rate (gal/ac)
8/7/2025	Truck 2627	40.00

Task 25160 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25240	VEG428	Industrial and Right-of-way		Diffuse Knapweed, Curly Dock, Mullien, Musk Thistle	0.91	BOCO - Right of Way

Task 25240 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	6.30	8/8/2025	2:00:00 PM	2:15:00 PM	8/1/2025 15:24
		6.30				

Task 25240 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 25240 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25244	VEG85	Rangeland		Burdock; Canada Thistle; Chicory; Diffuse Knapweed; Mullein; Musk Thistle; St Johnswort;	1.00	BCPOS - Trail

Task 25244 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	15.50	8/8/2025	9:45:00 AM	10:15:00 AM	7/31/2025 15:23
		15.50				

Task 25244 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 25244 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25246	VEG540	Industrial and Right-of-way		Chicory; Dalmation Toadflax; Diffuse Knapweed;	2.61	BOCO - Right of Way

Task 25246 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	17.90	8/8/2025	10:15:00 AM	11:15:00 AM	7/31/2025 15:24
		17.90				

Task 25246 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 25246 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Shursteen Sharpe	Qualified Supervisor	37844
------------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25247	VEG495	Industrial and Right-of-way	Spotted Knapweed	Spotted Knapweed	1.14	BOCO - Right of Way

Task 25247 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	9.50	8/8/2025	11:15:00 AM	11:30:00 AM	7/31/2025 15:24
		9.50				

Task 25247 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 25247 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25249	VEG539	Industrial and Right-of-way		Chicory; Diffuse Knapweed;	1.53	BOCO - Right of Way

Task 25249 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.14	8/8/2025	12:00:00 PM	12:30:00 PM	7/31/2025 15:24
		2.14				

Task 25249 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 25249 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25360	VEG8	Rangeland	Other Noxious Weeds - see Species Notes	st johns	1.00	BCPOS - Natural Land

Task 25360 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	7.00	8/13/2025	8:00:00 AM	12:00:00 PM	8/7/2025 14:45
432-1561	2.00	2.00	8/13/2025			
		9.00				

Task 25360 Equipment

Date	Equipment ID	Rate (gal/ac)
8/13/2025	03 Backpack Sprayer	50.00

Task 25360 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Nate Chavez	Technician	

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25440	VEG330	Rangeland	Other Noxious Weeds - see Species Notes	Canada Thistle; Hoary Alyssum; Mullein; Musk Thistle; Poison Hemlock;	1.00	BCPOS - Trail

Task 25440 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	2.00	1.00	8/20/2025	9:00:00 AM	1:00:00 PM	8/7/2025 14:29
432-1561	2.00	1.00	8/18/2025	9:00:00 AM	12:00:00 PM	8/7/2025 14:29
		2.00				

Task 25440 Equipment

Date	Equipment ID	Rate (gal/ac)
8/18/2025	10 Backpack Sprayer	50.00

Task 25440 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Nate Chavez	Technician	

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25455	VEG332	Rangeland	Other Noxious Weeds - see Species Notes	Canada Thistle; Dalmation Toadflax; Mullein; Musk Thistle;	0.40	BCPOS - Trail

Task 25455 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	2.00	0.80	8/19/2025	9:00:00 AM	3:00:00 PM	8/5/2025 14:29
		0.80				

Task 25455 Equipment

Date	Equipment ID	Rate (gal/ac)
8/19/2025	03 Backpack Sprayer	40.00

Task 25455 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Autumn Tudela	Qualified Supervisor	44838

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25457	VEG331	Rangeland	Other Noxious Weeds - see Species Notes	Canada Thistle; Mullein; Musk Thistle;	0.31	BCPOS - Trail

Task 25457 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.19	9/15/2025	1:00:00 PM	3:00:00 PM	9/10/2025 16:16
		2.19				

Task 25457 Equipment

Date	Equipment ID	Rate (gal/ac)
9/15/2025	08 Backpack Sprayer	40.00

Task 25457 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Claire Stufflebeam	Qualified Supervisor	44837

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25516	VEG236	Aquatic	Hairy-Willow Herb		0.02	BCPOS - Natural Land

Task 25516 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-437-67690	64.00	1.10	8/15/2025	8:15:00 AM	9:30:00 AM	8/6/2025 6:24
81927-22	64.00	1.10	8/15/2025			
		2.20				

Task 25516 Equipment

Date	Equipment ID	Rate (gal/ac)
8/15/2025	UTV Sprayer Rig 1	140.00

Task 25516 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25517	VEG236	Aquatic	Purple Loosestrife		0.02	BCPOS - Natural Land

Task 25517 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22	64.00	1.10	8/19/2025			8/5/2025 6:24
241-437-67690	64.00	1.10	8/19/2025	8:15:00 AM	9:30:00 AM	
		2.20				

Task 25517 Equipment

Date	Equipment ID	Rate (gal/ac)
8/15/2025	UTV Sprayer Rig 1	140.00

Task 25517 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25582	VEG167	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome;	18.00	BCPOS - Natural Land

Task 25582 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	63.00	8/19/2025	2:00:00 PM	6:00:00 PM	
432-1609	7.00	63.00	8/20/2025	8:00:00 AM	1:00:00 PM	
		126.00				

Task 25582 Equipment

Date	Equipment ID	Rate (gal/ac)
8/19/2025	Spray Trailer Unit 12116	30.00

Task 25582 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25593	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Cheatgrass	74.00	BCPOS - Natural Land

Task 25593 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	133.00	8/29/2025	8:00:00 AM	11:59:00 AM	8/19/2025 7:35
432-1609	7.00	77.00	8/25/2025	7:30:00 AM	3:33:00 PM	8/19/2025 7:35
432-1609	7.00	70.00	9/3/2025	8:00:00 AM	10:00:00 AM	8/19/2025 7:35
432-1609	7.00	245.00	9/2/2025	10:00:00 AM	4:00:00 PM	8/19/2025 7:35
241-365	5.00	50.00	9/3/2025			

241-365	5.00	175.00	9/2/2025		
241-365	5.00	95.00	8/29/2025		
		845.00			

Task 25593 Equipment

Date	Equipment ID	Rate (gal/ac)
8/29/2025	Spray Tractor 4263	30.00

Task 25593 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25609	VEG145	Rangeland	Chamomiles		0.00	BCPOS - Natural Land

Task 25609 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.00	8/20/2025			8/6/2025 14:29
62719-519	7.00	0.02	8/20/2025	10:45:00 AM	11:00:00 AM	
		0.02				

Task 25609 Equipment

Date	Equipment ID	Rate (gal/ac)
8/20/2025	06 Backpack Sprayer	40.00

Task 25609 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25610	VEG146	Rangeland	Yellow Toadflax		0.08	BCPOS - Natural Land

Task 25610 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.28	10/9/2025	9:00:00 AM	10:00:00 AM	10/2/2025 16:04
432-1561	1.50	0.06	10/9/2025			

		0.34			
--	--	------	--	--	--

Task 25610 Equipment

Date	Equipment ID	Rate (gal/ac)
10/9/2025	02 Backpack Sprayer	50.00

Task 25610 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25646	VEG85	Industrial and Right-of-way	Knotweeds		0.01	BCPOS - Trail

Task 25646 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.09	8/20/2025	8:00:00 AM	9:00:00 AM	8/13/2025 8:52
		0.09				

Task 25646 Equipment

Date	Equipment ID	Rate (gal/ac)
10/9/2025	02 Backpack Sprayer	50.00

Task 25646 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25658	VEG126	Rangeland	Common Reed		0.03	BCPOS - Natural Land

Task 25658 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22	64.00	1.60	9/11/2025	6:45:00 AM	7:01:00 AM	8/29/2025 11:03
		1.60				

Task 25658 Equipment

Date	Equipment ID	Rate (gal/ac)
------	--------------	---------------

9/11/2025	09 Backpack Sprayer	40.00
-----------	---------------------	-------

Task 25658 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25756	VEG47	Aquatic	Salt Cedar		0.00	BCPOS - Natural Land

Task 25756 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22		1.50	10/15/2025	9:00:00 AM	2:00:00 PM	10/7/2025 5:53
		1.50				

Task 25756 Equipment

Date	Equipment ID	Rate (gal/ac)
10/15/2025	01 Stump Applicator	

Task 25756 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jake Brown	Qualified Supervisor	46398

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25845	VEG341	Rangeland	Leafy Spurge		0.04	BCPOS - Natural Land

Task 25845 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.94	9/4/2025	6:30:00 AM	6:45:00 AM	8/5/2025 6:09
		0.94				

Task 25845 Equipment

Date	Equipment ID	Rate (gal/ac)
9/4/2025	02 Backpack Sprayer	40.00

Task 25845 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
-----------	---------------------------	-------------------------------------

Shursteen Sharpe	Qualified Supervisor	37844
------------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25890	VEG167		Russian Olive			BCPOS - Natural Land

Task 25890 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22		2.25	9/10/2025	9:00:00 AM	12:00:00 PM	
		2.25				

Task 25890 Equipment

Date	Equipment ID	Rate (gal/ac)
9/10/2025	01 Stump Applicator	

Task 25890 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Alex Wendorf	Qualified Supervisor	24094

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25901	VEG145	Rangeland	Other Noxious Weeds - see Species Notes	Diffuse knapweed	0.19	BCPOS - Natural Land

Task 25901 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	1.31	9/15/2025	10:00:00 AM	11:00:00 AM	9/11/2025 16:16
		1.31				

Task 25901 Equipment

Date	Equipment ID	Rate (gal/ac)
9/15/2025	05 Backpack Sprayer	40.00

Task 25901 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Jake Brown	Qualified Supervisor	46398
------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25919	VEG167	Rangeland	Salt Cedar		0.00	BCPOS - Natural Land

Task 25919 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22		0.01	9/10/2025	8:00:00 AM	12:00:00 PM	
		0.01				

Task 25919 Equipment

Date	Equipment ID	Rate (gal/ac)
9/15/2025	05 Backpack Sprayer	40.00

Task 25919 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Alex Wendorf	Qualified Supervisor	24094

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25929	VEG267	Industrial and Right-of-way	All Vegetation		0.34	BCPOS - Trail

Task 25929 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	10.90	10/6/2025	9:00:00 AM	9:30:00 AM	9/29/2025 14:08
		10.90				

Task 25929 Equipment

Date	Equipment ID	Rate (gal/ac)
10/6/2025	Truck 2627	40.00

Task 25929 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25938	VEG78	Industrial and Right-of-way	All Vegetation		0.20	BCPOS - Trail

Task 25938 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	5.00	10/3/2025	6:30:00 AM	7:00:00 AM	9/28/2025 14:08
432-1516	7.00	0.33	10/3/2025			
7969-281	15.00	0.79	10/3/2025			
89442-36	12.00	0.59	10/3/2025			
		6.72				

Task 25938 Equipment

Date	Equipment ID	Rate (gal/ac)
10/3/2025	Truck 2627	40.00

Task 25938 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25958	VEG25	Industrial and Right-of-way	All Vegetation		0.20	BCPOS - Trail

Task 25958 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	6.40	10/2/2025	10:45:00 AM	11:00:00 AM	9/25/2025 14:08
		6.40				

Task 25958 Equipment

Date	Equipment ID	Rate (gal/ac)
10/2/2025	Truck 2627	40.00

Task 25958 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25959	VEG118	Rangeland	Siberian Elm		0.00	BCPOS - Natural Land

Task 25959 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22		0.50	10/18/2025	9:00:00 AM	12:00:00 PM	10/7/2025 5:52
81927-22		1.50	10/3/2025	8:00:00 AM	12:00:00 PM	10/7/2025 5:52
		2.00				

Task 25959 Equipment

Date	Equipment ID	Rate (gal/ac)
10/3/2025	01 Stump Applicator	

Task 25959 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Dave Ratcliffe	Certified Operator	46331

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25960	VEG269	Industrial and Right-of-way	All Vegetation		0.03	BCPOS - Trail

Task 25960 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
7969-281	16.00	0.40	10/21/2025			10/17/2025 8:25
432-1516	7.00	0.18	10/21/2025			
89442-36	12.00	0.30	10/21/2025			
		0.88				

Task 25960 Equipment

Date	Equipment ID	Rate (gal/ac)
10/21/2025	10 Backpack Sprayer	

Task 25960 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25961	VEG47	Industrial and Right-of-way	All Vegetation		0.31	BCPOS - Natural Land

Task 25961 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	10.20	10/21/2025	8:30:00 AM	9:00:00 AM	10/16/2025 8:25
		10.20				

Task 25961 Equipment

Date	Equipment ID	Rate (gal/ac)
10/21/2025	Truck 2627	40.00

Task 25961 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25963	VEG47		All Vegetation		0.74	BCPOS - Natural Land

Task 25963 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	23.70	10/21/2025	7:30:00 AM	8:30:00 AM	10/18/2025 8:25
		23.70				

Task 25963 Equipment

Date	Equipment ID	Rate (gal/ac)
10/21/2025	Truck 2627	40.00

Task 25963 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25964	VEG47	Industrial and Right-of-way	All Vegetation		0.20	BCPOS - Natural Land

Task 25964 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	6.60	10/21/2025	9:15:00 AM	9:30:00 AM	10/15/2025 8:25
		6.60				

Task 25964 Equipment

Date	Equipment ID	Rate (gal/ac)
10/21/2025	Truck 2627	40.00

Task 25964 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
25980	VEG47	Rangeland	Houndstongue		0.01	BCPOS - Natural Land

Task 25980 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.00	10/21/2025			10/19/2025 8:25
62719-519	7.00	0.02	10/21/2025	8:30:00 AM	2:30:00 PM	
		0.02				

Task 25980 Equipment

Date	Equipment ID	Rate (gal/ac)
10/21/2025	Truck 2627	40.00

Task 25980 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26002	VEG115	Rangeland	Yellow Toadflax		0.22	BCPOS - Natural Land

Task 26002 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.53	10/1/2025	9:00:00 AM	11:00:00 AM	8/19/2025 14:35
62719-519	7.00	1.05	9/30/2025	9:00:00 AM	2:00:00 PM	8/19/2025 14:35
432-1561	1.50	0.11	10/1/2025			
432-1561	1.50	0.23	9/30/2025			
		1.91				

Task 26002 Equipment

Date	Equipment ID	Rate (gal/ac)
10/21/2025	Truck 2627	40.00

Task 26002 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Dave Ratcliffe	Certified Operator	46331

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26038	VEG6	Industrial and Right-of-way	All Vegetation		0.26	BCPOS - Trail

Task 26038 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	5.80	10/2/2025	6:30:00 AM	7:00:00 AM	9/27/2025 14:08
89442-36	12.00	0.90	10/2/2025			
7969-281	16.00	1.20	10/2/2025			
432-1516	7.00	0.50	10/2/2025			
		8.40				

Task 26038 Equipment

Date	Equipment ID	Rate (gal/ac)
10/2/2025	Truck 2627	40.00

Task 26038 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26043	VEG193	Industrial and Right-of-way	All Vegetation		4.18	BCPOS - Natural Land

Task 26043 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.38	11/13/2025			11/6/2025 7:07
432-1606	32.00	20.65	11/13/2025	9:00:00 AM	10:00:00 AM	
241-365	5.00	6.98	11/13/2025			
432-1561	1.50	0.07	11/13/2025			
432-1609	7.00	9.77	11/13/2025			
		37.83				

Task 26043 Equipment

Date	Equipment ID	Rate (gal/ac)
11/13/2025	06 Backpack Sprayer	40.00

Task 26043 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26044	VEG193	Industrial and Right-of-way	All Vegetation		4.18	BCPOS - Natural Land

Task 26044 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.07	11/13/2025			11/6/2025 7:07
432-1609	7.00	9.77	11/13/2025			
241-365	5.00	6.98	11/13/2025			
432-1606	32.00	20.65	11/13/2025	10:00:00 AM	11:30:00 AM	
62719-519	7.00	0.38	11/13/2025			
		37.83				

Task 26044 Equipment

Date	Equipment ID	Rate (gal/ac)
11/13/2025	05 Backpack Sprayer	40.00

Task 26044 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26045	VEG118	Industrial and Right-of-way	All Vegetation		0.00	BCPOS - Natural Land

Task 26045 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
89442-36	11.00	1.28	10/8/2025	12:30 PM	2:00 PM	10/3/2025 14:40
7969-281	16.00	1.71	10/8/2025			
432-1516	7.00	0.75	10/8/2025			
		3.74				

Task 26045 Equipment

Date	Equipment ID	Rate (gal/ac)
10/8/2025	UTV Sprayer Rig 1	140

Task 26045 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Autumn Tudela	Qualified Supervisor	44838

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26114	VEG18	Industrial and Right-of-way	All Vegetation		0.03	BCPOS - Natural Land

Task 26114 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	0.80	10/23/2025	1:00:00 PM	1:30:00 PM	10/20/2025 8:25
		0.80				

Task 26114 Equipment

Date	Equipment ID	Rate (gal/ac)
10/23/2025	10 Backpack Sprayer	40.00

Task 26114 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26115	VEG145	Industrial and Right-of-way	All Vegetation		0.10	BCPOS - Natural Land

Task 26115 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	3.20	10/23/2025			10/21/2025 8:25
		3.20				

Task 26115 Equipment

Date	Equipment ID	Rate (gal/ac)
10/23/2025	10 Backpack Sprayer	40.00

Task 26115 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26116	VEG145	Industrial and Right-of-way	All Vegetation		0.10	BCPOS - Natural Land

Task 26116 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	2.40	10/23/2025	10:30:00 AM	11:15:00 AM	10/14/2025 8:25
432-1516	7.00	0.18	10/23/2025			
7969-281	16.00	0.40	10/23/2025			
89442-36	12.00	0.30	10/23/2025			
		3.28				

Task 26116 Equipment

Date	Equipment ID	Rate (gal/ac)
10/23/2025	10 Backpack Sprayer	40.00

Task 26116 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26118	VEG118	Industrial and Right-of-way	All Vegetation		1.42	BCPOS - Natural Land

Task 26118 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
89442-36	12.00	0.75	10/8/2025			10/1/2025 14:40
7969-281	16.00	1.00	10/8/2025			
432-1516	7.00	0.41	10/8/2025			
432-1606	32.00	43.80	10/8/2025	7:30:00 AM	9:30:00 AM	
		45.96				

Task 26118 Equipment

Date	Equipment ID	Rate (gal/ac)
10/8/2025	Truck 2627	40.00

Task 26118 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jake Brown	Qualified Supervisor	46398

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26119	VEG118	Industrial and Right-of-way	All Vegetation		0.62	BCPOS - Natural Land

Task 26119 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
7969-281	16.00	9.97	10/8/2025	9:30:00 AM	12:30:00 AM	10/2/2025 14:40
432-1516	7.00	4.33	10/8/2025			

89442-36	11.00	7.47	10/8/2025			
		21.77				

Task 26119 Equipment

Date	Equipment ID	Rate (gal/ac)
10/8/2025	10 Backpack Sprayer	40.00

Task 26119 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26121	VEG24	Industrial and Right-of-way	All Vegetation		0.05	BCPOS - Natural Land

Task 26121 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1516	7.00	0.35	10/23/2025	9:00:00 AM	10:00:00 AM	10/14/2025 8:25
		0.35				

Task 26121 Equipment

Date	Equipment ID	Rate (gal/ac)
10/23/2025	10 Backpack Sprayer	40.00

Task 26121 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26122	VEG24	Industrial and Right-of-way	All Vegetation		0.18	BCPOS - Natural Land

Task 26122 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	5.90	10/23/2025			10/14/2025 8:25
		5.90				

Task 26122 Equipment

Date	Equipment ID	Rate (gal/ac)
10/23/2025	10 Backpack Sprayer	40.00

Task 26122 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26148	VEG89	Industrial and Right-of-way	All Vegetation		0.63	BCPOS - Natural Land

Task 26148 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1606	32.00	20.00	10/3/2025	8:00:00 AM	9:00:00 AM	9/26/2025 14:08
		20.00				

Task 26148 Equipment

Date	Equipment ID	Rate (gal/ac)
10/3/2025	10 Backpack Sprayer	40.00

Task 26148 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26239	VEG47	Rangeland		Diffuse Knapweed	0.05	BCPOS - Natural Land

Task 26239 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.35	9/25/2025	10:00:00 AM	10:30:00 AM	9/18/2025 7:16
		0.35				

Task 26239 Equipment

Date	Equipment ID	Rate (gal/ac)
9/25/2025	Backpack Sprayer	40

Task 26239 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jake Brown	Qualified Supervisor	46398

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26242	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Cheatgrass	9.00	BCPOS - Natural Land

Task 26242 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	63.00	8/28/2025	9:00:00 AM	10:00:00 AM	8/27/2025 7:35
241-365	5.00	45.00	8/28/2025			
		108.00				

Task 26242 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 26242 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26244	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Cheatgrass	3.00	BCPOS - Natural Land

Task 26244 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	21.00	8/28/2025	2:00:00 PM	3:00:00 PM	8/26/2025 7:35
241-365	5.00	15.00	8/28/2025			
		36.00				

Task 26244 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 26244 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26246	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome;	99.00	BCPOS - Natural Land

Task 26246 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	150.00	9/22/2025			8/22/2025 7:35
432-1609	7.00	210.00	9/22/2025	8:00:00 AM	2:30:00 PM	
241-365	5.00	150.00	9/19/2025			8/22/2025 7:35
432-1609	7.00	140.00	9/25/2025	8:00:00 AM	1:00:00 PM	8/22/2025 7:35
432-1609	7.00	140.00	9/24/2025	8:00:00 AM	1:00:00 PM	8/22/2025 7:35
432-1609	7.00	210.00	9/19/2025	8:00:00 AM	2:30:00 PM	8/22/2025 7:35
66222-141-81927	4.00	100.00	9/25/2025			
66222-141-81927	6.00	100.00	9/24/2025			
		1200.00				

Task 26246 Equipment

Date	Equipment ID	Rate (gal/ac)
9/24/2025	Spray Tractor 4263	30.00

Task 26246 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26247	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Cheatgrass	7.50	BCPOS - Natural Land

Task 26247 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	52.50	9/3/2025	10:00:00 AM	11:59:00 AM	8/23/2025 7:35
241-365	5.00	37.50	9/3/2025			
		90.00				

Task 26247 Equipment

Date	Equipment ID	Rate (gal/ac)
9/3/2025	Spray Tractor 4263	30.00

Task 26247 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26249	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Cheatgrass	2.50	BCPOS - Natural Land

Task 26249 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	12.50	9/3/2025			8/25/2025 7:35
432-1609	7.00	17.50	9/3/2025	8:00:00 AM	10:00:00 AM	
		30.00				

Task 26249 Equipment

Date	Equipment ID	Rate (gal/ac)
9/3/2025	Spray Tractor 4263	30.00

Task 26249 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26251	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome;	17.00	BCPOS - Natural Land

Task 26251 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	49.00	9/26/2025	8:00:00 AM	10:00:00 AM	8/24/2025 7:35
432-1609	7.00	70.00	9/25/2025	11:00:00 AM	1:00:00 PM	8/24/2025 7:35
66222-141-81927	5.00	50.00	9/25/2025			
66222-141-81927	7.00	35.00	9/26/2025			
		204.00				

Task 26251 Equipment

Date	Equipment ID	Rate (gal/ac)
9/25/2025	Spray Tractor 4263	30.00

Task 26251 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26299	VEG409	Rangeland	Yellow Toadflax		0.01	BCPOS - Natural Land

Task 26299 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.01	9/30/2025	8:15:00 AM	9:00:00 AM	9/12/2025 11:50

		0.01			
--	--	------	--	--	--

Task 26299 Equipment

Date	Equipment ID	Rate (gal/ac)
9/30/2025	05 Backpack Sprayer	40.00

Task 26299 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26325	VEG8	Rangeland	Other Noxious Weeds - see Species Notes	st johnswort	1.20	BCPOS - Natural Land

Task 26325 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	8.23	10/1/2025	8:15:00 AM	11:45:00 AM	9/10/2025 16:17
		8.23				

Task 26325 Equipment

Date	Equipment ID	Rate (gal/ac)
10/1/2025	06 Backpack Sprayer	40.00

Task 26325 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jake Brown	Qualified Supervisor	46398

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26341	VEG47	Rangeland	Other Noxious Weeds - see Species Notes	teasle, canada, musk, mullein, curly doc, houndstongue	0.24	BCPOS - Natural Land

Task 26341 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	1.66	10/2/2025	9:00:00 AM	10:00:00 AM	9/18/2025 7:16

		1.66			
--	--	------	--	--	--

Task 26341 Equipment

Date	Equipment ID	Rate (gal/ac)
10/2/2025	06 Backpack Sprayer	40.00

Task 26341 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Claire Stufflebeam	Qualified Supervisor	44837

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26412	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	cheatgrass, alyssum	10.00	BCPOS - Natural Land

Task 26412 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
66222-141-81927	5.00	50.00	9/26/2025			8/21/2025 7:35
432-1609	7.00	70.00	9/26/2025	8:00:00 AM	1:00:00 PM	
		120.00				

Task 26412 Equipment

Date	Equipment ID	Rate (gal/ac)
10/2/2025	Spray Tractor 4263	30.00

Task 26412 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26415	VEG200	Rangeland	Other Noxious Weeds - see Species Notes	cheatgrass, alyssum	0.33	BCPOS - Natural Land

Task 26415 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	2.33	9/26/2025	8:00:00 AM	9:00:00 AM	8/19/2025 7:37
66222-141-81927	5.00	1.67	9/26/2025			
		4.00				

Task 26415 Equipment

Date	Equipment ID	Rate (gal/ac)
9/26/2025	Spray Tractor 4263	30.00

Task 26415 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26417	VEG115	Rangeland	Leafy Spurge		0.08	BCPOS - Natural Land

Task 26417 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.06	10/1/2025	9:00:00 AM	9:30:00 AM	8/19/2025 14:35
42750-169	25.00	1.80	9/30/2025	9:00:00 AM	1:00:00 PM	8/19/2025 14:35
		1.86				

Task 26417 Equipment

Date	Equipment ID	Rate (gal/ac)
9/30/2025	02 Backpack Sprayer	40.00

Task 26417 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Autumn Tudela	Qualified Supervisor	44838

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26421	VEG193	Rangeland	Other Noxious Weeds - see Species Notes	cheatgrass	0.33	BCPOS - Natural Land

Task 26421 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
66222-141-81927	5.00	1.67	9/26/2025			8/21/2025 7:37
432-1609	7.00	2.67	9/26/2025	8:00:00 AM	9:00:00 AM	
		4.33				

Task 26421 Equipment

Date	Equipment ID	Rate (gal/ac)
9/26/2025	Spray Tractor 4263	30.00

Task 26421 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26422	VEG38	Rangeland	Other Noxious Weeds - see Species Notes	canada, musk, teasle, houndstongue, chickory, mullein	0.26	BCPOS - Natural Land

Task 26422 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	1.83	10/2/2025	10:00:00 AM	11:00:00 AM	9/25/2025 16:25
		1.83				

Task 26422 Equipment

Date	Equipment ID	Rate (gal/ac)
10/2/2025	05 Backpack Sprayer	40.00

Task 26422 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Nate Chavez	Technician	
-------------	------------	--

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26430	VEG118	Rangeland	Other Noxious Weeds - see Species Notes	St Johnswort;	77.00	BCPOS - Natural Land

Task 26430 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	140.00	9/30/2025			9/25/2025 16:13
62719-519	7.00	70.00	9/29/2025			9/25/2025 16:13
62719-519	7.00	70.00	10/4/2025			9/25/2025 16:13
62719-519	7.00	112.00	10/1/2025			9/25/2025 16:13
66222-141-81927	5.00	50.00	10/4/2025			
66222-141-81927	5.00	115.00	10/3/2025			9/25/2025 16:13
62719-519	5.00	161.00	10/3/2025			
432-1609	7.00	140.00	9/30/2025	8:00:00 AM	2:00:00 PM	
432-1609	7.00	112.00	10/1/2025	8:00:00 AM	2:30:00 PM	
432-1609	7.00	161.00	10/3/2025	8:00:00 AM	3:30:00 PM	
432-1609	7.00	70.00	9/29/2025	8:00:00 AM	11:00:00 AM	
432-1609	7.00	70.00	10/4/2025	8:00:00 AM	10:00:00 AM	
241-365	5.00	80.00	10/1/2025			
241-365		50.00	9/29/2025			
241-365	5.00	100.00	9/30/2025			
		1501.00				

Task 26430 Equipment

Date	Equipment ID	Rate (gal/ac)
9/30/2025	Spray Tractor 4263	30.00

Task 26430 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26539	VEG118	Rangeland	Other Noxious Weeds - see Species Notes	Canada Thistle; Chicory; Dalmation Toadflax; Diffuse Knapweed; Downy Brome; Mullein; St Johnswort;	7.98	BCPOS - Natural Land

Task 26539 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.49	10/8/2025	10:00:00 AM	2:45:00 PM	10/1/2025 14:40
432-1516	7.00	54.53	10/8/2025	1:00:00 PM	2:30:00 PM	10/1/2025 14:40
62719-519	7.00	0.28	10/8/2025	9:00:00 AM	12:00:00 PM	10/1/2025 14:40
432-1609	7.00	0.28	10/8/2025			
432-1609	7.00	0.49	10/8/2025			
432-1561	1.50	0.10	10/8/2025			
432-1561	1.50	0.06	10/8/2025			
241-365	5.00	38.95	10/8/2025			
		95.18				

Task 26539 Equipment

Date	Equipment ID	Rate (gal/ac)
10/8/2025	07 Backpack Sprayer	50.00

Task 26539 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26592	VEG118	Rangeland	Yellow Toadflax		0.12	BCPOS - Natural Land

Task 26592 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.06	10/8/2025			10/1/2025 14:40
432-1609	7.00	0.28	10/8/2025			
62719-519	7.00	0.28	10/8/2025	9:00:00 AM	12:00:00 PM	
		0.62				

Task 26592 Equipment

Date	Equipment ID	Rate (gal/ac)
10/8/2025	07 Backpack Sprayer	50.00

Task 26592 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jake Brown	Qualified Supervisor	46398

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26594	VEG118	Rangeland	Musk Thistle		0.12	BCPOS - Natural Land

Task 26594 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.28	10/8/2025	9:00:00 AM	12:00:00 PM	10/1/2025 14:40
432-1609	7.00	0.28	10/8/2025			
432-1561	1.50	0.06	10/8/2025			
		0.62				

Task 26594 Equipment

Date	Equipment ID	Rate (gal/ac)
10/8/2025	07 Backpack Sprayer	50.00

Task 26594 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jake Brown	Qualified Supervisor	46398

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26678	VEG47	Aquatic	Hairy-Willow Herb		0.04	BCPOS - Natural Land

Task 26678 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-437-67690	64.00	2.40	10/21/2025	10:00:00 AM	10:15:00 AM	10/16/2025 10:29
81927-22	64.00	2.40	10/21/2025			
		4.80				

Task 26678 Equipment

Date	Equipment ID	Rate (gal/ac)
10/21/2025	09 Backpack Sprayer	40.00

Task 26678 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26700	VEG167	Rangeland	Other Noxious Weeds - see Species Notes	curly dock, canada thistle, kochia, perennial pepperweed, must thistle, bindweed, cheatgrass, teasel	2.20	BCPOS - Natural Land

Task 26700 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.33	1.33	10/28/2025	8:00:00 AM	10:00:00 AM	
432-1561	1.33	0.13	10/23/2025			
432-1561	1.33	1.46	10/29/2025	8:00:00 AM	10:00:00 AM	
62719-519	7.00	7.70	10/29/2025			
62719-519	7.00	7.00	10/28/2025			
62719-519	7.00	0.70	10/23/2025	8:00:00 AM	9:00:00 AM	
		18.33				

Task 26700 Equipment

Date	Equipment ID	Rate (gal/ac)
10/28/2025	Truck Sprayer Rig - 3	50.00

Task 26700 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Anthony Beck	Qualified Supervisor	44846

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26781	VEG118	Rangland	Other Noxious Weeds - see Species Notes	Canada Thistle; Curly Dock; Dalmation Toadflax; Diffuse Knapweed; Downy Brome; Mullein; Musk Thistle; Poison Hemlock; St Johnswort; Teasel;	3.39	BCPOS - Natural Land

Task 26781 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.73	10/8/2025			10/1/2025 14:40
432-1561	2.00	0.78	10/8/2025			
432-1609	7.00	2.73	10/8/2025			
432-1609	7.00	21.00	10/8/2025	8:30:00 AM	2:30:00 PM	
		27.24				

Task 26781 Equipment

Date	Equipment ID	Rate (gal/ac)
10/8/2025	05 Backpack Sprayer	50.00

Task 26781 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Claire Stufflebeam	Qualified Supervisor	44837

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26782	VEG47	Aquatic	Garden Loosestrife		0.01	BCPOS - Natural Land

Task 26782 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-437-67690	64.00	0.40	10/22/2025	7:50:00 AM	8:15:00 AM	10/16/2025 10:29
81927-22	64.00	0.40	10/22/2025			
		0.80				

Task 26782 Equipment

Date	Equipment ID	Rate (gal/ac)
10/22/2025	09 Backpack Sprayer	40.00

Task 26782 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26785	VEG47	Aquatic	Yellow Flag Iris		0.01	BCPOS - Natural Land

Task 26785 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22	64.00	0.40	10/22/2025			10/17/2025 10:29
241-437-67690	64.00	0.40	10/22/2025	7:50:00 AM	8:15:00 AM	
		0.80				

Task 26785 Equipment

Date	Equipment ID	Rate (gal/ac)
10/22/2025	09 Backpack Sprayer	40.00

Task 26785 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26826	VEG47	Rangeland	Perennial Pepperweed		0.01	BCPOS - Natural Land

Task 26826 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.00	10/21/2025			10/16/2025 10:32
62719-519	7.00	0.02	10/21/2025	8:30:00 AM	2:30:00 PM	
		0.02				

Task 26826 Equipment

Date	Equipment ID	Rate (gal/ac)
10/22/2025	09 Backpack Sprayer	40.00

Task 26826 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
-----------	---------------------------	-------------------------------------

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26829	VEG47	Rangeland	Bouncing Bet		0.01	BCPOS - Natural Land

Task 26829 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.02	10/21/2025	8:30:00 AM	2:30:00 PM	10/16/2025 10:32
432-1561	1.50	0.00	10/21/2025			
		0.02				

Task 26829 Equipment

Date	Equipment ID	Rate (gal/ac)
10/22/2025	09 Backpack Sprayer	40.00

Task 26829 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26831	VEG47	Rangeland	Yellow Toadflax		0.01	BCPOS - Natural Land

Task 26831 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1561	1.50	0.00	10/21/2025			10/16/2025 10:32
62719-519	7.00	0.02	10/21/2025	8:30:00 AM	2:30:00 PM	
		0.02				

Task 26831 Equipment

Date	Equipment ID	Rate (gal/ac)
10/22/2025	09 Backpack Sprayer	40.00

Task 26831 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Nate Chavez	Technician	
-------------	------------	--

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
26833	VEG47	Rangeland	Spotted Knapweed		0.01	BCPOS - Natural Land

Task 26833 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.02	10/21/2025	8:30:00 AM	2:30:00 PM	10/16/2025 10:32
432-1561	1.50	0.00	10/21/2025			
		0.02				

Task 26833 Equipment

Date	Equipment ID	Rate (gal/ac)
10/22/2025	09 Backpack Sprayer	40.00

Task 26833 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Claire Stufflebeam	Qualified Supervisor	44837

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
27557	VEG8	Rangeland	Other Noxious Weeds - see Species Notes	St Johnswort;	0.70	BCPOS - Natural Land

Task 27557 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	4.90	10/2/2025	8:45:00 AM	1:00:00 PM	9/10/2025 16:17
		4.90				

Task 27557 Equipment

Date	Equipment ID	Rate (gal/ac)
10/2/2025	03 Backpack Sprayer	40.00

Task 27557 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Nate Chavez	Technician	
-------------	------------	--

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
27620	VEG118	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome	16.00	BCPOS - Natural Land

Task 27620 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	112.00	10/4/2025			9/26/2025 16:13
66222-141-81927	5.00	80.00	10/4/2025			
432-1609	7.00	112.00	10/4/2025	9:00:00 AM	11:59:00 AM	
		304.00				

Task 27620 Equipment

Date	Equipment ID	Rate (gal/ac)
10/4/2025	Spray Tractor 4263	30.00

Task 27620 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
27692	VEG193	Rangeland	Other Noxious Weeds - see Species Notes	Diffuse knapweed, mullein	0.40	BCPOS - Natural Land

Task 27692 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.80	11/3/2025			10/28/2025 7:06
432-1561	1.25	0.50	11/3/2025	11:00:00 AM	11:59:00 AM	
		3.30				

Task 27692 Equipment

Date	Equipment ID	Rate (gal/ac)
------	--------------	---------------

11/3/2025	Truck Sprayer Rig - 3	50.00
Task 27692 Labor Information		
Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
27742	VEG193	Rangeland	Other Noxious Weeds - see Species Notes	sulfur cinquefoil, diffuse knapweed, canada thistle, mullein	1.10	BCPOS - Natural Land

Task 27742 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	7.70	11/3/2025			10/29/2025 6:52
432-1561	1.25	1.38	11/3/2025	9:00:00 AM	10:00:00 AM	
		9.08				

Task 27742 Equipment

Date	Equipment ID	Rate (gal/ac)
11/3/2025	Truck Sprayer Rig - 3	50.00

Task 27742 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Anthony Beck	Qualified Supervisor	44846

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
27746	VEG193	Rangeland	Other Noxious Weeds - see Species Notes	cheatgrass	15.00	BCPOS - Natural Land

Task 27746 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	105.00	10/28/2025	8:00:00 AM	1:00:00 PM	8/20/2025 7:37
66222-141-81927	5.00	75.00	10/28/2025			
		180.00				

Task 27746 Equipment

Date	Equipment ID	Rate (gal/ac)
10/28/2025	Spray Tractor 4263	50.00

Task 27746 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
27929	VEG181	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome	1.00	BCPOS - Natural Land

Task 27929 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
66222-141-81927	4.00	4.00	11/17/2025			10/2/2025 6:55
432-1609	7.00	7.00	11/17/2025	8:00:00 AM	10:00:00 AM	
		11.00				

Task 27929 Equipment

Date	Equipment ID	Rate (gal/ac)
11/17/2025	Spray Tractor 4263	30.00

Task 27929 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28636	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax; Downy Brome;	0.17	BCPOS - Natural Land

Task 28636 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	8:00:00 AM	9:00:00 AM	8/19/2025 7:35
		1.19				

Task 28636 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 28636 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28646	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;Musk Thistle;	0.17	BCPOS - Natural Land

Task 28646 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025	4:00:00 PM	5:00:00 PM	8/19/2025 7:35
		0.85				

Task 28646 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 28646 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28649	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;Musk Thistle;Wild Lettuce	0.17	BCPOS - Natural Land

Task 28649 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	2:00:00 PM	3:00:00 PM	8/19/2025 7:35
		1.19				

Task 28649 Equipment

Date	Equipment ID	Rate (gal/ac)
11/10/2025	Spray Tractor 4263	30

Task 28649 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Anthony Beck	Qualified Supervisor	44846

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28650	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;Musk Thistle;	0.17	BCPOS - Natural Land

Task 28650 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025	11:00:00 AM	11:59:00 AM	8/19/2025 7:35
		0.85				

Task 28650 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 28650 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28651	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax; Downy Brome;	0.17	BCPOS - Natural Land

Task 28651 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	9:00:00 AM	10:00:00 AM	8/19/2025 7:35
		1.19				

Task 28651 Equipment

Date	Equipment ID	Rate (gal/ac)
11/10/2025	Spray Tractor 4263	30

Task 28651 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28653	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax; Downy Brome; Musk Thistle;	0.17	BCPOS - Natural Land

Task 28653 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025			8/19/2025 7:35
432-1609	7.00	1.19	8/28/2025	8:00:00 AM	9:00:00 AM	
		2.04				

Task 28653 Equipment

Date	Equipment ID	Rate (gal/ac)
------	--------------	---------------

8/28/2025	Spray Tractor 4263	30.00
-----------	--------------------	-------

Task 28653 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28656	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;Musk Thistle;	0.17	BCPOS - Natural Land

Task 28656 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	3:00:00 PM	4:00:00 PM	8/19/2025 7:35
		1.19				

Task 28656 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 28656 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28658	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;St Johnswort;	0.17	BCPOS - Natural Land

Task 28658 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025	1:00:00 PM	2:00:00 PM	8/19/2025 7:35
		0.85				

Task 28658 Equipment

Date	Equipment ID	Rate (gal/ac)
------	--------------	---------------

8/28/2025	Spray Tractor 4263	30.00
-----------	--------------------	-------

Task 28658 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28659	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;Musk Thistle;	0.17	BCPOS - Natural Land

Task 28659 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025			8/19/2025 7:35
432-1609	7.00	1.19	8/28/2025	12:00:00 AM	12:55:00 AM	
		2.04				

Task 28659 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 28659 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28661	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;	0.17	BCPOS - Natural Land

Task 28661 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	11:00:00 AM	12:00:00 AM	8/19/2025 7:35
		1.19				

Task 28661 Equipment

--

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 28661 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Anthony Beck	Qualified Supervisor	44846

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28664	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax;Downy Brome;Musk Thistle;Wild Lettuce	0.17	BCPOS - Natural Land

Task 28664 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025	9:00:00 AM	10:00:00 AM	8/19/2025 7:35
		0.85				

Task 28664 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 28664 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
28668	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	BindweedDalmation Toadflax;Downy Brome;	0.17	BCPOS - Natural Land

Task 28668 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	8:00:00 AM	9:00:00 AM	8/19/2025 7:35
		1.19				

Task 28668 Equipment

--

Date	Equipment ID	Rate (gal/ac)
11/10/2025	Spray Tractor	30

Task 28668 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Anthony Beck	Qualified Supervisor	44846

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29114	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax; Downy Brome; Musk Thistle; St Johnswort;	0.17	BCPOS - Natural Land

Task 29114 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025	2:00:00 PM	3:00:00 PM	8/19/2025 7:35
		0.85				

Task 29114 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 29114 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29116	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax; Downy Brome; Mullein;	0.17	BCPOS - Natural Land

Task 29116 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	1:00:00 PM	2:00:00 PM	8/19/2025 7:35

Task 29116 Equipment		1.19				
----------------------	--	------	--	--	--	--

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 29116 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29117	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Dalmation Toadflax; Downy Brome; St Johnswort;	0.17	BCPOS - Natural Land

Task 29117 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-365	5.00	0.85	8/28/2025			8/19/2025 7:35
432-1609	7.00	1.19	8/28/2025	11:00:00 AM	11:59:00 AM	
		2.04				

Task 29117 Equipment

Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 29117 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29118	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome;Mullein;Musk Thistle;	0.17	BCPOS - Natural Land

Task 29118 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1609	7.00	1.19	8/28/2025	9:00:00 AM	10:00:00 AM	8/19/2025 7:35
		1.19				

Task 29118 Equipment		
Date	Equipment ID	Rate (gal/ac)
11/6/2025	Spray Tractor 4263	30

Task 29118 Labor Information		
Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29119	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome; Musk Thistle; St Johnswort;	0.17	BCPOS - Natural Land

Task 29119 Materials Used							
EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time	
241-365	5.00	0.85	8/28/2025	8:00:00 AM	9:00:00 AM	8/19/2025 7:35	
		0.85					

Task 29119 Equipment		
Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 29119 Labor Information		
Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29120	VEG194	Rangeland	Other Noxious Weeds - see Species Notes	Downy Brome;St Johnswort;	0.17	BCPOS - Natural Land

Task 29120 Materials Used							
EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time	
432-1609	7.00	1.19	8/28/2025	9:00:00 AM	9:39:00 AM	8/19/2025 7:35	
		1.19					

Task 29120 Equipment		
Date	Equipment ID	Rate (gal/ac)
8/28/2025	Spray Tractor 4263	30.00

Task 29120 Labor Information		
Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29756	VEG47	Rangeland	Tree of Heaven		0.00	BCPOS - Natural Land

Task 29756 Materials Used						
EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22		0.01	10/15/2025	8:00:00 AM	12:00:00 PM	10/7/2025 5:53
		0.01				

Task 29756 Equipment		
Date	Equipment ID	Rate (gal/ac)
10/15/2025	01 Stump Applicator	

Task 29756 Labor Information		
Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Autumn Tudela	Qualified Supervisor	44838

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29917	VEG118	Rangeland		Diffuse Knapweed;Downy Brome;Musk Thistle;	5.00	BCPOS - Natural Land

Task 29917 Materials Used						
EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	35.00	10/8/2025	9:00:00 AM	10:50:00 AM	9/24/2025 16:13
66222-141-81927	4.00	20.00	10/8/2025			
432-1609	7.00	35.00	10/8/2025			
		90.00				

Task 29917 Equipment		
Date	Equipment ID	Rate (gal/ac)
10/8/2025	Spray Tractor 4263	50.00

Task 29917 Labor Information		
Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
29949	VEG193	Rangeland		BindweedCanada Thistle;Curly Dock;Dalmation Toadflax;Downy Brome;Kochia;Mullein;Musk Thistle;	43.50	BCPOS - Natural Land

Task 29949 Materials Used						
EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	28.00	11/19/2025	8:00:00 AM	4:00:00 PM	10/28/2025 7:16
62719-519	7.00	14.00	11/11/2025	8:00:00 AM	10:10:00 AM	10/28/2025 7:16
62719-519	7.00	15.00	11/20/2025	8:00:00 AM	1:00:00 PM	10/28/2025 7:16
62719-519	7.00	21.00	11/13/2025	8:00:00 AM	2:30:00 PM	10/28/2025 7:16
42750-169	8.00	24.00	11/13/2025			
42750-169	8.00	20.00	11/20/2025			

42750-169	8.00	32.00	11/19/2025			
42750-169	8.00	32.00	11/24/2025			
42750-169	8.00	32.00	11/18/2025			
42750-169	8.00	16.00	11/12/2025			
42750-169	8.00	32.00	11/25/2025			
42750-169	8.00	16.00	12/16/2025			
42750-169	8.00	32.00	12/15/2025			
42750-169	8.00	32.00	11/23/2025			
42750-169	8.00	32.00	11/17/2025			
42750-169	8.00	32.00	11/28/2025			
62719-519	7.00	14.00	12/16/2025	8:00:00 AM	1:00:00 PM	10/28/2025 7:16
62719-519	7.00	28.00	11/23/2025	8:00:00 AM	1:00:00 PM	10/28/2025 7:16
62719-519	7.00	28.00	11/17/2025	8:00:00 AM	2:30:00 PM	10/28/2025 7:16
62719-519	7.00	28.00	11/28/2025	8:00:00 AM	2:00:00 PM	10/28/2025 7:16
62719-519	7.00	28.00	11/18/2025	9:00:00 AM	5:30:00 PM	10/28/2025 7:16
62719-519	7.00	28.00	11/24/2025	8:00:00 AM	3:00:00 PM	10/28/2025 7:16
62719-519	7.00	14.00	11/12/2025	8:00:00 AM	12:30:00 PM	10/28/2025 7:16
62719-519	7.00	28.00	12/15/2025	8:08:00 AM	3:00:00 PM	10/28/2025 7:16
62719-519	7.00	28.00	11/25/2025	8:00:00 PM	3:00:00 PM	10/28/2025 7:16
432-1561	1.25	5.00	11/24/2025			
432-1561	1.25	5.00	11/19/2025			
432-1561	1.25	5.00	12/15/2025			
432-1561	1.25	3.75	11/13/2025			
432-1561	1.25	5.00	11/18/2025			
432-1561	1.25	2.50	11/11/2025			
432-1561	1.25	2.50	11/12/2025			
432-1561	1.25	2.50	12/16/2025			
432-1561	1.25	4.00	11/20/2025			
432-1561	1.25	5.00	11/28/2025			
432-1561	1.25	5.00	11/25/2025			
432-1561	1.25	5.00	11/17/2025			
432-1561	1.25	5.00	11/23/2025			
		689.25				

Task 29949 Equipment

Date	Equipment ID	Rate (gal/ac)
11/19/2025	Truck 2663	50.00

Task 29949 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
-----------	---------------------------	-------------------------------------

Jim Sebastian	Qualified Supervisor	5633
---------------	----------------------	------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
30290	VEG146	Rangeland	Musk Thistle		0.08	BCPOS - Natural Land

Task 30290 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.28	10/9/2025	9:00:00 AM	10:00:00 AM	9/18/2025 15:18
432-1561	1.50	0.06	10/9/2025			
		0.34				

Task 30290 Equipment

Date	Equipment ID	Rate (gal/ac)
10/9/2025	02 Backpack Sprayer	50.00

Task 30290 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3052	VEG324		Other Noxious Weeds - see Species Notes		1.00	BCPOS - Trail

Task 3052 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	7.00	6/24/2025	8:00:00 AM	11:30:00 AM	6/12/2025 7:51
432-1561	1.33	1.33	6/24/2025			
		8.33				

Task 3052 Equipment

Date	Equipment ID	Rate (gal/ac)
6/24/2025	06 Backpack Sprayer	40.00

Task 3052 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jake Brown	Qualified Supervisor	46398

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3081	VEG27	Rangeland	Other Noxious Weeds - see Species Notes		14.50	BCPOS - Natural Land

Task 3081 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-586	10.00	65.00	5/22/2025	1:00:00 PM	5:00:00 PM	4/14/2025 16:50
62719-586	10.00	30.00	4/23/2025			
62719-586	10.00	10.00	5/16/2025			
62719-586	10.00	40.00	5/14/2025			
89442-36	10.00	65.00	5/22/2025			
62719-519	5.00	20.00	5/14/2025	8:00:00 AM	1:00:00 PM	4/14/2025 16:50
62719-519	5.00	5.00	5/16/2025			
432-1561	1.50	4.50	4/23/2025	8:00:00 AM	1:00:00 PM	4/14/2025 16:50
432-1561	1.00	1.00	5/16/2025	8:00:00 AM	9:00:00 AM	4/14/2025 16:50
432-1561	1.00	4.00	5/14/2025			
		244.50				

Task 3081 Equipment

Date	Equipment ID	Rate (gal/ac)
5/22/2025	Spray Tractor 4263	50.00

Task 3081 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Jim Sebastian	Qualified Supervisor	5633

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3218	VEG167	Rangeland	Other Noxious Weeds - see Species Notes		2.60	BCPOS - Natural Land

Task 3218 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-586	10.00	20.00	5/22/2025	8:00:00 AM	11:00:00 AM	
62719-586	10.00	6.00	5/22/2025			

62719-519	5.00	3.00	5/22/2025			
89442-36	10.00	20.00	5/22/2025			
201-50218	1.00	0.60	5/22/2025	8:00:00 AM	11:00:00 AM	
		49.60				

Task 3218 Equipment

Date	Equipment ID	Rate (gal/ac)
5/22/2025	Truck Sprayer Rig - 3	50.00

Task 3218 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Anthony Beck	Qualified Supervisor	44846

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3243	VEG95	Industrial and Right-of-way	Hairy-Willow Herb		0.37	BOCO - Right of Way

Task 3243 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
241-437-67690	64.00	23.40	8/7/2025	8:30:00 AM	9:00:00 AM	7/31/2025 15:30
81927-22	64.00	23.40	8/7/2025			
		46.80				

Task 3243 Equipment

Date	Equipment ID	Rate (gal/ac)
8/7/2025	Truck 2627	40.00

Task 3243 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3244	VEG171	Industrial and Right-of-way	Hairy-Willow Herb		0.90	BOCO - Right of Way

Task 3244 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22	64.00	58.20	8/7/2025			7/31/2025 15:30
241-437-67690	64.00	58.20	8/7/2025	11:00:00 AM	11:30:00 AM	
		116.40				

Task 3244 Equipment

Date	Equipment ID	Rate (gal/ac)
8/7/2025	Truck 2627	40.00

Task 3244 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3341	VEG126	Rangeland	Other Noxious Weeds - see Species Notes		1.60	BCPOS - Natural Land

Task 3341 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	4.20	9/16/2025	8:30:00 AM	12:00:00 PM	9/10/2025 16:11
62719-519	7.00	7.00	8/4/2025			
432-1561	1.33	1.33	8/4/2025	9:00:00 AM	12:00:00 AM	9/10/2025 16:11
		12.53				

Task 3341 Equipment

Date	Equipment ID	Rate (gal/ac)
8/4/2025	02 Backpack Sprayer	50.00

Task 3341 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Jake Brown	Qualified Supervisor	46398
------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3366	VEG426	Industrial and Right-of-way	Russian Knapweed		0.22	BOCO - Right of Way

Task 3366 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	0.50	5/30/2025	11:00:00 AM	12:00:00 PM	5/22/2025 11:02
62719-6	32.00	5.00	5/16/2025			
		5.50				

Task 3366 Equipment

Date	Equipment ID	Rate (gal/ac)
5/16/2025	01 Backpack Sprayer	40.00

Task 3366 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3370	VEG118	Aquatic	Hairy-Willow Herb		0.04	BCPOS - Natural Land

Task 3370 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22	64.00	2.40	8/22/2025			8/5/2025 6:07
241-437-67690	64.00	2.40	8/22/2025	7:30:00 AM	9:15:00 AM	
		4.80				

Task 3370 Equipment

Date	Equipment ID	Rate (gal/ac)
8/22/2025	06 Backpack Sprayer	40.00

Task 3370 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Shursteen Sharpe	Qualified Supervisor	37844
------------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3436	VEG409	Rangeland	Other Noxious Weeds - see Species Notes	Dalmatian Toadflax	0.01	BCPOS - Natural Land

Task 3436 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-259	10.60	0.10	4/17/2025	9:00 AM	10:30 AM	4/10/2025 19:25
		0.10				

Task 3436 Equipment

Date	Equipment ID	Rate (gal/ac)
4/17/2025	09 Backpack Sprayer	140.00

Task 3436 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Kelsey Backiewicz	Certified Operator	44346

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3465	VEG221	Rangeland	Leafy Spurge		0.03	BCPOS - Natural Land

Task 3465 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
42750-169	25.00	0.63	9/19/2025	8:00:00 AM	8:30:00 AM	8/19/2025 14:33
		0.63				

Task 3465 Equipment

Date	Equipment ID	Rate (gal/ac)
9/19/2025	05 Backpack Sprayer	40.00

Task 3465 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Autumn Tudela	Qualified Supervisor	44838
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3503	VEG47		Other Noxious Weeds - see Species Notes		2.00	BCPOS - Natural Land

Task 3503 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	14.00	10/22/2025	8:30:00 AM	2:30:00 PM	10/16/2025 10:32
432-1561	1.33	2.66	10/22/2025			
		16.66				

Task 3503 Equipment

Date	Equipment ID	Rate (gal/ac)
10/22/2025	02 Backpack Sprayer	40.00

Task 3503 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Patrick Murray	Certified Operator	42482

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3506	VEG194		Other Noxious Weeds - see Species Notes	Diffuse Knapweed;	0.01	BCPOS - Natural Land

Task 3506 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-259	10.60	0.10	4/10/2025	11:00 AM	12:30 PM	4/3/2025 17:00
		0.10				

Task 3506 Equipment

Date	Equipment ID	Rate (gal/ac)
4/10/2025	09 Backpack Sprayer	140.00

Task 3506 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Kelsey Backiewicz	Certified Operator	44346

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3533	VEG89	Rangland	Other Noxious Weeds - see Species Notes		0.01	BCPOS - Natural Land

Task 3533 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
81927-22	0.00	0.25	5/1/2025	9:00:00 AM	9:15:00 AM	4/24/2025 17:02
		0.25				

Task 3533 Equipment

Date	Equipment ID	Rate (gal/ac)
4/10/2025	09 Backpack Sprayer	140.00

Task 3533 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Claire Stufflebeam	Qualified Supervisor	44837

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
3595	VEG409	Rangeland	Other Noxious Weeds - see Species Notes	Burdock; Crack Willow; Dalmation Toadflax; Diffuse Knapweed; Hoary Cress; Mullein; Musk Thistle;	1.30	BCPOS - Natural Land

Task 3595 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	9.10	5/17/2025	8:00:00 AM	11:00:00 AM	5/7/2025 16:44
		9.10				

Task 3595 Equipment

Date	Equipment ID	Rate (gal/ac)
5/17/2025	Truck Sprayer Rig - 3	50.00

Task 3595 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Anthony Beck	Qualified Supervisor	44846

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
36469	VEG541	Rangeland		Canada Thistle; Downy Brome; Hoary Alyssum; Mullein;	3.27	BOCO - Right of Way

Task 36469 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
432-1516	7.00	22.89	10/27/2025	9:00:00 AM	10:00:00 AM	10/3/2025 6:09
241-365	5.00	15.41	10/27/2025			
		38.30				

Task 36469 Equipment

Date	Equipment ID	Rate (gal/ac)
10/27/2025	Truck 2627	40.00

Task 36469 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Trent Kischer	Qualified Supervisor	46619
---------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
36799	VEG539	Industrial and Right-of-way	Knotweeds		1.53	BOCO - Right of Way

Task 36799 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.14	8/8/2025	11:30:00 PM	12:00:00 PM	7/31/2025 15:23
		2.14				

Task 36799 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 36799 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
36800	VEG539	Industrial and Right-of-way	Spotted Knapweed		1.53	BOCO - Right of Way

Task 36800 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.14	8/8/2025	11:30:00 PM	12:00:00 PM	7/31/2025 15:24
		2.14				

Task 36800 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 36800 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number

Shursteen Sharpe	Qualified Supervisor	37844
------------------	----------------------	-------

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
36801	VEG539	Industrial and Right-of-way	Musk Thistle		1.53	BOCO - Right of Way

Task 36801 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.14	8/8/2025	11:30:00 PM	12:00:00 PM	7/31/2025 15:24
		2.14				

Task 36801 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 36801 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Shursteen Sharpe	Qualified Supervisor	37844

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
36802	VEG539	Industrial and Right-of-way	Bull Thistle		1.53	BOCO - Right of Way

Task 36802 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	2.14	8/8/2025	11:30:00 PM	12:00:00 PM	7/31/2025 15:24
		2.14				

Task 36802 Equipment

Date	Equipment ID	Rate (gal/ac)
8/8/2025	Truck 2627	40.00

Task 36802 Labor Information

Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Trent Kischer	Qualified Supervisor	46619

Task ID	Vegetation Mgmt Area ID	Site	Weed Species	Weed Species List	Material Acres Applied	Property Type
37706	VEG498	Rangeland	Other Noxious Weeds - see Species Notes	Canada Thistle;	0.30	BCPOS - Natural Land

Task 37706 Materials Used

EPA Registration Number	Rate (oz/ac)	Quantity (oz)	Date	Start Time	Stop Time	Notification Date and Time
62719-519	7.00	1.05	9/2/2025	9:00:00 AM	11:00:00 AM	8/6/2025 13:03
62719-519	7.00	1.05	8/13/2025	9:00:00 AM	11:00:00 AM	
		2.10				

Task 37706 Equipment

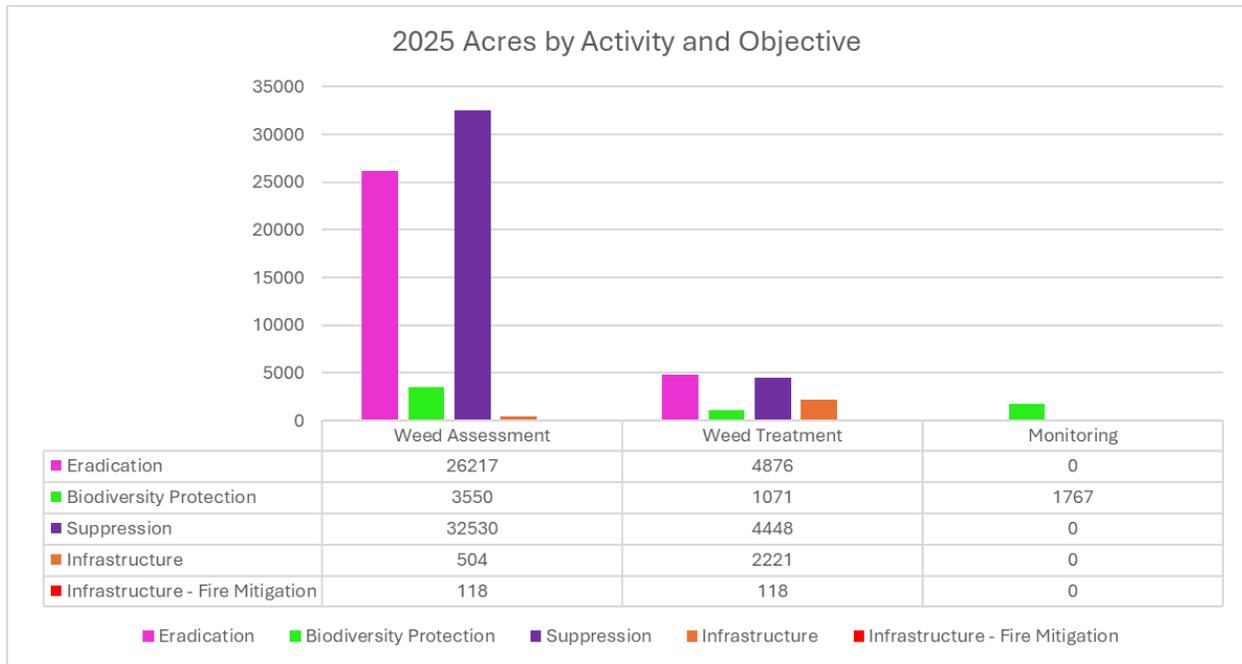
Date	Equipment ID	Rate (gal/ac)
9/2/2025	01 Backpack Sprayer	40.00

Task 37706 Labor Information

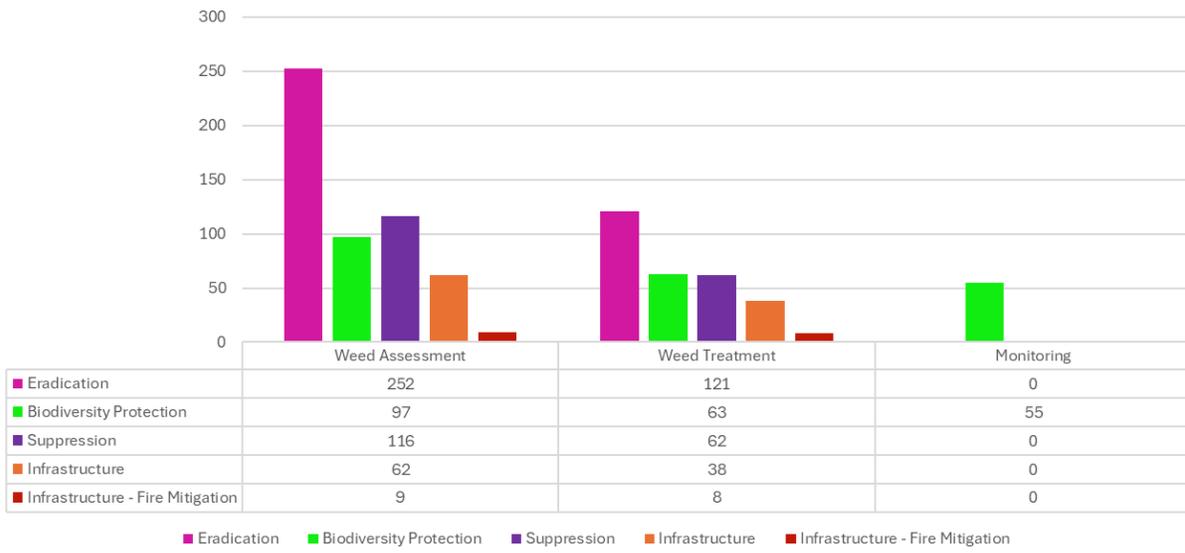
Full Name	CO Dept Ag Pesticide Type	CO Dept Ag Pesticide License Number
Celeste Valravv	Technician	

Appendix D: 2025 Tasks by Activity and Objective Charts

The following charts were created using data from the AMS and represent tasks completed in 2025 sorted by management objective and task type (weed assessment, weed treatment or monitoring). The graphs summarize the acres, number of tasks and labor hours.



2025 # of Tasks by Activity and Objective



2025 Labor Hours by Activity and Objective

