UNITED STATE DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT PESTICIDE USE PROPOSAL

STATE: Washington

DISTRICT: Spokane

COUNTY/IES: Lincoln Co.

LOCATION:

T21N, R38E, Sec. 13, 24.

T21N, R39E, Sec. 07, 08, 17, 18, 19.

Shapefiles provided for georeferenced treatment locations (map attached)

DATE: 04/27/2026

PROPOSAL NUMBER: ORW030-26-00~~3~~ 5

DURATION OF PROPOSAL: 2026-2029

EA REFERENCE NUMBER:

DOI-BLM-ORWA-W000-2017-0001-EA

DECISION RECORD (DR) NUMBER:

DOI-BLM-ORWA-W030-2026-0005-DNA

ORIGINATOR – NAME:
Jonathan Carvella- Border Field Office Botanist

ORIGINATOR – COMPANY:
Bureau of Land Management
Spokane District, Border Field Office

ORIGINATOR – CONTACT INFORMATION:
Spokane BLM Border Field Office
1103 N Fancher Road
Spokane, WA 99212
(509) 536-1200

PROPOSAL PREPARER - NAME:
Jonathan Carvella- Border Field Office Botanist

PROPOSAL PREPARER – COMPANY:
Spokane BLM Border Field Office

PROPOSAL PREPARER – CONTACT INFORMATION:
Spokane BLM Border Field Office
1103 N Fancher Road
Spokane, WA 99212
(509) 536-1200

I. APPLICATION INFORMATION

The following herbicides and adjuvants could be used individually or in combination.

a. CHEMICAL INFORMATION – (Including pre-mixtures and adjuvants):

i. HERBICIDES:

Common Name, Trade Name, Manufacturer, and EPA Registration Number.

Trade Name	Common Name	Manufacturer	EPA Registration #
Alligare Panoramic 2SL	Imazapic	*Alligare, LLC*	*66222-141-81927*
Nufarm Imazapic 2SL	Imazapic	Nufarm Americas Inc.	71368-99
Plateau	Imazapic	BASF Corporation	241-365
Milestone	Aminopyralid	Dow AgroSciences	62719-519
Whetstone	Aminopyralid	Alligare, LLC	81927-82
Adjuvant Product Information			
SylTac EA	MSO + Silicone-based Surfactant	Wilbur-Ellis	WA Reg. #: AW-2935-00004
Hasten-EA	Methylated seed oil	Wilbur-Ellis	WA Reg. #: 2935-15003
Super Spread MSO	Methylated seed oil	Wilbur-Ellis	WA Reg. #: 2935-03001
Phase	Surfactant	Loveland Products	WA Reg. #: 34704-05007
Attach	Surfactant	Loveland Products	WA Reg. #: 34704-05004
Insist 90	Surfactant	Wilbur-Ellis Company	WA Reg. #: 2935-07001
Denali EA	Non-Ionic Surfactant	Wilbur-Ellis Company	WA Reg. #:2935-15006
FTF Defoamer	Defoaming Agent	Wilbur-Ellis Company	WA Reg. #: 2935-13002
Liberate	Deposition aid	Loveland Products	WA Reg. #: 34704-04008
Hi-Light	Colorant	~~Becker Underwood~~ BASF inc	N/A
Alligare Super Marking Dye	Colorant	Alligare, LLC	N/A

a. **METHOD OF APPLICATION:**

i. Spot spraying
   1. Backpack sprayers.
   2. Truck or UTV mounted sprayers.

ii. Broadcast
   1. Aerial application from fixed wing aircraft and rotorcraft.
   2. Truck or UTV mounted boom nozzles.

II. MAXIMUM RATE OF APPLICATION – AS STATED IN THE EIS:

Rates of Application – within limits of the *13 Western States EIS* (as modified according to new rate limits from *2007 Vegetation Treatments Using Herbicides in 17 Western States EIS*), Spokane District Programmatic Noxious Weed & Invasive Plant Management Environmental Assessment (DOI-BLM-ORWA-W000-2017-0001-EA) and according to the label:

Trade Name	Common Name	Maximum Amount – EIS – Formulation (volume)	Maximum Amount – EIS – Active Ingred.	Maximum Amount – Label – Formulation	Maximum Amount – Label – Active Ingred.
Alligare Panoramic 2SL	Imazapic	12 oz./ac.	0.19 lb. a.e./ac.	12 oz./ac.	0.19 lb. a.e./ac.
Nufarm Imazapic 2SL	Imazapic	12 oz./ac.	0.19 lb. a.e./ac.	12 oz./ac.	0.19 lb. a.e./ac.
Plateau	Imazapic	12 oz./ac.	0.19 lb. a.e./ac.	12 oz./ac.	0.19 lb. a.e./ac.
Milestone	Aminopyralid	7.0 oz./ac.	0.11 lb. a.e./ac.	7.0 oz./ac.	0.~~078 lb~~ 0.11 lbs a.e./ac.
Whetstone	Aminopyralid	7.0 oz./ac.	0.11 lb. a.e./ac.	7.0 oz./ac.	0.~~078 lb~~. 0.11 lbs a.e./ac.

Adjuvant Product Information and Rates				
Trade Name	**Type**	**Manufacturer**	**Label Rate**	**Intended Application Rate**
SylTac EA	MSO + Organosilicone	Wilbur-Ellis	4 oz. /ac.	0.1% v/v
Phase	Surfactant	Loveland Products	1 - 4 pints/100 gal.	1 - 4 pints/100 gal.
Hasten-EA	Methylated seed oil	Wilbur-Ellis	1 – 4 pints/acre	2 – 3 pints/acre
Renegade-EA	Methylated seed oil	Wilbur-Ellis	1 – 3.5 gal./100 gal. solution	2 gal./100 gal. solution
Premium MSO	Methylated seed oil	Helena Chemical	1 – 2 pints/acre	1 – 2 pints/acre
Super Spread MSO	Methylated seed oil	Wilbur-Ellis	1 – 4 pints/acre	1 – 4 pints/acre
Denali EA WA	urfactant	Wilbur-Ellis	1-4 pts/ 100 gal.	1-4 pts/ 100 gal.
Attach	Surfactant	Loveland Products	4 – 16 ounces/acre	4 – 8 ounces/acre
Insist 90	Surfactant	Wilbur-Ellis Company	1 – 3 pints/100 gal.	1 – 3 pints/100 gal.
Liberate	Deposition aid	Loveland Products	1-4 pints/100 gal.	1-4 pints/100 gal.
FTF Defoamer	Defoaming Agent	Wilbur-Ellis Company	0.1- 0.5 oz/ 100 gal.	Up to 0.5 ounces/100 gal.
Hi-Light	Colorant	~~Beeker Underwood~~ BASF Inc	Up to 32 ounces / 100 Gal. solution	16 ounces / 100 Gal.

III. INTENDED RATE OF APPLICATION:

i. **Spot Spray Applications:**

Trade Name	Percent Solution	Amount Formulation per gallon spray solution	Amount Active Ingredient per gallon spray solution	Amount Formulation per Acre	Amount Active Ingredient per Acre
Milestone or Whetstone (use one product)	0.18%	0.23 oz./gal.	0.0036 lbs. a.e./gal.	Up to 7 oz.	Up to 0.11 lbs. a.e./ac.

ii. **Broadcast Applications – Backpack and Motorized Ground Sprayers**

Intended Application Rates		
Trade Name	Formulated Product	Active Ingredient or Acid Equivalent (lbs.)
Alligare Panoramic 2SL	Up to 8 ounces	Up to 0.125lbs a.e.
Nufarm Imazapic 2SL	Up to 8 ounces	Up to 0.125lbs a.e.
Plateau	Up to 8 ounces	Up to 0.125lbs a.e.
Milestone	Up to 7 ounces	Up to 0.11 a.e.
Whetstone	Up to 7 ounces	Up to 0.11 a.e.

iii. **Broadcast Applications – Aerial Application**

Trade Names	Amount Formulation	Amount Active Ingredient/Acre.
Plateau, Nufarm Imazapic 2SL, or Alligare Panoramic 2SL	8 oz per acre	0.125lbs a.e./ac

APPLICATION DATE(S):
Applications of Imazapic will generally occur between October 01 through April 01 of each year between 2026 and 2029.

Applications of Aminopyralid will generally occur between March 15 through October 31 of each year between 2026 and 2029.

NUMBER OF APPLICATIONS:
There will typically be one application of Imazapic and Aminopyralid per year.

DESIRED RESULTS OF THE APPLICATION – LINKED TO THE OBJECTIVES OF THE APPLICATION:

Desired results of the applications are to use herbicides to manage the reproduction and spread of noxious and nonnative invasive plant infestations, reduce the populations of these species, and enhance the ecological functionality and sustainability of the plant communities in these areas. The BLM would meet the purpose of improving rangeland health by preventing the spread of noxious and nonnative invasive plants in the treatment areas. Imazapic will be applied to dormant non-native annual grass (Prior to germination), in appropriate areas away from sensitive

plant populations. A goal to reduce the cover of target species to less than 5% for 1-year post-treatment. *Bromus tectorum*, *B. japonicus, B. arvensis*, and *Ventenata dubia* are the targeted species for these aerial imazapic treatments. *Ventenata dubia* is a Washington State Class C listed Noxious plant the *Bromus* listed are invasive nonnatives that commonly out compete with native plants.

Herbicide treatments would include a variety of application methods with the primary modality being aerial/UTV broadcast and UTV/backpack spot applications, as needed. The proposed herbicides, imazapic, is a selective, pre-emergent herbicide applied to ~~bare ground~~ soil that suppresses the germination of annual grass and some annual forbs while protecting established bunchgrasses and other perennial species. Application rates will not exceed 12oz/acre/year of imazapic. Aminopyralid, a selective, post-emergent herbicide, may also be used for spot treatments of target broadleaf invasives. Application rates will not exceed 7.0oz/acre/year. Aminopyralid will be used on any Washington State listed Noxious plant species populations found in the project area. These could include *Bassia scoparia, Carduus spp.*, *Centaurea spp.*, *Chondrilla juncea*, or other broadleaf invasives.

Decreasing the hazardous fuels in the project area will be a proactive measure to reduce wildfire risk to the community of Sprague, WA by establishing a fuel break along Interstate 90 traversing southwest to northeast. Utilization of this linear feature will interrupt fire flow in the area under various weather patterns. This will provide opportunities to limit fire spread based on ignition location and direction of spread which will lessen wildfire impacts to private land including WUI, infrastructure and natural values. The treatment of noxious weeds and invasive annual grasses will limit fuel continuity; directly affecting fire behavior by slowing rates of spread while establishing time for suppression activities and increasing the probability of containment success.

VIII. SENSITIVE ASPECTS AND PRECAUTIONS (Describe sensitive areas – wetland, endangered, threatened, candidate, and sensitive species habitat – and distance to application site. List measures to be taken to avoid impact on these areas):

1. Are there special status species (SSS) in the project area? **No**
   A. If "No" Proceed to the site description portion of this section.
   B. If "Yes" Are any of the SSS also federally threatened, Endangered, or proposed? "Yes" or "No" (Circle One)
      a. If "No" Proceed to the site description portion of this section.
      b. If "Yes" Did your Field Office coordinate with the local Fish and Wildlife Service Office and/or NMFS? "Yes" or "No" (Circle One)
         I. If "No" Explain
            See explanation below
         II. If "Yes" Was Section 7 Consultation Completed "Yes" or "No" (Circle One)
            1. If "No" Explain

            2. If "Yes" What extent of Section 7 was completed?
               "Formal Consultation" (Circle One)
               "Informal Consultation"
               "Technical Assistance"

            2b. Describe the outcome of the consultation:

VI. APPLICATION SITE DESCRIPTION:

1. ESTIMATED NUMBER OF ACRES: 1400

2. GENERAL DESCRIPTION

Site Description

The Bureau of Land Management (BLM) Spokane District is proposing to conduct herbicide treatments on approximately 1400 acres of BLM land within the Border Field Office. The proposed treatment area is located in the Airport pasture of the Fishtrap allotment, northeast of Sprague, WA. This area is highly susceptible to frequent wildfires due to its proximity to Interstate 90 and the high density of noxious weeds and invasive annual grasses. These treatments aim to mitigate wildland fire risk by reducing the horizontal and vertical continuity (Rate of Spread) and fuel loadings (ton/ac) of noxious weeds and invasive annual grasses and improve habitat for fire resilient native plant communities.

IV. SENSITIVE ASPECTS AND PRECAUTIONS – (CONTINUED):

Prevention measures, Standard Operating Procedures (SOPs), and conservation measures are listed in Appendix C of the Spokane District Noxious Weed and Invasive Plant Management Environmental Assessment (pages 18-46). Include the rest of the protection measures from attached DNA for this project.

Special Status Plant Species

There are no Special Status Species in the treatment area. The closest areas of Special Status Species populations and/or habitat are over 5000 feet from the treatment area.

Wildlife Species

Raptors - BLM Sensitive and Raptors of Conservation Concern
(Bald Eagle, Golden Eagle, Ferruginous Hawk, Peregrine Falcon, Burrowing Owl, Great Gray Owl, Northern Goshawk, Short-eared Owl, Flammulated Owl)

- W21. Do not allow noise and activity disturbance (vehicular traffic, tractors, or pump equipment) within 0.25 miles of known raptor nest sites during their breeding seasons. Activities along existing open roads are not restricted due to habituation to disturbance in these situations.
- W22. Raptor breeding seasons are: bald eagle (March 1 - July 31), golden eagle (February 15 - July 15), ferruginous hawk (March 1 - May 31), peregrine falcon (March 1 – June 31), burrowing owl (February 15 – September 25), great gray owl (March 15 – July 15), northern goshawk (March 1 – September 30), short-eared owl (March 15 – August 31), flammulated owl (April 15 – September 15).
- W23. Do not allow helicopter/aircraft activity within 1 mile of known raptor nest sites during their breeding seasons

VI. NON-TARGET VEGETATION

Nontarget vegetation, especially native bunch grasses, are at low risk for impacts from proposed treatments at the rates and methods intended. Invasives treatments are designed and intended to facilitate vigorous growth by native species by eliminating competition from noxious and invasive plant species. The risk of impacting a small percentage (<10%) of native vegetation including desirable broadleaves, is outweighed by the reduction and/or elimination of invasive plant species which would allow native species to outcompete noxious and invasive species.

Smaller site infestations may be manually removed, if annual, biennial, or short-lived perennial species that respond to manual control, or will be spot treated by using a hand wand and directed spray, thus avoiding most off-target damage. Larger sites may require broadcast applications.

VII. INTEGRATED PEST MANAGEMENT PRACTICES CONSIDERED IN THE OVERALL PROJECT:

Broadcast and Spot herbicide application will be emphasized on:

- New infestations
- Small infestations
- Easily accessed infestation sites
- Edges of large infestations
- Ownership boundaries

Manual and mechanical treatments will be emphasized on:

- Infestations where other treatments are not effective
- Small infestations where it is effective and practical

Revegetation will be emphasized for use:

- In combination with other treatments to revegetate bare ground
- In combination with other treatments to out compete invasives

Prevention and education:

- Prevention and education are ongoing programs.

VIII. SIGNATURES:

1. **Pesticide Use Proposal's Originator:** Jonathan Carvella Date: 04/28/2026
   a. **Company**: Spokane BLM Border Field Office

   Digitally signed by JONATHAN CARVELLA
   Date: 2026.04.28 15:53:06 -07'00'

2. **Certified Pesticide Applicator:** Jonathan Carvella Date: 04/28/2026
   a. **License Number:** 24- 019 Exp. 12/31/2027
   b. **Certifying Organization:** United States Department of the Interior, Bureau of Land Management

   Digitally signed by JONATHAN CARVELLA
   Date: 2026.04.28 15:52:43 -07'00'

3. **Field Office Pesticide/Noxious Weed Coordinator:** Jonathan Carvella Date: 04/28/2026

   Digitally signed by JONATHAN CARVELLA
   Date: 2026.04.28 15:53:47 -07'00'

4. **Field Office Manager:** Shevawn Sapp Date:

   SHEVAWN SAPP
   Digitally signed by SHEVAWN SAPP
   Date: 2026.04.29 11:09:22 -07'00'

5. **BLM State Pesticide Coordinator:** Date:

   GRACE HASKINS
   Digitally signed by GRACE HASKINS
   Date: 2026.05.19 14:38:37 -07'00'

6. **Deputy State Director:** Date:

   AARON CURTIS
   Digitally signed by AARON CURTIS
   Date: 2026.05.20 15:33:03 -07'00'

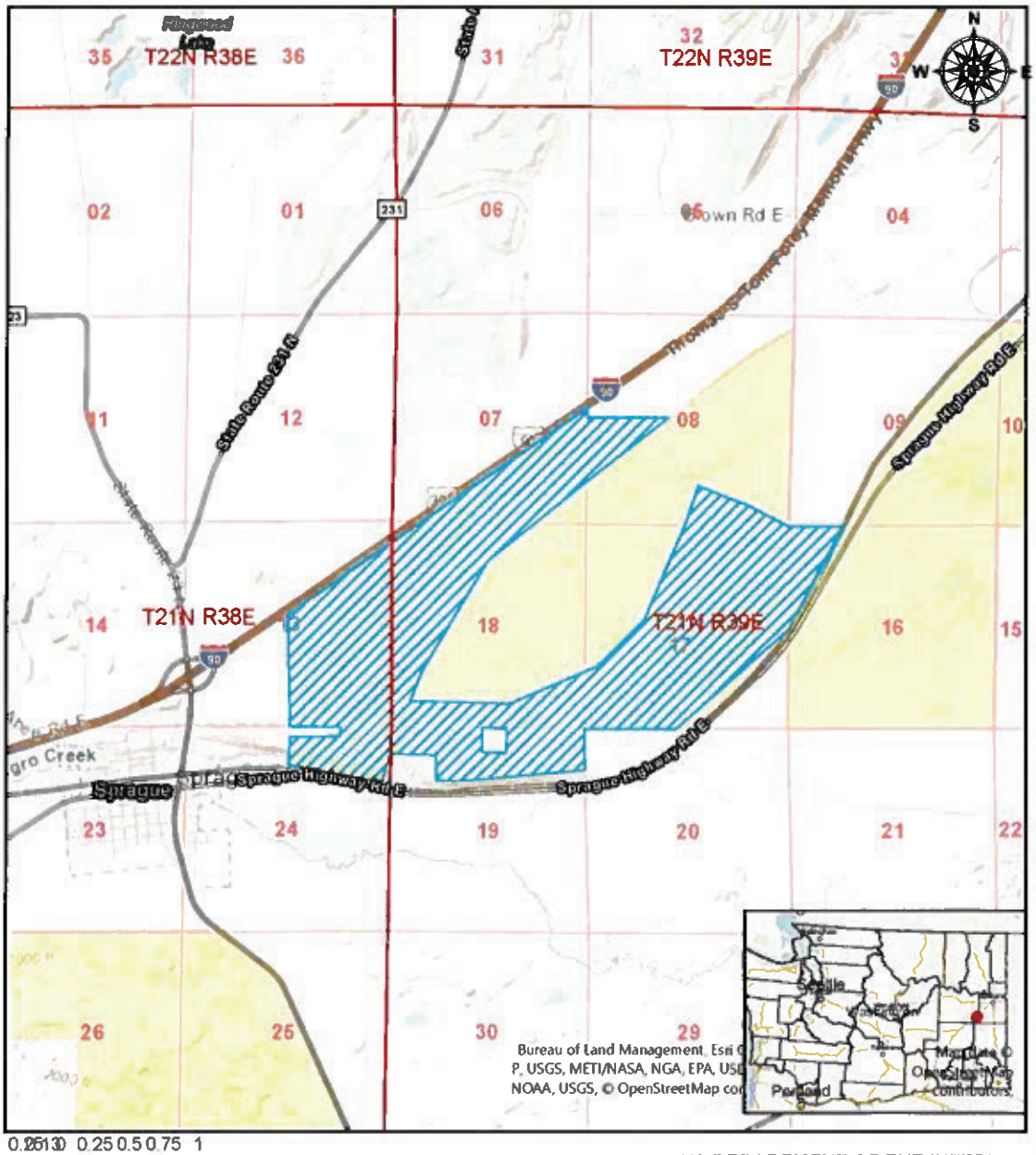
Concur or Approved

Not Concur or Disapproved

X Concur or Approved with Modifications

- Any changes (modifications) to this proposal by the State Pesticide Coordinator will be listed in an attached memo to the manager requesting approval from the Deputy State Direct

• Required modifications are noted in Red. and all protection measures need to be included in DNA DOI-BLM-OR/WA-U30-2026-0005



0.2613 0.25 0.5 0.75 1 Miles

Legend

FY26_Airport_Treatment

Bureau of Land Management

Airport Pasture Treatments
T21N, R38E Sec 13, 24
T21N, R39E Sec 07, 08, 16-19
1:60,000

US DEPARTMENT OF THE INTERIOR
Bureau of Land Management

Border Field Office
1103 N. Fancher Rd.
Spokane Valley, WA 99212
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04/24/2026