

## **INVITATION FOR BID**

### **Confederated Tribes of the Umatilla Indian Reservation (CTUIR) Department of Natural Resources WILDLIFE PROGRAM**

**Date:** February 10, 2021

**Project Title/Number:** Weed Treatment in Isqúultpe Creek Watershed – **BPA Isqúultpe 21/IFB01**

**Delivery Date:** Project is scheduled to begin on approximately **May 1, 2021** and be completed by **Nov 27, 2021**

**To:** Prospective Contractors with and without Indian preference

**Subject:** Seeking bids to conduct planned weed treatment in Isqúultpe Creek Watershed

Please submit bids on the enclosed Bid Sheet with appropriate signatures and date, and send to the following mailing or email address by **March 12, 2021**:

Mailing:  
CTUIR, DNR, Wildlife Program  
Attn: RaeAnn Oatman  
46411 Timine Way  
Pendleton, OR 97801

Email: [raeannoatman@ctuir.org](mailto:raeannoatman@ctuir.org) (please cc [lindsaychiono@ctuir.org](mailto:lindsaychiono@ctuir.org))

A contractor will be selected by **March 19, 2021**.

By submission of a bid the contractor agrees, if the bid is selected, to enter into a contract with the Confederated Tribes of the Umatilla Indian Reservation, Department of Natural Resources and to complete all work as specified in the proposal for the proposed costs and within the contract time frame indicated in this IFB. The bid must be arrived at independently and be prepared in accordance with the enclosed instructions. Site tours of the Isqúultpe Creek portion of the project area can be arranged by request. Additional maps and aerial imagery can also be supplied.

Contractors should be advised that prior to award of any contract, the CTUIR Department of Natural Resources Wildlife Program reserves the right to conduct a pre-award survey for the purpose of determining the contractor's responsibility and capacity to perform the contract. This survey may include review of prior subcontracting agreements, financial capacity, and quality of work performed on other contracts.

All bids must be signed and dated. If multiple parties are collaborating on a bid submission, each party must sign the bid. All bids must include IFB# **BPA Isqúulktpe 21/IFB01.**

In order to ensure fairness to all potential contractors, all pertinent questions regarding the attached IFB should be submitted via email by 4:00 p.m. PDT on **March 5, 2021** and directed to Lindsay Chiono ([lindsaychiono@ctuir.org](mailto:lindsaychiono@ctuir.org)). Responses to questions will be sent to all potential contractors so that all contractors have access to the same information prior to bid submission.

Sincerely,

RaeAnn Oatman  
Administrative Manager  
Department of Natural Resources

cc: Lindsay Chiono, Asst. Project Leader

**Attachments:**

- Project Description
- Scope of Work
- Isqúulktpe Watershed Task Maps
- Bid Sheet
- CTUIR Weed Treatment Record
- Approved Herbicides and Adjuvants

## PROJECT DESCRIPTION AND LOCATION

The Confederated Tribes of the Umatilla Indian Reservation (CTUIR), Department of Natural Resources Wildlife Program is requesting bids for weed treatments within the Isquulktp Creek Watershed (Figure 1) in Umatilla County, Oregon. Planned weed treatment tasks are located along Isquulktp Creek, Bachelor Ridge, Telephone Ridge, and Gibbon Ridge (Figure 1).

Targeted weed species include but are not limited to Himalayan blackberry, Canada thistle, sulfur cinquefoil, Viper's bugloss (*Echium* sp.), yellow starthistle, diffuse knapweed, poison hemlock, rush skeletonweed, and St. Johnswort.

The scope of work consists of herbicide application on sites primarily associated with existing roads and ridge tops. Treatment sites include:

- along 3 miles of Iskuulpa Creek Rd, including meadows off the road;
- 1 mile along lower Bachelor Ridge;
- about 8 acres along Telephone Ridge and the east fork of Telephone Ridge; and
- 7 miles along Gibbon Ridge, including a 20-acre site with patches of starthistle

***\*Note: Flooding in February 2020 damaged Isquulktp Creek Road, making Bachelor Ridge inaccessible from below. Bachelor Ridge must be accessed via Gibbon Ridge.***

## SCOPE OF WORK

Tasks 1-9 (Figure 1) constitute the statement of work and are described below. **Task site 1 should be visited twice in 2021: once between May 1 and Jun 15, and once between Aug 15 and Oct 31.** Visits to Task sites should be coordinated with CTUIR staff.

All herbicide treatments must follow State, Federal and County regulations governing the use of pesticide control measures. Bonneville Power Administration (BPA) herbicide regulations must also be followed (see pp. 79-85:

<https://www.bpa.gov/efw/Analysis/NEPADocuments/esa/2016HIPIIIFullHandbookVer4.1FINAL.pdf>

Herbicides to be applied to Himalayan blackberry patches are specified below. For all other weed species, the appropriate herbicides and adjuvants should be selected from the list of BPA-approved chemicals (Tables 1 and 2 below). Herbicide selection should be based on control effectiveness for the targeted weed species. Planned herbicide use (i.e., chemicals chosen for control of the nine species listed in the project description above) must be approved by Lindsay Chiono before herbicide applications begin.

**TASK 1:** Twice in 2021, broadcast or spot spray all invasive forb weeds along 3 miles of Iskuulpa Creek Road and on 27 acres in the **Isquulktp Creek floodplain** (limited to areas located more than 100 feet from the high water mark).

**TASK 2:** Broadcast or spot spray all noxious forb weeds along one mile of the ATV track on **Bachelor Ridge**.

**TASK 3:** Broadcast or spot spray sulfur cinquefoil rosettes on **Telephone Ridge and the east fork of Telephone Ridge**.

- Sulfur cinquefoil occurs in dense patches totaling approximately 8-10 acres. This species should not be confused with existing patches of native cinquefoil – native cinquefoils and other native forbs should be avoided during treatment.

**TASK 4:** Broadcast or spot spray sulfur cinquefoil, Bachelor's button, yellow starthistle, St. Johnswort, and other noxious weeds along the 7 miles of ATV track on **Gibbon Ridge** (Figure 1).

- Sulfur cinquefoil occurs in patches totaling approximately 2 acres. In recent years, the presence of other weed species on Gibbon Ridge was minimal. Native cinquefoils and other native forbs should be avoided during weed treatment.

**TASK 5:** Spot spray yellow starthistle within a 20-acre mapped polygon at the end of the ATV track on **Gibbon Ridge** (Figure 3). The site was treated with herbicides annually from 2017 through 2020. Starthistle plants are found individually and in patches throughout the mapped polygon.

- ATV's can be used to access the site (to within approximately a quarter mile of the site), but due to steep slopes where plants are found, **spraying must be performed on foot or with a pack animal**.
- Treatment should occur **between early June and late July**, when plants are bolting but before widespread flowering has begun.

**TASK 6:** Spot spray and hand wick/wipe herbicide to treat blackberry sprouts along 3 miles of Iskuulpa Creek Rd, and on 27 acres in the **Isquulktpé Creek floodplain** located  $\geq 15$  feet from the high water mark in **fall 2021**. CTUIR staff have been cutting, piling, and burning blackberry shrubs for a number of years, and **only resprouts/new canes are targeted for herbicide treatment**.

- Blackberry should be treated only once, between **Aug 15 and Oct 30**, after flowering and the start of fruit set.
- **50+ feet from the high water mark**, blackberry should be treated with a **1% v/v solution of Garlon 3A**.
- **Within 50 feet of the high water mark, a 1% v/v solution of aquatic labeled glyphosate** should be applied. **Within 15 feet**, the solution should be **hand-wicked/wiped** on blackberry canes, but it can be spot sprayed outside of the 15-foot buffer. The vast majority of required hand-wicking/wiping will be limited to a  $< 1/4$ -mile stretch of Isquulktpé Creek, where CTUIR staff will be cutting and piling blackberry in 2021.
- Herbicides and buffer widths are based on NEPA restrictions for BPA-funded projects.

**TASK 7:** Map locations sprayed (in UTM NAD 83, Zone 11 North) using tracklogs or points outlining boundaries of sprayed areas and provide electronic GPS files to CTUIR within 15 business days of application.

- Contractor shall meet with a CTUIR representative before treatments to ensure GPS data will be collected in a manner consistent with CTUIR needs.

**TASK 8:** Prepare and maintain herbicide application records using the attached CTUIR Weed Treatment Record form. Submit updated records and billing to CTUIR within 30 days of completion of application.

- Prepare and maintain herbicide application records using the attached CTUIR Weed Treatment Record form. At least one form must be filled out each day that treatments are applied. If the same tank mixture is used throughout the day, one form may be used. If different tank mixtures are used, separate forms must be used. Submit updated records and billing to CTUIR within 30 days of completion of each application phase.



Figure 1. 2021 weed treatment task sites in the Isqúulktpe Creek Watershed

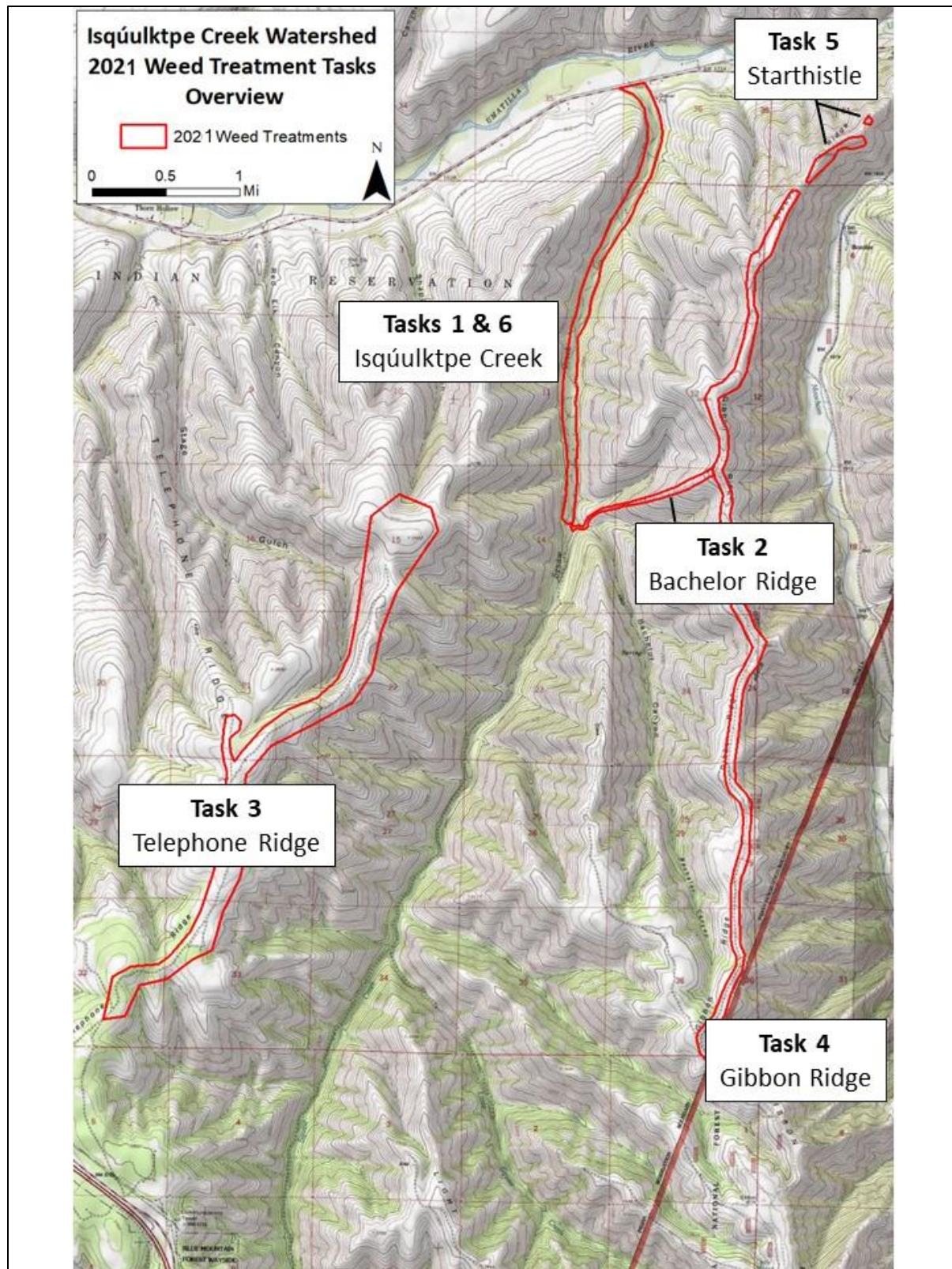
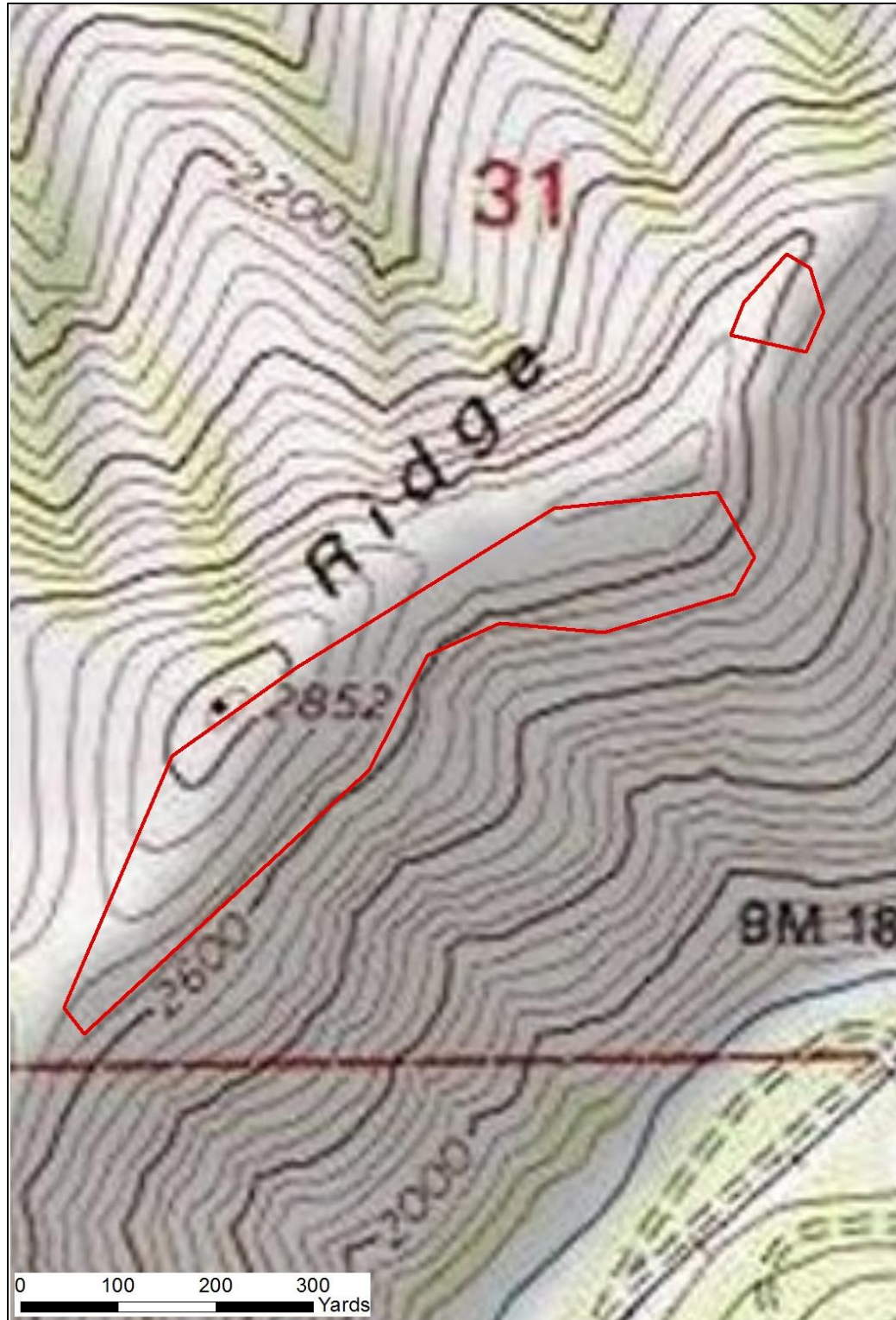


Figure 2. Task 5 treatment area: yellow starthistle spot treatment at the end of Gibbon Ridge





## BID SHEET

Proposal # **BPA Isqúultpe 21/IFB01**

Date: \_\_\_\_\_

Project Title/Number: **Weed Treatment at Isqúultpe Wildlife Area**

Task	Item	Unit Costs	Total Cost
1. Broadcast or spot spray noxious forbs along 3 miles of road and in 27 acres of floodplain along <b>Isqúultpe Creek</b> twice in 2021.	Personnel Services; Materials and Supplies	Lump Sum	
2. Spot spray noxious forbs along <b>Bachelor Canyon</b> ATV track once between 1 May and 15 Jun.	Personnel Services; Materials and Supplies	Lump Sum	
3. Spot or broadcast spray 8 acres of sulfur cinquefoil rosettes on <b>Telephone Ridge and east fork of Telephone Ridge</b> once between 1 May and 15 Jun.	Personnel Services; Materials and Supplies	Lump Sum	
4. Spot spray diffuse knapweed, St. Johnswort, Bachelor's button, and yellow starthistle on <b>Gibbon Ridge</b> once in 2021.	Personnel Services; Materials and Supplies	Lump Sum	
5. Spot spray 20-acre site with patches of yellow starthistle at the end of <b>Gibbon Ridge</b> trail in early-mid summer 2021 using backpack sprayers or pack animals.	Personnel Services; Materials and Supplies	Lump Sum	
6. Spray resprouting blackberry along 3 miles of road and in 27 acres of floodplain along <b>Isqúultpe Creek</b> in fall 2021.	Personnel Services; Materials and Supplies	Lump Sum	
7. and 8. GPS mapping and reporting	Personnel Services; Materials and Supplies	Lump Sum	
<b>Total Aggregate Price</b>			

Name of Firm: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

Title: \_\_\_\_\_

Price Valid for \_\_\_\_\_ days



Conditions that may make this bid invalid:

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CTUIR WEED TREATMENT RECORD										
Project Name:								Site ID:		
Date of Application:			Treatment Location:							
Time:			Tracklog/shapefile ID(s): OR UTM East:                      UTM North:                      Datum:							
From                      a.m.   p.m. To                      a.m.   p.m.										
Total Hrs:		# People:								
WEATHER		Sky Condition (circle): Clear   Partly Cloudy   Overcast   Showers						Temp (F):		
Wind Speed mph (circle):		No Wind (0-1)                      Breeze (2-5)                      Gusty (5-8)				Humidity: High   Med   Low				
TARGET WEEDS		Species		Distribution (circle)				Phenology (circle)		
Weed 1				Few plants   Scattered plants   Dense patch   Infestation				Seedling   Rosette   Bolting   Bud Flowering   Seed set   Mature   Dead		
Weed 2				Few plants   Scattered plants   Dense patch   Infestation				Seedling   Rosette   Bolting   Bud Flowering   Seed set   Mature   Dead		
Weed 3				Few plants   Scattered plants   Dense patch   Infestation				Seedling   Rosette   Bolting   Bud Flowering   Seed set   Mature   Dead		
Weed 4				Few plants   Scattered plants   Dense patch   Infestation				Seedling   Rosette   Bolting   Bud Flowering   Seed set   Mature   Dead		
CHEMICAL TREATMENT		Name(s) and License #(s) of person(s) who applied or supervised the application of pesticides (Indicate O=Operator, A= Applicator, T=Trainee):								
Spot Application Yes / No										
Solution 1	Full Product Name (incl. formulation type and manufacturer) or EPA #				Rate/Acre (oz)		Total chemical used (oz)			
Solution 2										
Solution 3										
Additive 1	Name:				Rate/acre (oz):		Total chemical used (oz):			
Additive 2	Name:				Rate/acre (oz):		Total chemical used (oz):			
Additive 3	Name:				Rate/acre (oz):		Total chemical used (oz):			
Additive 4	Name:				Rate/acre (oz):		Total chemical used (oz):			
Net acres treated (# each)		Upland:			Riparian*:					
Total sol. used (gal):					Equip. application rate (gal/acre):					
Application Equipment (# each)		ATV:		Booms:		Broadjet:		Backpack:		
								Spray bottle:		
Chemical Supplier:										
MECHANICAL TREATMENT		Net acres treated:			# hours:			# people:		
Treatment type:										
NOTES:										

Common Name	Trade Name	Typical Application Rates (ai/ac)	Maximum Label Application Rate (ai/ac)	General Geographic Application Areas
2,4-D (amine )	Many	0.5 - 1.5 lbs.	4.0 lbs	Upland & Riparian
Aminopyralid	Milestone <sup>®</sup>	0.11 - 0.22 lbs	0.375 lb	Upland & Riparian
Chlorsulfuron	Telar <sup>®</sup>	0.25 - 1.33 oz	3.0 oz	Upland
Clethodim	Select <sup>®</sup>	0.125 – 0.5 lbs	0.50 lb	Upland
Clopyralid	Transline <sup>®</sup>	0.1 - 0.375 lbs	0.5 lb	Upland & Riparian
Dicamba	Banvel <sup>®</sup> only	0.25 - 7.0 lbs	8.0 lbs	Upland & Riparian
Glyphosate 1	Many	0.5 - 2.0 lbs	3.75 lbs	Upland & Riparian
Glyphosate 2	Many	0.5 - 2.0 lbs	3.75 lbs	Upland
Imazapic	Plateau <sup>®</sup>	0.063 – 0.189 lbs	0.189 lb	Upland & Riparian
Imazapyr	Arsenal <sup>®</sup> Habitat <sup>®</sup>	0.5 – 1.5 lbs.	1.5 lbs	Upland & Riparian
Metsulfuron methyl	Escort <sup>®</sup>	0.33 - 2.0 oz	4.0 oz	Upland
Picloram	Tordon <sup>®</sup>	0.125 - 0.50 lb	1 lb	Upland
Sethoxydim	Poast <sup>®</sup>	0.1875 – 0.375 lb	0.375 lb	Upland
Sulfometuron methyl	Oust <sup>®</sup>	0.023 - 0.38 oz	2.25 oz	Upland
Triclopyr (TEA)	Garlon 3A <sup>®</sup>	1.0 - 2.5 lbs	9.0 lbs	Upland & Riparian

**Table 1. Herbicides approved for use in Isquiltpe Creek Watershed. Additional restrictions on usage, such as riparian buffers, also apply. Details are available by request and can also be accessed at <https://www.bpa.gov/efw/Analysis/NEPADocuments/esa/2016HIPHFullHandbookVer4.1FINAL.pdf> (see pp. 79-85).**

Adjuvant Type	Trade Name	Labeled Mixing Rates per Gallon of Application Mix	General Geographic Application Areas
Colorants	Dynamark™ U.V. (red)	0.1 fl oz	Riparian
	Aquamark™ Blue	0.1 fl oz	Riparian
	Dynamark™ U.V. (blu)	0.5 fl oz	Upland
	Hi-Light® (blu)	0.5 fl oz	Upland
Surfactants	Activator 90®	0.16 – 0.64 fl oz	Upland
	Agri-Dex®	0.16 – 0.48 fl oz	Riparian
	Entry II®	0.16 – 0.64 fl oz	Upland
	Hasten®	0.16 – 0.48 fl oz	Riparian
	LI 700®	0.16 – 0.48 fl oz	Riparian
	R-11®	0.16 – 1.28 fl oz	Riparian
	Super Spread MSO®	0.16 – 0.32 fl oz	Riparian
	Syl-Tac®	0.16 – 0.48 fl oz	Upland
Drift Retardants	41-A®	0.03 – 0.06 fl oz	Riparian
	Valid®	0.16 fl oz	Upland

**Table 2. Adjuvants approved for use in Isqúulktpe Creek Watershed. Additional restrictions on usage, such as riparian buffers, also apply. Details will be provided to the selected contractor and are available by request. Details are available by request and can also be accessed at**

**<https://www.bpa.gov/efw/Analysis/NEPADocuments/esa/2016HIPHIFullHandbookVer4.1FINAL.pdf>**

**(see pp. 79-85).**