

From: [Fox, Trevor T](#)
To: [Pettibone, Andrew L](#); [Armitage, Stacy A](#); [Gilles, Benjamin M](#); [Kaczor, Nick](#)
Subject: Re: Grizzly Ridge Bison Ranch Map
Date: Tuesday, September 12, 2023 8:25:09 AM
Attachments: [GRBR Map Zoomed.pdf](#)
[Outlook-fr5kkcee.png](#)

Good morning, Andrew:

Thanks for turning this around quickly. Could you (and/or Linda) make a few adjustments to the map to make it a little easier to read and get the point across?

- The aerial photos are great, but the different shades of the coverage are a little distracting. Could you do a version with this aerial phot background and one with a different background layer (e.g., topo or hybrid map layer... whatever looks best)?
- The icons for the map crossings are a little difficult to pick out, could you adjust the size and potential color to better highlight?
- It is not clear what the red cross-hatching mean in the legend. I assume that is for bison pasture, but it isn't clear.
- It's not clear what the white arrow is from easement to the parcel with the dotted boundary is. Also, not sure what the dotted boundary line means.
- Mark the Canada boundary

Thanks for all the great work on this issue!

Trevor



Trevor Fox
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From: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Sent: Monday, September 11, 2023 11:31 AM
To: Armitage, Stacy A <stacy_armitage@fws.gov>; Fox, Trevor T <trevor_fox@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Grizzly Ridge Bison Ranch Map

Morning all,

Attached is a zoomed in version of the Grizzly Ridge Bison Ranch (GRBR) map that we received from Realty a couple weeks ago. Linda Moeder in realty shared the project file with me and I am now able to make tweaks to the map as needed. I've zoomed in as much as possible and still display the N/S reaches of the eased portion of the ranch. I'm not a cartographer and this map is very busy and difficult to display everything we are trying to communicate with this product. One must read the legend to begin to decipher this darn thing. If we or Matt need much beyond what's attached, I suggest we go back to Linda Moeder and ask for her assistance.

Also attached is a photo of the ranch's fence crossings that they use in Canada. This Canadian portion of the GRBR is under easement by TNC and TNC has approved the following fence crossing. Photo is attached as "TNC Canada Crossing GRBR". The crossing is 18" bottom and 48" top.

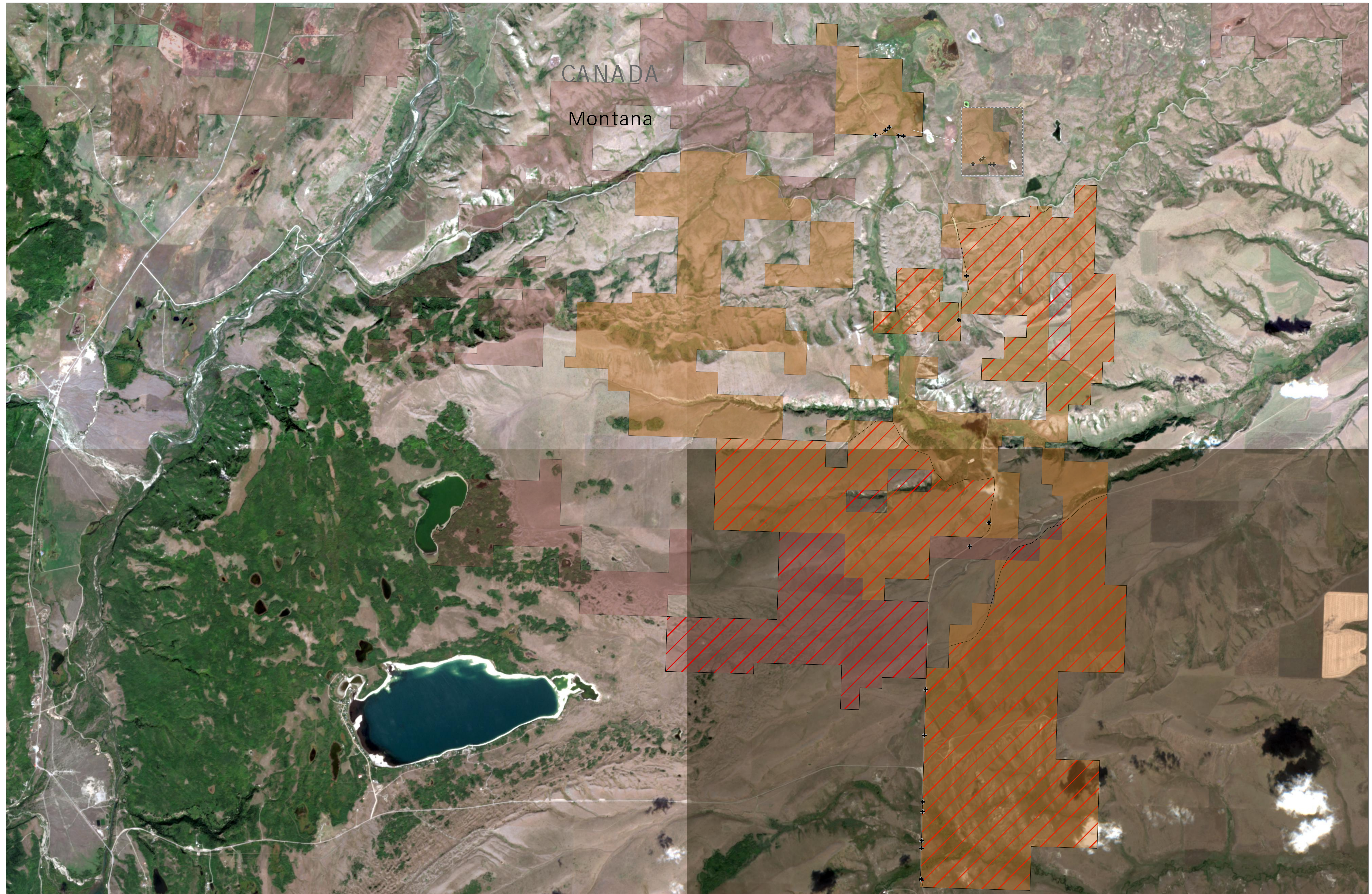
Hope this helps.

Thank you,

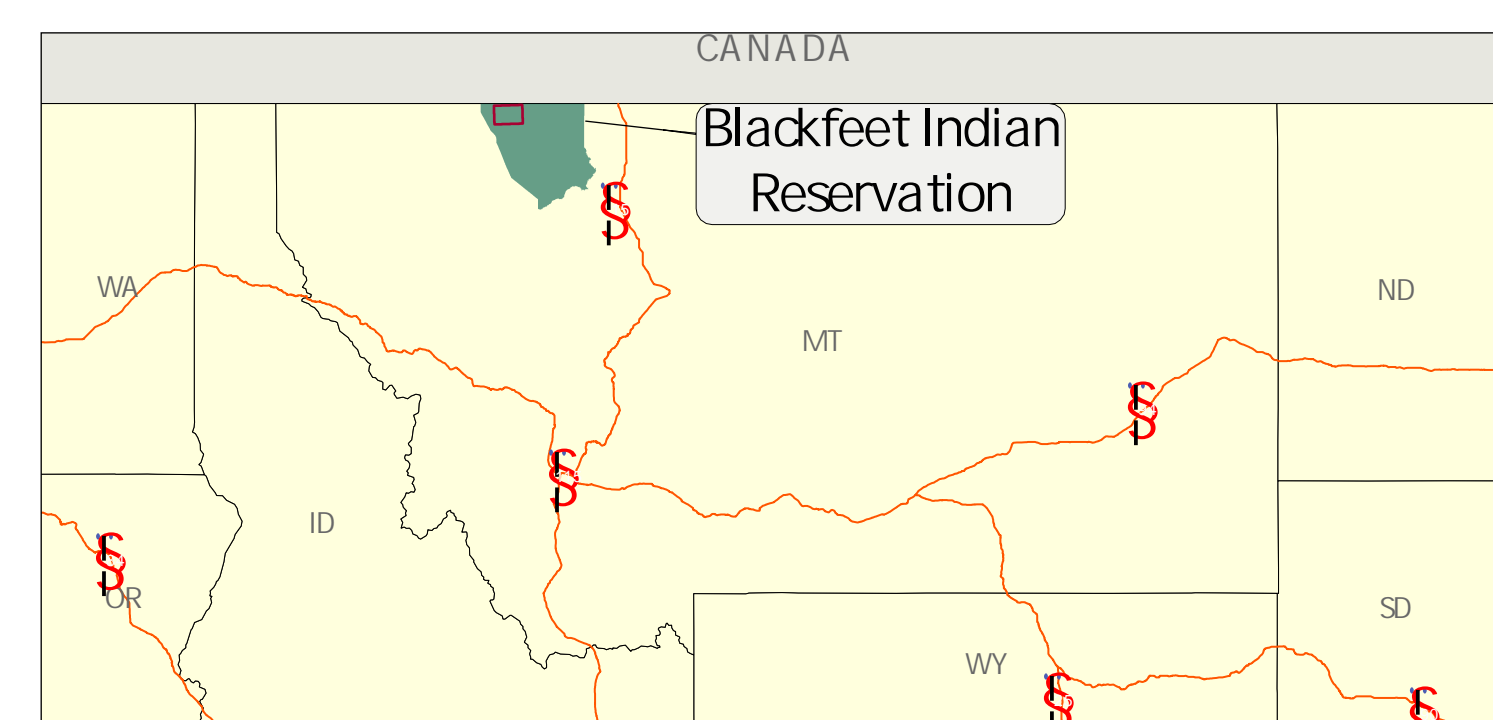
Andrew Pettibone
U.S. Fish and Wildlife Service
Wetland District Manager
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U.S. Fish & Wildlife Service
Grizzly Ridge Bison Ranch Easement
Glacier county, Montana



Produced in the Division of Realty
Lakewood, CO
Land Status Current To: 8/12/2023
Map Date: 9/11/2023
Project on: UTM Zone 12 - NAD 1983
Product on Software: ArcGIS Pro v3.1.2



Legend

- Modified Fence Crossings
- Grizzly Ridge Bison Ranch Easement Boundary
- Existing Bison Fence
- Existing Bison Fence Line
- Grizzly Ridge Bison Ranch
- Grizzly Ridge Bison Ranch
- dtl_st
- Sentinel-2 Views
- Red: B4_Red
- Green: B3_Green
- Blue: B2_Blue



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