

**CHECKLIST ENVIRONMENTAL ASSESSMENT**

<b>Project Name:</b>	<b>CRP Early Out Break Request</b>		
<b>Proposed Implementation Date:</b>	Spring 2015		
<b>Proponent:</b>	Lessee: Aageson Grain and Cattle Inc. and David Aageson		
<b>Location:</b>	Lease #4521, T36N 9E sec 1, S2	306.1 acres	
	Lease #4589 T36N 11E sec 20, W2	309.63 acres	
	Lease #5255 T37N 10E sec 16, S2, NE4	307.1 acres	
	Lease #5255 T37N 10E sec 21, all	589.2 acres	
<b>County:</b>	Hill County		
<b>Trust:</b>	Common Schools		

**I. TYPE AND PURPOSE OF ACTION**

The proponent is requesting permission to early out and break approximately 1512 acres of classified agland CRP on the State Land identified above for dryland small grain production. These acres may be reduced by CP25 plantings left in contract.

**II. PROJECT DEVELOPMENT****1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:**

*Provide a brief chronology of the scoping and ongoing involvement for this project.*

The Montana Department of Resources and Conservation/ Trust Lands Management Division (DNRC/TLMD) – Helena, MT and the Northeastern Land Office (NELO) Lewistown, USDA-FSA—Hill County Office, Havre, Lessee/s have involvement in this project. Montana Fish Wildlife and Parks has been scoped for species effects.

**2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:**

USDA-NRCS—Havre Field Office, Lessees must obtain an updated Conservation Plan to accommodate this renewed cropland acreage.

**3. ALTERNATIVES CONSIDERED:**

**Alternative A (No Action)** – Under this alternative, the DNRC **does not** allow the proponent to break these acres for dryland small grain production.

**Alternative B (the Proposed Action)** – Under this alternative, the DNRC **does** allow the proponent to break these acres for dryland small grain production.

### III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.*
- *Enter "NONE" If no impacts are identified or the resource is not present.*

#### 4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

*Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations. Identify any cumulative impacts to soils.*

The majority of the soils in the project area are class 3 soils, sandy, silty, loams. With the proponent utilizing a no-till crop fallow system the small acreage of class 4 soils qualify under the departments land breaking criteria.

Using proper conservation techniques no negative effects on the soil quality, stability or moisture are anticipated.

#### 5. WATER QUALITY, QUANTITY AND DISTRIBUTION:

*Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality. Identify cumulative effects to water resources.*

There are no important surface or groundwater resources in the project area. Any watercourse on the tract will remain in permanent cover with a minimum 50ft buffer zone.

No important groundwater resources are expected to be impacted.

No cumulative effects to the water resources are anticipated.

#### 6. AIR QUALITY:

*What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.*

Soil preparation and farm equipment have the potential to generate airborne dust. These activities will minimally affect air quality for a limited amount of time.

Using proper conservation techniques such as no-till practice no cumulative effects to air quality are anticipated.

#### 7. VEGETATION COVER, QUANTITY AND QUALITY:

*What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected. Identify cumulative effects to vegetation.*

The proposed break would eliminate the present CRP stand consisting of introduced grass species and alfalfa.

No rare plants or cover types are present.

**8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:**

*Consider substantial habitat values and use of the area by wildlife, birds or fish. Identify cumulative effects to fish and wildlife.*

Any resident wildlife or birds accustomed to this habitat will be redistributed. Some of these tracts are directly adjacent to the Lost River WMA. Any recreational aspects attributed to these acres will be significantly reduced. Section 16 and 21 are within General Sage Grouse habitat, there are no known leks for 20 miles.

A Scoping letter was sent to Montana Fish Wildlife and Parks for the habitat values and uses by wildlife.

Response as follows;

T36N R9E Section 1- This is a smaller parcel of CRP and the surrounding habitat is primarily in crop production. The breaking of this parcel is unlikely to have significant impacts to local wildlife populations

T36N R11E Section 20- This is a smaller parcel of CRP and the surrounding habitat is primarily in crop production. The breaking of this parcel is unlikely to have significant impacts to local wildlife populations

T37N 10E Section 16- This parcel is located adjacent to a large block of contiguous native habitat and CRP and the Milk River. This is a larger parcel located adjacent to larger tracts of public land and has good public access. The parcel provides reasonable hunting opportunity for upland game birds and deer. The size and location of this parcel indicate increased potential for impacts to local wildlife populations. Based on past visits to this site, the vegetative community of this CRP was dominated by crested wheatgrass, which would suggest that the value of this parcel and any impacts from its loss would be greatly reduced.

T37N R 10E Section 21- This parcel is located adjacent to a large block of contiguous native habitat and CRP and the Milk River. This parcel is located adjacent to large tracts of public land and has good public access and provides reasonable hunting opportunity for upland game birds and deer. The size and location of this parcel indicate increased potential for impacts to local wildlife populations. Based on past visits to this site, the vegetative community of this CRP was dominated by crested wheatgrass, which would suggest that the value of this parcel and any impacts from its loss would be greatly reduced. There is a small draw located on the property. The draw and a small amount of habitat on either side of this draw appear to still be primarily native vegetation. FWP would recommend not breaking any areas with a native habitat component still present and maintaining a minimum 50-ft vegetative buffer from the edge of this draw in areas where native habitat is not present.

No aquatic habitat exists in the project area or in the adjacency therefore there will be no effect to aquatic life.

**9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:**

*Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands. Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat.*

Greater Sage Grouse, Burrowing Owl, Brewers Sparrow, Bairds Sparrow, and Swift Fox are listed as species of concern in these townships.

Section 16 and 21 are within General Sage Grouse habitat, there are no known leks identified within 20 miles. The cumulative effects of the proposed break would be the removal of perennial habitat and the dispersal of any resident species.

**10. HISTORICAL AND ARCHAEOLOGICAL SITES:**

*Identify and determine effects to historical, archaeological or paleontological resources.*

There are no archaeological, historical or paleontological resources present. This all previously farmed land.

**11. AESTHETICS:**

*Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.*

The proposed CRP Break is not located on a prominent topographic feature.

This tract of state land does not provide any unique scenic qualities.

The proposed activity will be conducted in a remote area, so there would be no change to the aesthetics in either alternative.

**12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:**

*Determine the amount of limited resources the project would require. Identify other activities nearby that the project would affect. Identify cumulative effects to environmental resources.*

No demands on limited resources are required for this project.

No direct or cumulative effects to environmental resources are anticipated.

**13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:**

*List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency.*

There are no other known projects or plans being considered on the tracts listed on this EA.

<b>IV. IMPACTS ON THE HUMAN POPULATION</b>
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| <ul style="list-style-type: none"> <li>• <i>RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.</i></li> <li>• <i>Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.</i></li> <li>• <i>Enter "NONE" if no impacts are identified or the resource is not present.</i></li> </ul> |
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**14. HUMAN HEALTH AND SAFETY:**

*Identify any health and safety risks posed by the project.*

There is always some human safety risks associated with operating heavy machinery. The proponent and their employees accept these risks and will mitigate them as appropriate.

**15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:**

*Identify how the project would add to or alter these activities.*

The project will increase agriculture production on these tracts.

**16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:**

*Estimate the number of jobs the project would create, move or eliminate. Identify cumulative effects to the employment market.*

No jobs will be created.

There are no direct or cumulative effects to the employment market.

**17. LOCAL AND STATE TAX BASE AND TAX REVENUES:**

*Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.*

There are no direct or cumulative effects to taxes or revenue for the proposed project.

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**18. DEMAND FOR GOVERNMENT SERVICES:**

*Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services*

There will be no increases in traffic, no changes in traffic patterns, and no need for additional fire protection, or police services.

There will be no direct or cumulative effects on government services.

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**19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:**

*List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project.*

The Montana DNRC requires that the lessees must obtain an NRCS-Conservation Plan for this tract of land. Furthermore, in order to break the proposed acreage, the soils have to pass the strict requirements set by Montana DNRC's Land Breaking Policy. All soils within the project area have passed that criteria set by the policy.

Any watercourses will remain in permanent cover with an adequate buffer zone.

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**20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:**

*Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.*

Sections 16 and 21 are directly adjacent to the Lost River WMA. They currently provide upland bird and large game hunting opportunities in conjunction with the WMA.

The project would reduce the recreational potential on the tracts.

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**21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:**

*Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing*

The proposal does not include any changes to housing or developments.

No direct or cumulative effects to population or housing are anticipated.

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**22. SOCIAL STRUCTURES AND MORES:**

*Identify potential disruption of native or traditional lifestyles or communities.*

There are no native, unique or traditional lifestyles or communities in the vicinity that would be impacted by the proposal.

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**23. CULTURAL UNIQUENESS AND DIVERSITY:**

*How would the action affect any unique quality of the area?*

The proposed break will not affect any unique quality of the area.

**24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:**

*Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action.*

The action alternative would increase the return to the trust. Current CRP revenue is \$13.30 per acre per year until 2018. Under the proposed cash lease agreement contingent upon this environment assessment sections 16 and 21 would be at \$31.00 per acre/yr, and sections 1 and 20 would be \$35.00 per acre/yr.

<b>EA Checklist Prepared By:</b>	<b>Name:</b> Monte McNally
	<b>Title:</b> Land Use Specialist
<b>Signature:</b> /s/ Monte N. McNally	
<b>Date:</b> 1/12/2015	

**V. FINDING**

**25. ALTERNATIVE SELECTED:**

I have selected the **Alternative B (Proposed Action)**, and recommend that the DNRC **does** allow the proponent to early out and break the CRP on this tract as allowed by their conservation plan.

**26. SIGNIFICANCE OF POTENTIAL IMPACTS:**

No significant impact

**27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:**

EIS                     
  More Detailed EA                     
  No Further Analysis

<b>EA Checklist Approved By:</b>	<b>Name:</b> Clive Rooney <b>Title:</b> NELO Area Manager
<b>Signature:</b> s/Clive Rooney/s	<b>Date:</b> 02/09/15