

CHECKLIST ENVIRONMENTAL ASSESSMENT	
Project Name: Land breaking of former Conservation Reserve Program (CRP) acreage for conversion to dryland agriculture on State Lease No. 3932.	Proposed Implementation Date: Spring 2018
Proponent: Brian Halverson, Box 42, Scobey, MT 59263	
Type and Purpose of Action: Brian Halverson, the lessee of record on State lease 3932, has made a request for permission to break and farm approximately 136.5 acres of tame grass and alfalfa. This would result in a conversion from CRP acreage to dryland agriculture for the purpose of production of small grains or pulse crops. The acreage would be reclassified from CRP to dryland agriculture.	
Location: NW4 of Section 28, Township 34N, Range 44E	County: Daniels

I. PROJECT DEVELOPMENT	
1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED: Provide a brief chronology of the scoping and ongoing involvement for this project.	Brian Halverson contacted the Glasgow Unit Office and requested to farm 136.5(+/-) acres of tame grass and alfalfa formerly enrolled in CRP on Lease No. 3932. The request will be reviewed per Department of Natural Resources and Conservation land breaking criteria for all lands other than native sod.
2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:	The other government agencies that may have jurisdiction over this project are the United States Department of Agriculture (USDA) Farm Service Agency (FSA) and USDA Natural Resources and Conservation Service (NRCS).
3. ALTERNATIVES CONSIDERED:	<p>Action Alternative: Grant permission to the lessee/proponent to convert approximately 136.5 acres of former CRP acreage to dryland agriculture, for the production of small grains and pulse crops.</p> <p>No Action Alternative: Deny permission to the lessee to convert approximately 136.5 acres of former CRP acreage. Under this alternative, the land use</p>

would be classified as dryland hay.

II. IMPACTS ON THE PHYSICAL ENVIRONMENT

RESOURCE

POTENTIAL IMPACTS

4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE: Are fragile, compatible or unstable soils present? Are there unusual geologic features? Are there special reclamation considerations?

The soils within the area of impact are primarily Tally-Lihen sandy loam, with 1 to 8% slopes. These soils are suitable for the purpose of dryland agriculture. Additional soils meet breaking criteria set forth by the Department. The onsite inspection of the area of impact showed no salinity present in the topsoil profile.

Action Alternative: This project will permanently impact the soils that are currently producing tame grasses and alfalfa vegetation. The 136.5 acres requested to be converted will maintain current soil qualities and stability under proper dryland agriculture management. The lessee will mitigate impacts to the susceptibility of erosion and shallow depth to bedrock through management practices such as continuous cropping and chemical fallow. Areas of the tract deemed environmentally sensitive may be flagged by DNRC personnel to be left in permanent vegetative cover.

No Action Alternative: Under this alternative there will be no changes to soils on the School Trust land.

5. WATER QUALITY, QUANTITY AND DISTRIBUTION: Are important surface or groundwater resources present? Is there potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality?

No important surface or groundwater resources are present within the area of impact. The project would have no impact on water quality standards or water contaminants.

Action Alternative: The proposed conversion of the School Trust land would not impact the quality, quantity or distribution of water in the area, besides the moisture associated with

II. IMPACTS ON THE PHYSICAL ENVIRONMENT

	<p>the topsoil received from annual precipitation. The potential for increased runoff or erosion would be mitigated by management practices used by the lessee, including continuous cropping and chemical fallow.</p> <p>No Action Alternative: Under this alternative, there will be no impacts to water quality, quantity and distribution.</p>
<p>6. AIR QUALITY: Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I airshed)?</p>	<p>Action Alternative: This type of project on the School Trust land will have no impact on the air quality. Some dust may occur due to normal farming practices.</p> <p>No Action Alternative: Under this alternative there will be no impacts to air quality.</p>
<p>7. VEGETATION COVER, QUANTITY AND QUALITY: Will vegetative communities be permanently altered? Are any rare plants or cover types present?</p>	<p>The current vegetative community consists primarily of tame wheatgrasses and alfalfa, with some annual forbs. There are no rare plants or cover types present on this former CRP acreage.</p> <p>Action Alternative: The conversion of this land would permanently destroy the vegetative cover currently present.</p> <p>No Action Alternative: Under this alternative there will be no impact to the plant communities on the School Trust land. The vegetative community would remain as is.</p>
<p>8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS: Is there substantial use of the area by important wildlife, birds or fish?</p>	<p>The School Trust land provides a small amount of habitat for upland birds, mule deer and antelope.</p> <p>Action Alternative: Farming the land would result in the fragmentation of this habitat. Use of the area by wildlife would likely decrease slightly.</p> <p>No Action Alternative: Under this</p>

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
	<p>alternative, there will be no impact to the possible use of the School Trust land as wildlife habitat.</p>
<p>9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES: Are any federally listed threatened or endangered species or identified habitat present? Any wetlands? Sensitive Species or Species of special concern?</p>	<p>There are no animals listed by the State of Montana as a species of concern present in the area. There are no rare or sensitive plant species present. There are no wetlands or environmentally sensitive habitat within the area of impact.</p> <p>Action Alternative: There will be no impact to unique or limited environmental resources under this alternative.</p> <p>No Action Alternative: Under this alternative there will be no impacts to any unique, fragile or limited environmental resources in the area.</p>
<p>10. HISTORICAL AND ARCHAEOLOGICAL SITES: Are any historical, archaeological or paleontological resources present?</p>	<p>Action Alternative: The area of impact contains no historical, archaeological or paleontological resources.</p> <p>No Action Alternative: There will be no impact to historical or archaeological sites under this alternative.</p>
<p>11. AESTHETICS: Is the project on a prominent topographic feature? Will it be visible from populated or scenic areas? Will there be excessive noise or light?</p>	<p>The tract to be converted is within a half-mile of a county road, therefore, visible to the public. However, the general area already consists of dryland ag fields scattered amongst grazing and hay land, so this project will not alter the aesthetics of the area greatly.</p> <p>Action Alternative: The proposed land conversion will have minimal impact on the aesthetics of the area.</p> <p>No Action Alternative: Under this alternative there will be no impacts to aesthetics associated with the School Trust land.</p>
<p>12. DEMANDS ON ENVIRONMENTAL RESOURCES</p>	<p>Action Alternative: The proposed land</p>

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
<p>OF LAND, WATER, AIR OR ENERGY: Will the project use resources that are limited in the area? Are there other activities nearby that will affect the project?</p>	<p>breaking would place no additional demands on any environmental resources in the area. Nearby activities include grazing of livestock and dryland agriculture, and would not affect the project.</p> <p>No Action Alternative: Under this alternative there will be no additional demands placed on environmental resources of land, water, air or energy.</p>
<p>13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA: Are there other studies, plans or projects on this tract?</p>	<p>Action Alternative: This project will not impact any other plans or studies that Montana Department of Natural Resources and Conservation has on the School Trust land.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the plans or studies that Montana Department of Natural Resources and Conservation has on the School Trust land.</p>

III. IMPACTS ON THE HUMAN POPULATION	
RESOURCE	POTENTIAL IMPACTS AND MITIGATION MEASURES
<p>14. HUMAN HEALTH AND SAFETY: Will this project add to health and safety risks in the area?</p>	<p>Action Alternative: The conversion of this tract would result in a slight increase in risk to the operator during breaking operations, but in the long-term there will be no additional health and safety risks.</p> <p>No Action Alternative: Under this alternative there will be no impacts to human health or safety.</p>
<p>15. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION: Will the project add to or alter these activities?</p>	<p>Action Alternative: The project will enhance the potential for revenue to the trust on the tract, by allowing for the production of small grains and/or pulse crops. The rate of return on dryland agriculture is generally higher than grazing or hay land use.</p>

	<p>No Action Alternative: Under this alternative the land will be hayed and/or grazed for the foreseeable future, and returns to the trust would be expected to be lower than if the land were farmed.</p>
<p>16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT: Will the project create, move or eliminate jobs? If so, estimated number.</p>	<p>Action Alternative: The project will not create nor impact any jobs in the area.</p> <p>No Action Alternative: There will be no impacts to quantity and distribution of employment under this alternative.</p>
<p>17. LOCAL AND STATE TAX BASE AND TAX REVENUES: Will the project create or eliminate tax revenue?</p>	<p>Action Alternative: The project will have no impacts on the local and state tax base and tax revenues.</p> <p>No Action Alternative: There will be no impacts to the local and state tax base under this alternative.</p>
<p>18. DEMAND FOR GOVERNMENT SERVICES: Will substantial traffic be added to existing roads? Will other services (fire protection, police, schools, etc) be needed?</p>	<p>Action Alternative: This project will not add substantial traffic to nearby county roads. No additional demand for government services would be created.</p> <p>No Action Alternative: Under this alternative there will be no additional demand for government services.</p>
<p>19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS: Are there State, County, City, USFS, BLM, Tribal, etc. zoning or management plans in effect?</p>	<p>Action Alternative: The project will need to clear DNRC management plans before implementation.</p> <p>No Action Alternative: Under this type of alternative there will be no impacts on locally adopted environmental plans and goals.</p>
<p>20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES: Are wilderness or recreational areas nearby or accessed through this tract? Is there recreational potential within the tract?</p>	<p>There is fair potential for recreation within the tract and surrounding areas, due to ease of access from nearby county roads.</p> <p>Action Alternative: Breaking of this land would decrease the amount/quality of upland bird habitat in the area.</p>

25. ALTERNATIVE SELECTED:	Action alternative.
26. SIGNIFICANCE OF POTENTIAL IMPACTS:	No significant impacts anticipated.
27. Need for Further Environmental Analysis: <input type="checkbox"/> EIS <input type="checkbox"/> More Detailed EA <input checked="" type="checkbox"/> No Further Analysis	

EA Checklist Approved By: Matthew Poole Glasgow Unit Manager
Name Title

s/Matthew Poole\s Date: March 19, 2018
Signature