

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	US Border Patrol Image Detection Camera and Solar Panel
Proposed Implementation Date:	2025
Proponent:	US Border Patrol
Location:	T17N-R55E-Sec 26
County:	Dawson County

I. TYPE AND PURPOSE OF ACTION

The United States Border Patrol. (Henceforth referred to as proponent) has requested a land use license from the DNRC Eastern Land Office for the purpose of installing an image detection system and solar panel upon the tract of State Trust Land referenced above. The image detection system will consist of a camera approximately 5"x2.5"x7" and a solar panel 31"x18.5"x8". This system will assist local, state and federal law enforcement agencies with conducting investigations.

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 proponent has filed an application DS-401 for a land use license to place an image detection system and solar panel on the specific tract of State Trust Land mentioned above.

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

None

3. ALTERNATIVES CONSIDERED:

Alternative A: Issue a land use license for the proposed activity.

Alternative B: No Action

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.

Alternative A: No impact expected

Alternative B: No Impact

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.

Alternative A: No impact expected

Alternative B: No Impact

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.

Alternative A: No Impact Expected

Alternative B: No Impact

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.

Alternative A. No impacts expected

Alternative B: No Impact

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.

Alternative A: No impacts expected

Alternative B: No Impact

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.

Alternative A- A search of the Montana Natural Heritage Program Database has noted occurrences or observations of species of concern noted within the general project area (Stipek USGS 1:24 Quad). The project area is within the Yellowstone River drainage. No impact is expected due to the small scale of the project along the roadway.

Mammals - Little Brown Myotis (*Myotis lucifugus*) SOC
Mammals - Long-legged Myotis (*Myotis volans*) SOC
Mammals - Northern Hoary Bat (*Lasiurus cinereus*) SOC
Birds - American White Pelican (*Pelecanus erythrorhynchos*) SOC
Birds - Black-billed Cuckoo (*Coccyzus erythrophthalmus*) SOC
Birds - Bobolink (*Dolichonyx oryzivorus*) SOC
Birds - Brewer's Sparrow (*Spizella breweri*) SOC
Birds - Common Loon (*Gavia immer*) SOC
Birds - Golden Eagle (*Aquila chrysaetos*) SOC
Birds - Great Blue Heron (*Ardea herodias*) SOC
Birds - Greater Sage-Grouse (*Centrocercus urophasianus*) SOC
Birds - Least Tern (*Sternula antillarum*) SOC
Birds - Loggerhead Shrike (*Lanius ludovicianus*) SOC
Birds - Long-billed Curlew (*Numenius americanus*) SOC
Birds - Red-headed Woodpecker (*Melanerpes erythrocephalus*) SOC
Birds - Sharp-tailed Grouse (*Tympanuchus phasianellus*) SOC
Reptiles - Snapping Turtle (*Chelydra serpentina*) SOC
Reptiles - Spiny Softshell (*Apalone spinifera*) SOC
Reptiles - Western Milksnake (*Lampropeltis gentilis*) SOC
Amphibians - Northern Leopard Frog (*Lithobates pipiens*) SOC

This project is not located within general Sage Grouse General, Core or Connectivity Habitat. As such the project is exempt from consultation with the Montana Sage Grouse Habitat Conservation Program.

Alternative B: No Impact

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

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

Alternative A: No impacts expected

Alternative B: No Impact

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.

Alternative A: No significant impact is expected. The area of use is not visible from populated areas. It will be visible from a transportation route along the road.

Alternative B: No Impact

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.

Alternative A: No Significant Impact

Alternative B: No Impact

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.

Alternative A: No Impact

Alternative B: No Impact

<p>IV. IMPACTS ON THE HUMAN POPULATION</p>

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

Identify any health and safety risks posed by the project.

Alternative A: No significant impact expected.

Alternative B: No Impact

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

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

Alternative A: No impact is expected

Alternative B: No Impact

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.

Alternative A: No impact is expected

Alternative B: No Impact

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.

Alternative A: No Impact

Alternative B: No Impact

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

Alternative A: No Impact

Alternative B: No Impact

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.

Alternative A: No Impact

Alternative B: No Impact

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.

Alternative A: No Significant Impact

Alternative B: No Impact

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.

Alternative A: No Impact

Alternative B: No Impact

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

Alternative A: No Impact

Alternative B: No Impact

23. CULTURAL UNIQUENESS AND DIVERSITY:

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

Alternative A: No Impact

Alternative B: No Impact

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.

Alternative A: Placement of this image detection equipment would require the issuance of a 2-Year Land Use License, the price of which will be set at \$150.00 per 2-year term per image detection system location.

Alternative B: No Impact

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	Title: Land Use Specialist	

V. FINDING

25. ALTERNATIVE SELECTED:

Alternative A

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

No Further Analysis

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