

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	Right-of-Way for North Central Montana Regional Water Authority Core Water line
Proposed Implementation Date:	July 2026
Proponent:	North Central Montana Regional Water Authority
Location:	E2 Sec 16 T32N R15E
County:	Hill
Trust:	Common Schools

I. TYPE AND PURPOSE OF ACTION

The action would allow the applicant to construct a 24-inch core water line to provide safe and reliable drinking water to the Rocky Boy Reservation and surrounding counties, while ensuring that the use of state land is consistent with the Montana Department of Natural Resources and Conservation's trust responsibilities, existing land uses, and applicable management requirements.

The proposed disturbance would extend approximately 2,715.83 feet in length with a construction right-of-way width of 50 feet, resulting in a total disturbance area of approximately 3.12 acres.

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 Department of Natural Resources and Conservation (DNRC)
Northeastern Land Office (NELO) & Lewistown Unit Office
Proponent: North Central Montana Regional Water Authority
Surface Lessees: AG#1138 & AG#6605 Edward Ruff
Other: N/A

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

The DNRC has jurisdiction over the proposed project, which would be administered by the Northeastern Land Office (Lewistown Unit). The proponent is responsible for obtaining all necessary permits for the proposed project and for resolving any surface damage with the surface lessees.

3. ALTERNATIVES CONSIDERED:

Alternative A (No Action) – Under the No Action Alternative, the Department would not approve the requested Right-of-Way authorization, and the proposed installation of 24" core water line across state-owned land would not occur. Existing land uses and management practices would continue unchanged.

Alternative B (the Proposed Action) – The proposed action is the authorization of a right-of-way across state-owned land for the installation, operation, and maintenance of a 24-inch underground core water line.

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.

Soils within the project area, as identified through the Web Soil Survey, are rated as "somewhat limited" for shallow excavations due to soil texture, seasonal moisture, rock fragments, and possible dense subsurface layers. These conditions may affect trenching efficiency and excavation stability but are manageable with standard construction practices and best management measures. No conditions are present that would preclude installation of the proposed water line, and no long-term impacts to soil resources 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.

No perennial surface waters occur within the proposed disturbance area. Nearby surface water is limited to an ephemeral drainage within the agriculture field. Construction may cause short-term, localized increases in sediment or turbidity, especially near the drainage or during wet conditions. Using best management practices would reduce these effects. Because the project would disturb a small area within an already managed agricultural landscape, impacts on water quality and quantity are expected to be minimal. No long-term or significant impacts to surface or groundwater 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.

Short-term impacts to air quality would include minor dust and exhaust emissions from construction equipment. No long-term impacts on air quality are anticipated beyond short-term dust and exhaust emissions during construction. No significant cumulative impacts 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 project area consists of an agriculture land alongside a two-track road. Construction would temporarily remove or disturb vegetation along the ROW, including introduced species like crested wheat grass and alfalfa. Impacts would be localized and short-term, with vegetation expected to recover following reclamation and reseeding to preexisting agriculture conditions.

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.

The project area consists of dryland agriculture and other previously disturbed, managed lands. Construction may temporarily displace wildlife, but these effects would be localized and reversed after reclamation and reseeding to pre-project conditions. No surface waters are present within the disturbance area, so impacts to fish or aquatic habitat are not expected.

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.

The proposed pipeline will cross an existing, actively managed hay field consisting of previously disturbed soils under routine agricultural use. Review of available data and field observations identified no endangered species or unique, fragile, or limited environmental resources within the project area. Given these conditions, potential impacts are expected to be minimal.

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

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

A Class I (literature review) level review was conducted by the DNRC staff archaeologist for the area of potential effect (APE). This entailed inspection of project maps, DNRC's sites/site leads database, land use records, General Land Office Survey Plats, and control cards. The Class I search revealed that no cultural or paleontological resources have been identified in the APE. Because the ground has been cultivated, no additional archaeological investigative work will be conducted. However, if previously unknown cultural or paleontological materials are identified during project related activities, all work will cease until a professional assessment of such resources can be made.

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.

Construction may cause short-term visual changes, including equipment, trenching, and temporary soil disturbance, along with localized, temporary noise during the work period. Because the project is small and located in an existing agriculture setting, overall effects on visual quality are expected to be minimal, and no long-term visual or noise impacts are anticipated after reclamation and revegetation.

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.

The project is situated within an active agricultural field. Standard construction practices are expected to limit short-term impacts on soil, water, and air resources. Given the project's small scale and its location within a previously disturbed, actively managed agricultural setting, cumulative effects are anticipated to be negligible, with no significant or long-term impacts to land, water, air, or energy resources.

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.

No other environmental studies and planning documents relevant to the project area were identified.

IV. IMPACTS ON THE HUMAN POPULATION

- 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.

14. HUMAN HEALTH AND SAFETY:

Identify any health and safety risks posed by the project.

The completed underground water pipeline is not expected to pose a risk to public health or safety. No significant impacts on human health or safety are anticipated.

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

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

The project will not add to or deter from existing industrial, commercial, or agricultural activities in the area. No significant direct, indirect, or cumulative effects are anticipated.

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.

This project may result in minor, short term construction related employment and expenditures. However, no long term changes to the local or regional employment market are anticipated.

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.

No changes to tax revenue are expected. No significant direct, indirect, or cumulative impacts are expected.

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

The project will not increase traffic, school attendance, or need for additional fire or police services. No significant cumulative impacts are anticipated.

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.

No applicable zoning or management plans affect this project. No significant impacts are anticipated.

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.

Temporary, minor access disruptions may occur during construction but will be short-term. No significant impacts to recreation are anticipated.

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 project does not involve housing or population changes. No significant impacts are anticipated.

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

The project does not involve housing or population changes. No significant impacts are anticipated.

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

No native, unique, or traditional communities are present; no significant impacts are anticipated.

23. CULTURAL UNIQUENESS AND DIVERSITY:

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

No unique cultural, historical, or aesthetic qualities will be affected. No significant impacts are anticipated.

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 project will result in a one-time \$3,600.00 fee to Common Schools Trust. No significant cumulative economic or social impacts are anticipated.

V. FINDING

25. ALTERNATIVE SELECTED:

Alternative B (the Proposed Action) – The proposed action is the authorization of a right-of-way across state-owned land for the installation, operation, and maintenance of a 24-inch underground core water line.

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

Based on the analysis of the proposed action and alternatives, potential impacts to environmental resources are expected to be minor, localized, and temporary. Short-term effects may occur during construction, including temporary soil disturbance, vegetation removal, dust generation, and noise from equipment. These effects would be mitigated through standard construction practices, reclamation, and revegetation measures.

No perennial waters, unusual geologic features, or visually prominent landscapes would be affected. Air and water quality impacts would be minimal and short-term, and cumulative effects from existing or reasonably foreseeable activities in the area are expected to be negligible.


Given the limited scale of the project, the existing agriculture context of the site, and the mitigation measures proposed, the action is not expected to result in significant direct, indirect, or cumulative environmental impacts. Under the No Action Alternative, no environmental impacts would occur, and existing conditions would be maintained.

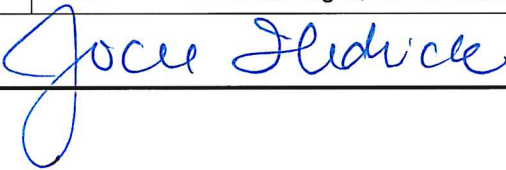
27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

EIS

More Detailed EA

No Further Analysis

EA Checklist Prepared By:	Name: Josh Stoychoff Title: Lewistown Unit Manager
Signature:	 Date: 4/23/26

EA Checklist Approved By:	Name: Jocee Hedrick Title: Area Manager, Northeastern Land Office
Signature:	 Date: 4/23/26

Appendix A: Soil Ratings

Table — Shallow Excavations — Summary by Rating Value			
Summary by Rating Value			
Rating	Acres in AOI	Percent of AOI	
Somewhat limited	27.0	100.0%	
Totals for Area of Interest	27.0	100.0%	

Appendix B: Reclamation Seed Mix

Species	% of Seed mix	Pounds PLS/ac
Western Wheatgrass	35	2.8
Slender wheatgrass	35	2.8
Bluebunch Wheatgrass	15	1.2
Green Needlegrass	10	0.8
Lewis flax or purple prairie clover	5	0.4

Appendix C: Species of Concern

Observed Species of Concern

MT	Species	Sort	Invasive	D	ELCODE	Common Name	Scientific Name	Habitat	Distribution	SO Co
SOC	Mammals	1			Occ: AMACC01010	Little Brown Myotis	Myotis lucifugus	Generalist	Resident Year Round	1

Potential Species of Concern

MT Status	Species	Sort	Invasive	D	ELCODE	Common Name	Scientific Name	Habitat	Distribution	Global R	MT Stat
SOC	Invertebra	6			Oth IHYM24260	American Bumble Bee	Bombus pennsylvanicus	Fields, farmland, gras	Resident Year Round	G3G4	S3
SOC	Mammals	1			Oth AMAJA03030	Swift Fox	Vulpes velox	Grasslands	Resident Year Round	G3	S3
SOC	Mammals	1			Oth AMAFB06010	Black-tailed Prairie Dog	Cynomys ludovicianus	Grasslands	Resident Year Round	G4	S3
SOC	Birds	2			Oth ABPBXA0010	Baird's Sparrow	Centronyx bairdii	Grasslands	Migratory Summer Br	G4	S3B
SOC	Birds	2			Oth ABPBM02060	Sprague's Pipit	Anthus spragueii	Grasslands	Migratory Summer Br	G3G4	S3B
PSOC	Birds	2			Oth ABNSB13040	Short-eared Owl	Asio flammeus	Grasslands	Resident Year Round	G5	S4
SOC	Birds	2			Oth ABNSB10010	Burrowing Owl	Athene cunicularia	Grasslands	Migratory Summer Br	G4	S3B
PSOC	Mammals	1			Oth AMABA01280	Prairie Shrew	Sorex haydeni	Grasslands	Resident Year Round	G5	S3S4
SOC	Birds	2			Oth ABPBXA6010	Thick-billed Longspur	Rhynchophanes mccownii	Grasslands	Migratory Summer Br	G4	S3B

Appendix D: Project Map

