

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	Gallatin River Pipeline (natural gas, sewer, fiber optic) Bore
Proposed Implementation Date:	August 2020
Proponent:	Northwestern Energy and Pfeil Acquisitions, LLC
Location:	Township 3 South, Range 4 East, Section 11
County:	Gallatin River
Trust:	Navigable Rivers

I. TYPE AND PURPOSE OF ACTION

The purpose of these easements is to provide a natural gas distributions pipeline (Northwestern Energy) and sewer and fiber optic lines (Pfeil Acquisitions, LLC) to property owned by Pfeil Acquisitions, LLC. The lines will be bored under the Gallatin River in this location.

II. PROJECT DEVELOPMENT

1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

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

Permit applications notices were filed by Northwestern Energy regarding the project, the DNRC received 17 letters and emails with comments in regard to this project. None were in support of the project.

A summary the comments are as follows:
Concern over development in the flood plain.
Commercial Development along the Gallatin River.
Potential for pollution.
Emergency access.

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

Gallatin Conservations District – 310 permit, considered but found to be outside of their mandate since the project didn't involve a stream bank disturbance. The Agency did require a contingency plan in case of a future disturbance.

Montana Department of Environmental Quality – Project approved March 5, 2020

Gallatin County Planning Department – Flood plain permits – Utilities 2 applications, Glamping Facility – awaiting approval

3. ALTERNATIVES CONSIDERED:

Action: Process the applications for utility Right of Way Easements.

No Action: Do not process the applications for utility Right of Way Easements.

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.

Action alternative – a bore will be placed under the Gallatin River. No surface disturbance will occur.

No actions alternative – no boring activity would take place, no change to current status.

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.

Action alternative – a bore will be placed under the Gallatin River. No surface disturbance will occur. Gallatin County Conservation District considers it outside of their scope due to lack of bank or surface disturbance but did require a contingency plan in case of scour.

No actions alternative – no boring activity would take place, no change to current status.

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.

No adverse effects would be expected with either alternative.

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.

Action alternative – a bore will be placed under the Gallatin River. No surface disturbance will occur on State Property.

No actions alternative – no boring activity would take place, no change to current status.

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.

Action alternative – a bore will be placed under the Gallatin River. With no surface disturbance no adverse effects would be expected.

No actions alternative – no boring activity would take place, no change to current status.

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 Wolverine, Grizzly Bear, Great Blue Heron, Westslope Cutthroat Trout, and Alberta Snowfly have been listed as species of concern by the Montana Natural Heritage Program. No adverse effect would be expected with either alternative.

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

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

No known historical or archaeological sites have been identified.

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.

Neither alternative will yield aesthetic changes.

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.

None.

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.

Gallatin County Conservation District required a contingency plan.

Montana Department of Environmental Quality approved the project March 5, 2020.

Gallatin County Planning is evaluating flood plan issues.

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.

Montana Department of Environmental Quality, jurisdiction.

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

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

Action Alternative – Provide services to the Pfeil Acquisitions, LLC property.

No Action Alternative – No new services would be provided to the Pfeil Acquisitions, LLC property.

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 effect with either alternative.

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 effect with either alternative.

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

No effect with either alternative.

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.

Gallatin County Planning Flood Plain Administration.

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.

No effect with either alternative.

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.

Outside of the scope of this analysis.

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

No effect with either alternative.

23. CULTURAL UNIQUENESS AND DIVERSITY:

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

No effect with either alternative.

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 value for each easement on this riverbed would be \$200.00 minimum for .17 acres of encumbrance returning \$200.00 to the permanent fund. The actual easement value will be based on 1/2 the value of an acre of land adjacent to the river.

EA Checklist Prepared By:	Name: Katie Baret	Date: 8/12/2020
	Title: Bozeman Unit Office Manager	

V. FINDING

25. ALTERNATIVE SELECTED:

Action: Process the application for utility Right of Way Easements.

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

I have determined that none of the anticipated environmental impacts outlined in the EA are significant according to the criteria outlined in ARM 36.2.524. I find that no impacts are regarded as severe, enduring, geographically widespread, or frequent. Further, I find that the quantity and quality of various resources, including any that may be considered unique or fragile, will not be adversely affected to a significant degree. I find no precedent for future actions that would cause significant impacts, and I find no conflict with local, State, or Federal laws, requirements, or formal plans. In summary, I find that the identified adverse impacts will be avoided, controlled, or mitigated by the design of the project to the extent that the impacts are not significant.

Numerous concerns were addressed in the comments that we received regarding this easement application. All of these comments addressed issues that are outside the scope of granting a utility easement and are addressed as part of other agencies jurisdiction.

Development in the flood plain, commercial development on the Gallatin River and emergency access are Gallatin County Issues. Potential pollution is the under the jurisdiction of MT DEQ.

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

EIS

More Detailed EA

No Further Analysis

EA Checklist Approved By:	Name: Craig Campbell Title: Bozeman Unit Manager
Signature: Craig Campbell/s/ 	Date: 9/10/2020

