CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	Sewer & Water Line Easement for Treatment Plant
Proposed Implementation Date:	March 31, 2020
Proponent:	City of Belgrade
Location:	SW ¼ Section 36 T1N R4E
County:	Gallatin
Trust:	Common Schools

I. TYPE AND PURPOSE OF ACTION

Easement required to provide Sewer & waterline upgrades to the new water treatment plant facility (See attached map).

II. PROJECT DEVELOPMENT

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

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

Bozeman Yellowstone International Airport – City of Belgrade is coordination with the Gallatin Airport Authority.

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

DNRC is not aware of any other jurisdictions or necessary permits.

3. ALTERNATIVES CONSIDERED:

No action – No sewer or waterline easement allowed.

Action - Allow sewer & water line easements as proposed.

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 are silty loam high in gravel deposited on a flat alluvial plain. No adverse effect expected.

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 effect on water would be expected.

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.

Air quality is good. No impacts to air quality are expected due to this easement.

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.

Disturbed areas will be rehabbed and reseeded.

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.

No additional impacts are expected as a result of this easement due to the limited scope of the disturbance.

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 Natural Heritage Program mapped the occurrence of Small Dropseed in that vicinity and classifies it as "at high risk because of extremely limited and/or rapidly declining numbers, range and/or habitat, making it highly vulnerable to extirpation in the state." This project should have no impacts on Small Dropseed due to the limited scope of disturbance.

10. **HISTORICAL AND ARCHAEOLOGICAL SITES:**
Identify and determine effects to historical, archaeological or paleontological resources.

No cultural resources have been identified in the project area.

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 sewer and water lines will be buried. Once reseeded will have no impact on aesthetics.

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 adverse effect expected.

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.

This tract has a number of encumbrances and improvements on it including; 2 county roads (Dry Creek & Penwell Bridge), an airport, a city of Belgrade sewer lagoon easement, an irrigation ditch, Airport "clear zones",

a railroad right-of-way & numerous land use licenses. This easement would be new easement for the City of Belgrade.

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.

Risks to health and human safety are not expected.

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:
Identify how the project would add to or alter these activities.

No adverse effect expected.

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.

The proposal would have no affect on quantity and distribution of employment

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.

This project would have no effect on the tax revenues.

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

This easement would allow an expansion of government services to a greater area.

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.

This tract is Zoned Public and Institutional lands by the city of Belgrade. The City of Belgrade is the proponent.

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.

This project will have no effect on recreational activities.

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.

This easement would extend City of Belgrade sewer services to future developments.

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

No disruption or affect on communities should be expected.

23. CULTURAL UNIQUENESS AND DIVERSITY:

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

The City of Belgrade is an urban environment expanding within its boundaries. This project would not affect the 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.

Currently this parcel is unleased. These easements would encumber 3.065 acres and return a one-time fee of to the permanent fund for the Common Schools Trust.

EA Checklist Prepared By:	**Name:**	Craig Campbell	**Date:**	2/6/2020
	Title:	Bozeman Unit Manager		

V. FINDING

25. ALTERNATIVE SELECTED:

Action - Allow sewer & water line easements as proposed.

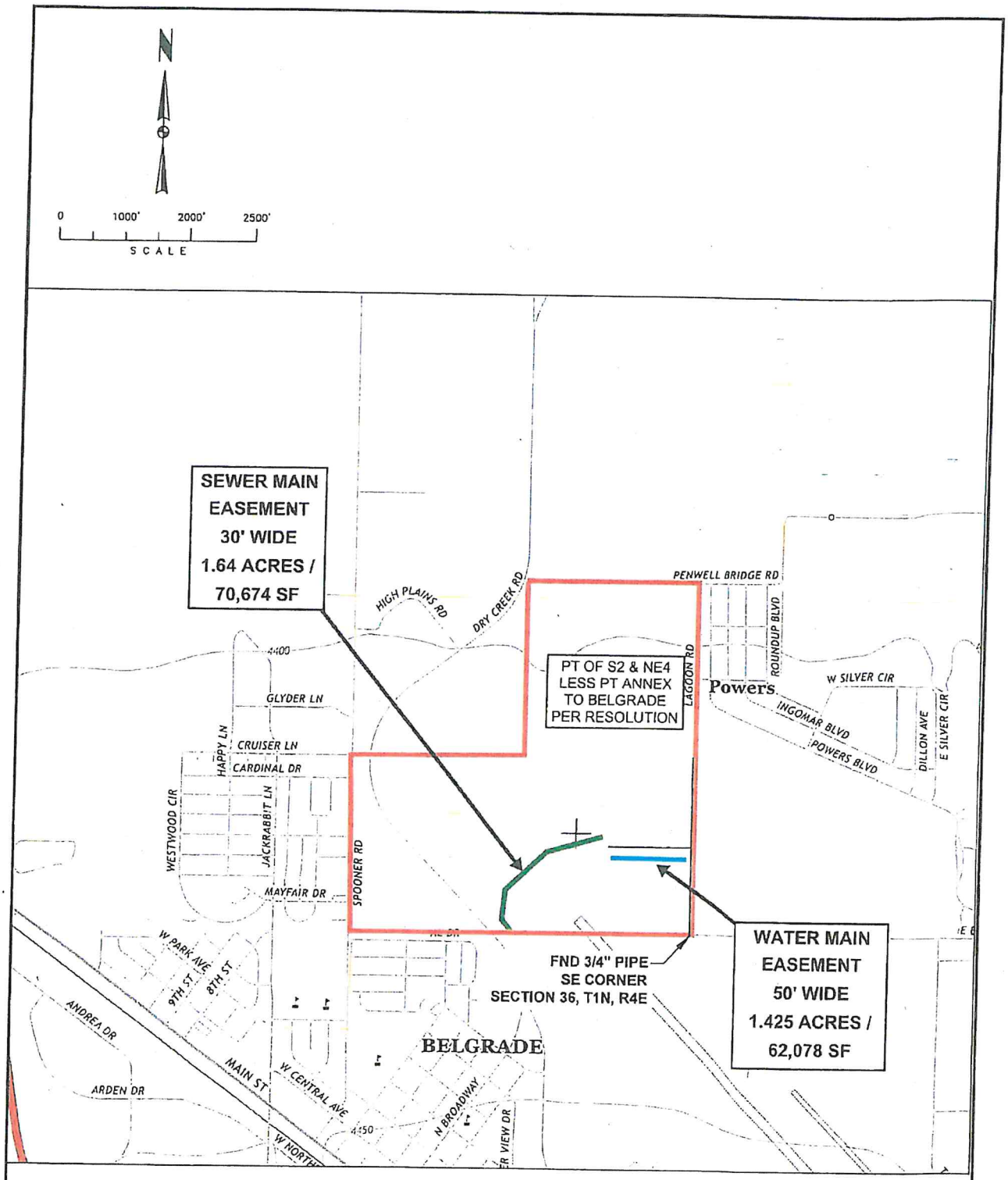
26. SIGNIFICANCE OF POTENTIAL IMPACTS:

I have determined none of the anticipated environmental impacts outlined in the EA are significant according to the criteria outlined in *ARM 36.2.524*. I find no impacts are regarded as severe, enduring, geographically widespread, or frequent. Further, I find 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 the identified adverse impacts will be avoided, controlled, or mitigated by the design of the project to the extent the impacts are not significant.

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

[ ] EIS [ ] More Detailed EA [X] No Further Analysis

EA Checklist Approved By:	**Name:**	Andy Burgoyne		
	Title:	CLO Trust Lands Program Manager		
Signature:			**Date:**	2/6/2020



BELGRADE WASTEWATER TREATMENT FACILITY BELGRADE, MT	TD&H Engineering tdhengineering.com	DRAWN BY: RCB DESIGNED BY: RCB QUALITY CHECK: NCY DATE: 12/20/19 JOB NO. B18-082 B18-082 - EASEMENT QUAD MAP	EXHIBIT A
USGS QUAD MAP SECTION 36, T1N, R4E			1