

CHECKLIST ENVIRONMENTAL ASSESSMENT	
Project Name: Place a pipe in the Missouri River for water discharge.	Proposed Implementation Date: Spring 2015
Proponent: Gordon Oelkers (Mayor, Town of Culbertson) PO Box 351, Culbertson, Montana 59218	
Type and Purpose of Action: The Town of Culbertson has made a Land Use License Application to place an 8 inch water line 5 feet into the Missouri River for the purpose of dumping sewage pond water. The water line will transport water from new and old sewage ponds located south of the Town of Culbertson. The 8 inch pipe will be placed in the Missouri River 1.7 feet above river bed bottom	
Location: SE4SW4NW4, Section 5 Township 27 North Range 56 East	County: Roosevelt

I. PROJECT DEVELOPMENT	
1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED: Provide a brief chronology of the scoping and ongoing involvement for this project.	The Town of Culbertson hired WWC Engineering who in turn contacted the Department of Natural Resources and Conservation, Glasgow Unit Office. WWC Engineering made a Land Use License application to place an 8 inch pipeline in the Missouri River. The surface land owners have granted easements for this project. There may be other agencies that have involvement with this project that the writer of this document is not aware of.
2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:	Other government agencies that have jurisdiction for this type of project are Montana Fish Wildlife & Parks, Montana Department of Environmental Quality, Roosevelt County Conservation District, United States Army Corp. of Engineers, and Local Floodplain Administrator.
3. ALTERNATIVES CONSIDERED:	<p>Action Alternative: Grant a Land Use License to Town of Culbertson to place a sewage water pipeline in the Missouri River.</p> <p>No Action Alternative: Deny a Land Use License to Town of Culbertson to place a sewage water pipeline in the Missouri River.</p>

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II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
RESOURCE	POTENTIAL IMPACTS
<p>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?</p>	<p>Action Alternative: This type of project will not alter the soils in the Missouri River bed. The pipeline water discharge will not impact the Missouri River bed soils.</p> <p>No Action Alternative: Under this alternative, there will be no impacts to the soil in the Missouri River bed.</p>
<p>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?</p>	<p>Action Alternative: The project will move sewage water from new and existing sewage water ponds to the Missouri River. The water discharge will not impact water quality of the Missouri River. The mixing zone for the water discharge from the lagoons is 6,400 feet downstream from the water discharge point. The mixing zone will dissipate the non-significant nutrients and ammonia into the waters in the Missouri River, thereby creating no hazards to the water quality.</p> <p>No Action Alternative: Under this alternative, there will be no impacts to water quality, quantity or 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: The water pipeline will have no impacts to the air quality in or near the Missouri River.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the 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>Action Alternative: There is no vegetation involved with placing a discharge pipe in the Missouri River.</p>

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
	<p>No Action Alternative: Under this alternative there will be no impacts to any type of vegetative plant communities.</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>Action Alternative: The discharge of sewage lagoon water will not impact the fish or aquatic plant communities associated with the Missouri River.</p> <p>No Action Alternative: Under this alternative there would be no impacts to the fish or aquatic resources associated with the Missouri River.</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>Action Alternative: The area of impact contains no known unique, endangered, fragile or limited environmental resources. The various types of fish and waterfowl associated with the Missouri River will not be impacted by the sewage water discharge.</p> <p>No Action Alternative: Under this alternative there would be no impacts to the unique, endangered, fragile or limited environmental resources.</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 known historical or archaeological sites. The discharge area for the sewage water pipe is flowing water of the Missouri River.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the historical or archaeological sites.</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>Action Alternative: This type of project will have no impacts to the aesthetics associated with the Missouri River. The pipeline construction will be visible to the general public during the construction phase. The land portion of the sewage water pipeline will be buried upon completion. The pipeline in the Missouri River will be under the water and not visible to the public.</p> <p>No Action Alternative: Under this</p>

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
	alternative there will be no impacts to the aesthetics of the Missouri River.
12. DEMANDS ON ENVIRONMENTAL RESOURCES 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>Action Alternative: This type of project will place no demands on environmental resources of land, water, air, or energy.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the land, water air or energy.</p>
13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA: Are there other studies, plans or projects on this tract?	<p>Action Alternative: This type of project will have no impact to other studies, plans or projects. The writer of this document knows of no State of Montana or Federal Government studies, plans or projects that will be impacted by this project.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the other projects that may be occurring on the Missouri River.</p>

III. IMPACTS ON THE HUMAN POPULATION	
RESOURCE	POTENTIAL IMPACTS AND MITIGATION MEASURES
14. HUMAN HEALTH AND SAFETY: Will this project add to health and safety risks in the area?	<p>Action Alternative: The installation of a sewage water pipeline has various human health and safety risks. The risks are understood by the employer and employee as occupational hazards. The impacts will be mitigated by the use of professional employees in the pipeline construction business.</p> <p>No Action Alternative: There would be no impacts on human health and safety under this alternative.</p>
15. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION: Will the project add to or alter these activities?	Action Alternative: The project will have no impact to the current activities that may be occurring on the Missouri River. Agriculture water pumping activities from the Missouri River will continue to occur in the vicinity of the pipeline project.

	<p>No Action Alternative: There will be no impacts to the agriculture activities that are occurring on the Missouri River.</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 may create jobs for pipeline construction companies that will construct the sewage water pipeline.</p> <p>No Action Alternative: There would be no impacts to the employment of the area 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 may have impacts on the local and state tax base and tax revenues. The writer of this document is not aware of what types of taxable values can be placed on a sewage water pipeline.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the local and state tax base.</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: The project will place no additional demands for government services.</p> <p>No Action Alternative: There will be no demands for government services under this alternative.</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 have no impacts on environmental plans or goals on the Missouri River. The project has been approved by several State of Montana and Federal Governmental agencies.</p> <p>No Action Alternative: There will be no impacts to locally adopted environmental plans or goals under this alternative.</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>Action Alternative: The area of impact has some recreational values for fishing, waterfowl and bird watching, or boating on the Missouri River. The project will have no impacts on the recreational values of the surrounding lands.</p> <p>No Action Alternative: There would be</p>

	<p>no impacts to the recreational activities associated with the Missouri River under this alternative.</p>
<p>21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING: Will the project add to the population and require additional housing?</p>	<p>Action Alternative: The project will not impact the density and distribution of population and housing. The project will help the town of Culbertson with waste water sewage problems. The project will help the construction of new housing and building projects in the town of Culbertson.</p> <p>No Action Alternative: There would be no impacts to population and housing under this alternative.</p>
<p>22. SOCIAL STRUCTURES AND MORES: Is some disruption of native or traditional lifestyles or communities possible?</p>	<p>Action Alternative: The project will not disrupt the traditional lifestyles of the local community. The project will enhance local lifestyles for the town of Culbertson.</p> <p>No Action Alternative: Under this alternative there will be no impacts on local communities.</p>
<p>23. CULTURAL UNIQUENESS AND DIVERSITY: Will the action cause a shift in some unique quality of the area?</p>	<p>Action Alternative: The project will not impact the cultural uniqueness and diversity of the project area of the Missouri River.</p> <p>No Action Alternative: There would be no impacts to the cultural uniqueness and diversity of the Missouri River under this alternative.</p>
<p>24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:</p>	<p>Action Alternative: The installation of a sewage water pipeline will improve local economics in the town of Culbertson. The project will enhance the town's sewage water facilities and new sewage water lagoons that will be built. The local community may also supply products to the company that installs the water pipeline.</p> <p>No Action Alternative: There would be no impacts to economic circumstances of this area under this type of alternative.</p>

