

**Montana Department of Commerce  
Treasure State Endowment Program  
Environmental Assessment**

Lockwood Water and Sewer District Wastewater Preliminary Engineering Report Update

Lockwood, Montana

**Proposed Action:**

The proposed action consists of installing centralized sewer collection facilities in the Lockwood area identified as the Phase 3 Sewer Subdistrict. Until 2009, Lockwood was the largest unsewered community in Montana relying entirely on individual on-site wastewater treatment systems typically consisting of septic tanks and gravity drainfields. High nitrate levels in groundwater, failing on-site wastewater treatment systems, small residential lots with little to no area to install replacement on-site wastewater treatment systems, and business development in Lockwood limited by the required installation of expensive on-site wastewater treatment systems pointed to the need for a sewer system to serve the Lockwood community. With a “No Action” scenario, high groundwater nitrate levels and failing on-site wastewater treatment systems will continue to be a reality for the Phase 3 Sewer Subdistrict area property owners. In addition, there are human health and environmental health risks associated with not installing a sewer collection system. Groundwater will continue to degrade thereby creating health risks for any adjacent or downgradient property owners who use groundwater for domestic use. Nitrates in groundwater also have the potential to enter the surface waters of the Yellowstone River thereby elevating nitrates in the river and compromising the health of aquatic species.

With a City of Billings agreement to treat Lockwood’s wastewater in hand, the Lockwood Water and Sewer District (LWSD) embarked on the construction of a new sewer collection system with the Phase 1 Sewer Subdistrict projects in 2009. The Phase 1 projects constructed the backbone of the collection system by installing sewer trunk mains. These projects also primarily provided sewer service to the business and industrial areas of Lockwood. The Phase 2 project started in 2015 and branched out into residential areas of Lockwood located primarily west of Johnson Lane and south of Interstate 90 to serve residences on smaller lots. One subdivision area east of Johnson Lane and south of Interstate 90 was also provided with a sewer collection system.

The Phase 3 sewer collection system improvements will provide additional, mostly residential, areas with sewer service. The Phase 3 area is focused on residential areas east of Johnson Lane and south of Interstate 90, but also includes one residential area immediately southeast of the Old Hardin Road and Coburn Road intersection. The Phase 3 area east of Johnson Lane is bounded to the north by Interstate 90; to the east by the LWSD water and sewer service area boundary; to the south by newer subdivisions with large lots and relatively new on-site wastewater treatment systems; and to the west by Sleeper Lane, Starlight Circle, and Starlight Drive. The collector streets of Old Hardin Road and Becraft Lane bisect the larger Phase 3 area west of Johnson Lane. The area at Old Hardin Road and Coburn Road is roughly bisected by Rosebud Lane. The project area is located in Section 35 of Township 1N, Range 26E and in Sections 19, 20 29, and 30 of Township 1N, Range 27E of Yellowstone County.

The Phase 3 Sewer Subdistrict consists of residential areas and open undeveloped areas. The sewer collection improvements will consist of extending collection mains into residential areas, installing appurtenant manholes for maintenance, and stubbing out sewer services to property

lines for all properties to be served by the proposed sewer system. These sewer mains will collect sewage from residential areas and discharge to an existing sewer trunk main and existing collection main in Old Hardin Road constructed under previous phased sewer projects. The proposed action consists of two sewer projects (Alternative 2) to be constructed over the course of two grant funding cycles to maximize the financial assistance available to the Lockwood community for construction of the sewer collection improvements. The first project (3A) will be constructed in 2023 and the second project (3B) is anticipated to be constructed in 2025.

## UNIFORM ENVIRONMENTAL CHECKLIST

As the engineer that prepared the preliminary engineering report, I **Stephanie Seymanski, PE,**  
(print name of engineer)  
have reviewed the information presented in this checklist and believe that it accurately identifies the environmental resources in the area and the potential impacts that the project could have on those resources. In addition, the required state and federal agencies were provided with the required information about the project and requested to provide comments on the proposed public facility project. Their comments have been incorporated into and attached to the Preliminary Engineering Report.

Engineer's Signature: \_\_\_\_\_

Date: 5/20/2020

**Key Letter:** **N** – No Impact    **B** – Potentially Beneficial    **A** – Potentially Adverse  
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### PHYSICAL ENVIRONMENT

<u>Key</u> N	<p><b>1. Soil Suitability, Topographic and/or Geologic Constraints (e.g., soil slump, steep slopes, subsidence, seismic activity)</b></p> <p><i>Comments and Source of Information:</i></p> <p>Proposed improvements with the exception of the lift stations are located on sites previously disturbed during past construction of water facilities, streets, alleys, and other utilities. The lift station would be located on a subdivision lot already proposed for development. Topography is appropriate for gravity collection system improvements except in the areas between Old Hardin Road and Interstates 90 and 94 which need to be served by lift stations. There are no identified geologic constraints that would impact the proposed project.</p> <p>Source: 2020 LWSD Wastewater PER Update</p>
<u>Key</u> N	<p><b>2. Hazardous Facilities (e.g., power lines, EPA hazardous waste sites, acceptable distance from explosive and flammable hazards including chemical/petrochemical storage tanks, underground fuel storage tanks, and related facilities such as natural gas storage facilities &amp; propane storage tanks)</b></p> <p><i>Comments and Source of Information:</i></p> <p>There are no known hazardous waste sites or flammable hazards in the vicinity of the wastewater collection system improvements. However, there are above and below ground utilities in the vicinity of the improvements.</p> <p>Source: MDEQ online data mapper (<a href="http://svc.mt.gov/deq/wmaDST/default.aspx">http://svc.mt.gov/deq/wmaDST/default.aspx</a>)</p>
<u>Key</u> N	<p><b>3. Effects of Project on Surrounding Air Quality or Any Kind of Effects of Existing Air Quality on Project (e.g., dust, odors, emissions)</b></p>

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	<p><i>Comments and Source of Information:</i></p> <p>The proposed project area is not located in an Air Quality Nonattainment zone as determined by the Montana Department of Environmental Quality. The proposed project activities are unlikely to impact air quality within the project area outside of temporary dust generated in the immediate area of construction.</p> <p>The direct effects to air quality from the proposed project to Lockwood or Yellowstone County would be minimal as there would be no significant atmospheric emissions from the new facility. Air quality effects anticipated with this project may be temporary dust generated in the immediate area of construction. The contractor would be responsible for dust control throughout the duration of the proposed project to mitigate temporary impacts.</p> <p>Source: MDEQ (<a href="http://deq.mt.gov/Air/2017Air/Standards/airnonattainment">http://deq.mt.gov/Air/2017Air/Standards/airnonattainment</a>)</p>
<p><b>Key</b> <b>B, P</b></p>	<p><b>4. Groundwater Resources &amp; Aquifers (e.g., quantity, quality, distribution, depth to groundwater, sole source aquifers)</b></p> <p><i>Comments and Source of Information:</i></p> <p>This project will eliminate the need for additional on-site subsurface wastewater systems and ultimately lead to the removal of existing on-site subsurface wastewater systems consisting of septic tanks, drainfields, and other types of systems. Elimination and reduction of on-site subsurface wastewater systems will lead to the reduction and eventually elimination of the discharge of wastewater effluent and accumulations of nitrates, phosphates, and other deleterious pollutants in the local groundwater.</p> <p>The contractor may have to apply for Groundwater Dewatering permit for construction.</p> <p>Source: 2020 LWSD Wastewater PER Update</p>
<p><b>Key</b> <b>B</b></p>	<p><b>5. Surface Water/Water Quality, Quantity &amp; Distribution (e.g., streams, lakes, storm runoff, irrigation systems, canals)</b></p> <p><i>Comments and Source of Information:</i></p> <p>This project will eliminate the need for additional on-site subsurface wastewater systems and ultimately lead to the removal of existing on-site subsurface wastewater systems consisting of septic tanks, drainfields, and other types of systems. Elimination and reduction of on-site subsurface wastewater systems will lead to the reduction and eventually elimination of the discharge of wastewater effluent and accumulations of nitrates, phosphates, and other deleterious pollutants in the local groundwater. In turn, improving the local groundwater may also potentially benefit the downgradient Yellowstone River which has a connection to local groundwater.</p> <p>During proposed project implementation, Best Management Practices (BMPs) will be installed by the contractor in order to control erosion and sedimentation due to project related earth disturbance.</p> <p>Source: 2020 Wastewater PER Update</p>
<p><b>Key</b> <b>N</b></p>	<p><b>6. Floodplains &amp; Floodplain Management (Identify any floodplains within one mile of the boundary of the project.)</b></p>

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	<p><i>Comments and Source of Information:</i></p> <p>Unnamed Creek, Dry Creek, Yellowstone River, and their associated floodplains are located within 1 mile of the project boundary. However, collection system improvements will have no impact on these floodplains. The Montana Department of Natural Resources (DNRC), Army Corps of Engineers (ACOE), and Yellowstone County were contacted regarding floodplain requirements within one mile of the project boundary. The Corps of Engineers provided no comments. Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) are available for the Lockwood area. Based on correspondence with Yellowstone County, no floodplain permitting would be required for the project areas. No environmental consequences to the floodplain or floodwaters are anticipated as a result of the proposed project and no mitigation measures are required.</p> <p>Source: DNRC, Yellowstone County, FEMA Flood Insurance Rate Maps for Yellowstone County, MT Panels 1285, 1290, and 1295</p>
<p><b>Key</b> <b>N</b></p>	<p><b>7. Wetlands Protection (Identify any wetlands within one mile of the boundary of the project.)</b></p> <p><i>Comments and Source of Information:</i></p> <p>The Montana Natural Heritage Map Viewer was queried for wetlands within one mile of the project boundaries. Wetlands associated with the Yellowstone River system will not be impacted by the proposed project. Several wetland areas are identified within the project boundary, the majority of which are associated with the 60' Lift Canal and the 100' Lift Canal. It is not anticipated that these wetlands or any others will be impacted by the proposed project as the collection system will be primarily located within public rights-of-way consisting of streets and some alleys. Any crossings of the canals would occur under irrigation canal culverts already in place to cross these streets and alleys and would be completed by bore and jack as feasible. Thus it is not anticipated that any wetlands would be impacted.</p> <p>Source: Montana Natural Heritage Map Viewer (<a href="http://mtnhp.org/mapviewer/">http://mtnhp.org/mapviewer/</a>)</p>

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<p style="text-align: center;"><u>Key</u> <u>N</u></p>	<p><b>8. Agricultural Lands, Production, &amp; Farmland Protection (e.g., grazing, forestry, cropland, prime or unique agricultural lands) (Identify any prime or important farm ground or forest lands within one mile of the boundary of the project.)</b></p> <p><i>Comments and Source of Information:</i></p> <p>No prime farm ground or forest lands have been identified within one mile of the project boundary. The proposed collection system improvements will not impact farm grounds or forest land since the proposed construction will be restricted to areas previously disturbed or within a subdivision. The proposed project takes place primarily within public rights-of-way consisting of streets and alleys. The USDA Natural Resources Conservation Service (NRCS) was contacted and had no comments.</p> <p>Source: NRCS</p>
<p style="text-align: center;"><u>Key</u> <u>N</u></p>	<p><b>9. Vegetation &amp; Wildlife Species &amp; Habitats, Including Fish (e.g., terrestrial, avian and aquatic life and habitats)</b></p> <p><i>Comments and Source of Information:</i></p> <p>The majority of proposed collection system improvements will take place within previously disturbed areas. Due to the urban and developed area of which the improvements will take place, significant impacts to vegetation, wildlife species, and habitats (including fish) are not anticipated. The Montana Department of Fish, Wildlife and Parks (DFWP) and the United States Fish and Wildlife Service (USFWS) were notified about this project. DFWP did not respond and the USFWS had no comments.</p> <p>Source: USFWS</p>
<p style="text-align: center;"><u>Key</u> <u>N</u></p>	<p><b>10. Unique, Endangered, Fragile, or Limited Environmental Resources, Including Endangered Species (e.g., plants, fish, sage grouse, or other wildlife)</b></p> <p><i>Comments and Source of Information:</i></p> <p>The majority of proposed collection system improvements will take place within previously disturbed areas, streets, or alleys. Due to the urban and developed area where the improvements will take place, no unique, endangered, fragile or limited environmental resources or endangered species have been identified within the project area. According to the Montana Sage Grouse Habitat Conservation Map, the Lockwood community is not located with a Sage Grouse Executive Order (EO) area. The Montana DFWP and the USFWS were notified about this project. DFWP did not respond and the USFWS had no comments.</p> <p>Source: USFWS, Montana Natural Heritage Program (<a href="http://mtnhp.org/">http://mtnhp.org/</a>), Montana Sage Grouse Habitat Conservation Program (<a href="https://sagegrouse.mt.gov/">https://sagegrouse.mt.gov/</a>)</p>
<p style="text-align: center;"><b>Key</b></p>	<p><b>11.</b></p>

<div> <div>N</div> </div>	<p><b>Unique Natural Features (e.g., geologic features)</b></p> <p><i>Comments and Source of Information:</i></p> <p>No unique natural features have been identified within or near the proposed project areas. No impacts to unique natural features are anticipated to occur with the implementation of the proposed project.</p> <p>Source: Google Earth</p>
<div> <div>Key</div> <div>N</div> </div>	<p><b>12. Access to, and Quality of, Recreational &amp; Wilderness Activities, Public Lands and Waterways (including Federally Designated Wild &amp; Scenic Rivers), and Public Open Space</b></p> <p><i>Comments and Source of Information:</i></p> <p>Restriction of access to and reduction of quality of recreational and wilderness activities, public lands and waterways, and public open space is not anticipated to occur with the implementation of the proposed project.</p> <p>According to the National Wild and Scenic River Systems website, three federally designated Wild and Scenic rivers are located in the State of Montana. These include portions of the Flathead River, portions of the Missouri River, and portions of the East Rosebud Creek.</p> <p>There are no rivers designated Wild and Scenic located within Yellowstone County. There will be no impact to federally designated Wild and Scenic rivers as a result of the implementation of the proposed collection system improvements.</p> <p>Source: National Wild and Scenic Rivers System (<a href="https://www.rivers.gov/montana.php">https://www.rivers.gov/montana.php</a>)</p>
<b>HUMAN POPULATION</b>	
<div> <div>Key</div> <div>N</div> </div>	<p><b>1. Visual Quality – Coherence, Diversity, Compatibility of Use and Scale, Aesthetics</b></p> <p><i>Comments and Source of Information:</i></p> <p>Sewer collection system improvements will be constructed below ground and will not impact visual quality once construction is completed. Visible lift stations will be coordinated with surrounding architecture where applicable to blend in with the surrounding neighborhoods.</p>
<div> <div>Key</div> <div>N</div> </div>	<p><b>2. Nuisances (e.g., glare, fumes)</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed project is not anticipated to produce glare, fumes, or any other nuisances.</p>
<div> <div>Key</div> <div>N</div> </div>	<p><b>3. Noise -- suitable separation between noise sensitive activities (such as residential areas) and major noise sources (aircraft, highways &amp; railroads)</b></p> <p><i>Comments and Source of Information:</i></p> <p>Short-term and temporary noise will be created by construction activities. These short-term noise impacts will be mitigated by requiring the contractor to work during day-time hours only. No noises are anticipated following construction of the proposed improvements.</p>
<div> <div>Key</div> </div>	<p><b>4.</b></p>

<div>N</div>	<p><b>Historic Properties, Cultural, and Archaeological Resources</b></p> <p><i>Comments and Source of Information:</i></p> <p>The Montana State Historic Preservation Office (SHPO) was contacted for comment on the proposed project. A response from Damon Murdo, Cultural Records Manager, noted, in part: <i>“As long as this project will occur within previously disturbed ground and there will be no disturbance or alteration to structures over fifty years of age we feel that there is a low likelihood cultural properties will be impacted. We, therefore, feel that a recommendation for a cultural resource inventory is unwarranted at this time.”</i></p> <p>No significant impacts to historic properties, cultural, and archaeological resources are anticipated to occur with the implementation of the proposed project improvements.</p> <p>Source: SHPO</p>
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<p><u>Key</u> <u>N</u></p>	<p><b>5. Changes in Demographic (population) Characteristics (e.g., quantity, distribution, density)</b></p> <p><i>Comments and Source of Information:</i></p> <p>As Lockwood is an area where affordable housing is still a possibility, population may increase as a result of the project. Proposed improvements will not limit development within the community.</p>
<p><u>Key</u> <u>N</u></p>	<p><b>6. Environmental Justice – (Does the project avoid placing lower income households in areas where environmental degradation has occurred, such as adjacent to brownfield sites?)</b></p> <p><i>Comments and Source of Information:</i></p> <p>There is no known increase in environmental or public health risks to minority or low-income persons due to the improvements proposed. The proposed improvements are intended to improve services to the entire community and provide safe and sanitary services to all residential facilities connected to the sewer system. The proposed project would not displace farmland, residential, or commercial properties. No structures are present within the limits of the property; therefore, displacement of individuals, households, or the community would not occur as a result of the proposed project improvements. This project will be a positive outcome for the community and will not cause an environmental injustice.</p>
<p><u>Key</u> <u>B</u></p>	<p><b>7. General Housing Conditions - Quality, Quantity, Affordability</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed collection system improvements will improve housing conditions by allowing property owners to utilize areas previously occupied by and reserved for drainfields for other purposes. The quality of such housing will be improved, particularly if the existing drainfield is failing.</p>
<p><u>Key</u> <u>N</u></p>	<p><b>8. Displacement or Relocation of Businesses or Residents</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed collection system improvements will not cause a displacement or relocation of any businesses or residents, but will serve as a benefit to current and future residents.</p>
<p><u>Key</u> <u>B</u></p>	<p><b>9. Public Health and Safety</b></p> <p><i>Comments and Source of Information:</i></p> <p>Public health and safety will be improved by providing the Lockwood community with a public wastewater collection system and by the reduction of drainfields or on-site wastewater treatment systems.</p>
<p><u>Key</u> <u>N</u></p>	<p><b>10. Lead Based Paint and/or Asbestos</b></p>

	<p><i>Comments and Source of Information:</i></p> <p>There are no known lead-based paint or asbestos products associated with any of the proposed improvement products and no lead-based paint and/or asbestos are anticipated to be found as part of the project improvements.</p>
<p><u>Key</u> <u>B</u></p>	<p><b>11. Local Employment &amp; Income Patterns - Quantity and Distribution of Employment, Economic Impact</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed project will likely have a positive impact on the community during construction when construction workers utilize the commercial businesses located in Lockwood. Employment of local workers is also highly likely during the course of the project. It is anticipated that the project will have a temporary, but beneficial, impact on employment and the economy of Lockwood during construction.</p>
<p><u>Key</u> <u>B</u></p>	<p><b>12. Local &amp; State Tax Base &amp; Revenues</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed collection system improvements may benefit the local community and tax base by attracting residents to Lockwood.</p>
<p><u>Key</u> <u>B</u></p>	<p><b>13. Educational Facilities - Schools, Colleges, Universities</b></p> <p><i>Comments and Source of Information:</i></p> <p>The Lockwood Schools may be affected by this project as enrollment may increase with this project as a result of additional development with connection to a readily available sewer collection system. Lockwood is in the process of building a new high school. Thus, the school system can support additional students that may result from this project. This project is beneficial in that the tax base will increase to support the schools with possible additional development.</p>
<p><u>Key</u> <u>N</u></p>	<p><b>14. Commercial and Industrial Facilities - Production &amp; Activity, Growth or Decline</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed project improvements are not expected to result in growth or decline of commercial or industrial facilities based on existing zoning. Additionally, no change in production or activity in commercial or industrial facilities is anticipated to occur as a result of the proposed project improvements.</p>
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<p><u>Key</u> <u>N</u></p>	<p><b>15. Health Care – Medical Services</b></p> <p><i>Comments and Source of Information:</i></p> <p>No impacts to health care or medical services are anticipated to occur as a result of the implementation of the proposed collection system improvements.</p>
<p><u>Key</u></p>	<p><b>16. Social Services – Governmental Services (e.g., demand on)</b></p>

<u>N</u>	<p><i>Comments and Source of Information:</i></p> <p>No impacts (increase or decrease of demand) on social and governmental services are anticipated to occur as a result of the implementation of the proposed collection system improvements.</p>
<u>Key N</u>	<p><b>17. Social Structures &amp; Mores (Standards of Social Conduct/Social Conventions)</b></p> <p><i>Comments and Source of Information:</i></p> <p>No impacts to social structures or mores are anticipated to occur as a result of the implementation of the proposed collection system improvements.</p>
<u>Key B</u>	<p><b>18. Land Use Compatibility (e.g., growth, land use change, development activity, adjacent land uses and potential conflicts)</b></p> <p><i>Comments and Source of Information:</i></p> <p>Development activity and growth within the Lockwood community is anticipated to increase with the construction of the proposed collection system improvements.</p>
<u>Key N</u>	<p><b>19. Energy Resources - Consumption and Conservation</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed project activities will not pose an undue burden on energy resources within the community.</p>
<u>Key N</u>	<p><b>20. Solid Waste Management</b></p> <p><i>Comments and Source of Information:</i></p> <p>No impacts to solid waste management are anticipated to occur as a result of the implementation of the proposed improvement projects.</p>
<u>Key B, P</u>	<p><b>21. Wastewater Treatment - Sewage System</b></p> <p><i>Comments and Source of Information:</i></p> <p>The proposed project will have a beneficial impact by expanding central sewer collection facilities into unsewered residential areas of Lockwood with on-site wastewater treatment systems. Thus, previously installed trunk mains intended to serve Lockwood will experience greater wastewater flows for which they were designed as residents are able to connect to the sewer collection system. As the trunk mains receive more wastewater flows, the frequency of cleaning the trunk mains may decrease.</p> <p>Source: 2020 Wastewater PER Update</p>
<u>Key</u>	<p><b>22. Storm Water – Surface Drainage</b></p>

<p><u>N, P</u></p>	<p><i>Comments and Source of Information:</i></p> <p>If ground disturbance for the proposed project is equal to or greater than 1 acre, the contractor will obtain and comply with MDEQ's Stormwater Discharge Permit. This permit requires best management practices (BMPs) to be implemented to minimize sediment-laden runoff from reaching a water of the state, inspections of the BMPS, and rehabilitation of the area post construction. No significant impacts to storm water or surface drainage are anticipated as a result of the implementation of the proposed collection system improvements.</p>
<p><u>Key N</u></p>	<p><b>23. Community Water Supply</b></p> <p><i>Comments and Source of Information:</i></p> <p>A majority of the residents located in the project limits receive their water from the Lockwood Water and Sewer District, which owns and operates a water filtration and distribution system in the area. No impacts to the community water supply are anticipated as result of the proposed project.</p>
<p><u>Key N</u></p>	<p><b>24. Public Safety – Police</b></p> <p><i>Comments and Source of Information:</i></p> <p>Short-term delays in response resulting from detours may be encountered during construction. The Yellowstone County Sheriff's Department will be kept up to date on all traffic control plans for construction. Every effort to avoid delays will be made to alleviate delays in response time. No long-term impacts to public safety or police service are anticipated as a result of the proposed project.</p>
<p><u>Key N</u></p>	<p><b>25. Fire Protection – Hazards</b></p> <p><i>Comments and Source of Information:</i></p> <p>Short-term delays in response resulting from detours may be encountered during construction. The Lockwood Fire Department will be kept up to date on the all traffic control plans for construction. Every effort to avoid delays will be made to alleviate delays in response time. No long-term impacts to fire protection or other hazards are anticipated as a result of the proposed project.</p>

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<p><u>Key</u> <u>N</u></p>	<p><b>26. Emergency Medical Services</b></p> <p><i>Comments and Source of Information:</i></p> <p>Short-term delays in response resulting from detours may be encountered during construction. The Lockwood Fire Department will be kept up to date on the all traffic control plans for construction. Every effort to avoid delays will be made to alleviate delays in response time. No long-term impacts on emergency medical services are anticipated as a result of the proposed project.</p>
<p><u>Key</u> <u>N</u></p>	<p><b>27. Parks, Playgrounds, &amp; Open Space</b></p> <p><i>Comments and Source of Information:</i></p> <p>No impacts to parks, playgrounds, and open space are anticipated to occur as a result of the implementation of the proposed project improvements.</p>
<p><u>Key</u> <u>N</u></p>	<p><b>28. Cultural Facilities, Cultural Uniqueness &amp; Diversity</b></p> <p><i>Comments and Source of Information:</i></p> <p>No impacts to cultural facilities, cultural uniqueness and diversity are anticipated to occur as a result of the implementation of the proposed project improvements.</p>
<p><u>Key</u> <u>N, P</u></p>	<p><b>29. Transportation Networks and Traffic Flow Conflicts (e.g., rail; auto including local traffic; airport runway clear zones - avoidance of incompatible land use in airport runway clear zones)</b></p> <p><i>Comments and Source of Information:</i></p> <p>Short-term delays in traffic could occur during project construction; however, traffic control will be prepared, implemented, and adjusted as needed to reduce transportation delays as much as possible. After construction is completed, no impacts to transportation networks and traffic flow conflicts are anticipated to occur. The proposed project areas are not located within an airport runway clear zone, nor are there any issues with incompatible land use. It is anticipated that a right-of-way permits will be needed from Yellowstone County for work within County roads. If work is completed on private roads, sign-off from private resident may be required.</p> <p>Source: Yellowstone County</p>
<p><u>Key</u> <u>B</u></p>	<p><b>30. Consistency with Local Ordinances, Resolutions, or Plans (e.g., conformance with local comprehensive plans, zoning, or capital improvement plans)</b></p> <p><i>Comments and Source of Information:</i></p> <p>Recommended wastewater collection system improvements are consistent with the goals of the Lockwood community, local resolutions, and capital improvement plans.</p> <p>Source: 2020 PER Update</p>
<p><u>Key</u></p>	<p><b>31.</b></p>

<div>N</div>	<p><b>Is There a Regulatory Action on Private Property Rights as a Result of this Project? (consider options that reduce, minimize, or eliminate the regulation of private property rights.)</b></p> <p><i>Comments and Source of Information:</i></p> <p>There are no known regulatory actions anticipated on private property rights as a result of proposed project activities.</p>
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## Environmental Review Form

**On a separate piece of paper, please answer the following as they apply to your proposed project:**

**I. Alternatives:** Describe reasonable alternatives to the project.

The project is referred to as the Phase 3 Sewer Subdistrict Improvements Project. The following reasonable alternatives for collection system improvements were developed for this project:

**Alternative 1: One Project** – Alternative 1 consists of completing the Phase 3 collection system improvements as a single project. The main advantage of this alternative is the construction of Phase 3 collection system improvements in a single project.

**Alternative 2: Two Projects** – Alternative 2 consists of completing the Phase 3 collection system improvements in two phased projects. The advantage of completing the Phase 3 collection system improvements in two projects is the ability to obtain additional grant funding over two funding cycles instead of the one funding cycle allowed by Alternative 1.

**Alternative 3: Optimize the Number of Lift Stations** – This alternative consists of serving the area bounded by Tillamack Street, Horn Street, Interstate 90, and Old Hardin Road with one lift station instead of two. The advantage of this alternative is reduced future operation and maintenance costs for one lift station versus two lift stations.

**Alternative 4: Alternative Sewers** – Alternative 4 considers installing vacuum and pressure systems instead of gravity sewer mains, lift stations, and force mains. Alternative sewer systems come with higher construction and long-term maintenance costs.

**Alternative 5: Alley Construction** – Alternative 5 consists of installing sewer mains in alleys instead of in streets fronting residential properties. Alley restoration and traffic control costs can typically be less than for sewer mains installed in alleys versus streets. Advantages of sewer main installation in streets includes ease of access to manholes for future sewer maintenance and greater right-of-way widths available for construction of the sewer mains.

**Alternative 6: Move Trunk Main from Old Hardin Road to Driftwood** – This alternative evaluates relocating the proposed sewer trunk main originally planned for Old Hardin Road to Driftwood Lane between Palomino Place and Wade Drive. Reduced costs for street restoration and traffic control in the local Driftwood Lane instead of the collector consisting of Old Hardin Road would be recognized with this alternative.

2. **Mitigation:** Identify any enforceable measures necessary to reduce any impacts to an insignificant level.

The collection system improvements consisting of sewer main replacement would primarily occur within the public right-of-way of alleys and streets within Lockwood, the lift station improvements would occur on property owned or purchased by the Lockwood Water and Sewer District, and a sewer main or force main to connect two subdivision areas to be served by either one or two lift stations will either be located within an easement to be obtained by LWSD or on property purchased by LWSD. There are no enforceable measures necessary to reduce impacts to an insignificant level as the impacts are anticipated to be insignificant.

3. **Is an EA or Environmental Impact Statement (EIS) required?** Describe whether or not an EA or EIS is required and explain in detail why or why not.

The proposed action, Alternative 2, consists of installing new sanitary sewer collection mains and lift stations in the Phase 3 Sewer Subdistrict area in two projects over two grant funding cycles. This checklist Environmental Assessment evaluates both physical and human environmental resources present in the project vicinity and anticipated impacts to those resources. No potentially adverse impacts to the environmental resources in the Phase 3 immediate and adjacent areas have been identified. Short-term mitigation measures have been identified. An Environmental Assessment is appropriate for the proposed action and does not rise to the level of requiring an Environmental Impact Statement.

4. **Public Involvement:** Describe the process followed to involve the public in the proposed project and its potential environmental impacts. Identify the public meetings -- where and when -- the project was considered and discussed, and when the applicant approved the final environmental assessment.

A public meeting was held on Wednesday, September 12, 2018 at the Lockwood Fire Station Community Meeting Room located at 501 Johnson Lane in Lockwood to gather input and comments from the LWSD Board and residents regarding the LWSD Wastewater Preliminary Engineering Report Update. Recent sewer progress and success was reviewed at this public meeting along with outlining the purpose of the PER process, an overview of preliminary work, ranking criteria for future sewer service. This meeting was noticed in the Yellowstone County News on August 30, 2018 and September 6, 2018, as well as at the Lockwood Water and Sewer District Office. Documentation of this meeting is included in Appendix N.

Due to the COVID-19 pandemic and social distancing restrictions, a second public meeting has not been held as of this writing. A second public meeting will be held prior to the August 3, 2020 deadline set by TSEP and documentation of the meeting will be submitted by this date. At this meeting, it is anticipated that collection system improvements, implementation steps, user costs, and environmental considerations will

be presented. This environmental assessment will be made available to the public two weeks prior to the meeting and reviewed at the meeting. It is anticipated that the LWSD Board will consider review and approval of this environmental assessment by resolution at the second public meeting. Documentation of this meeting will be submitted as Appendix O to this PER.

5. **Person(s) Responsible for Preparing:** Identify the person(s) responsible for preparation of this checklist.

Stephanie Seymanski, PE, Project Engineer, Morrison-Maierle, Inc.

The Lockwood Water and Sewer District contracted with Morrison-Maierle on January 3, 2018 under Task Order No. 1 to the Master Agreement dated January 3, 2018 to prepare a draft Wastewater Preliminary Engineering Report Update. On January 8, 2020 under Task Order No. 2 to the Master Agreement dated January 3, 2018, the Lockwood Water and Sewer District contracted with Morrison-Maierle to finalize the Wastewater Preliminary Engineering Report Update. Included in the scope of services under Task Order No. 2 is completion of an Environmental Evaluation consisting of preparation of the Uniform Environmental Checklist, soliciting review comments from various agencies, and preparation of this checklist Environmental Assessment.

6. **Other Agencies:** List any state, local, or federal agencies that have over-lapping or additional jurisdiction or environmental review responsibility for the proposed action and the permits, licenses, and other authorizations required; and list any agencies or groups that were contacted or contributed information to this Environmental Assessment (EA).

The following federal, state, and local agencies have been notified of the proposed project:

Natural Resources Conservation Service (NRCS)  
U.S. Army Corps of Engineers (USACE)  
U.S. Fish and Wildlife Service (USFWS)

Montana Department of Environmental Quality (MDEQ)  
Montana Department of Natural Resources and Conservation (DNRC)  
Montana Fish, Wildlife and Parks (MFWP)  
State Historic Preservation Office (SHPO)

Yellowstone County

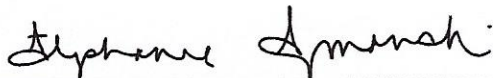
It is anticipated that two environmental permits will be needed for construction of the proposed wastewater improvements. These permits include:

- I. Stormwater Discharge Permit administered by the Montana Department of Environmental Quality (MDEQ).

2. Groundwater Dewatering Discharge Permit administered by MDEQ.

The following non-environmental permit(s) or authorization(s) will also be required:

1. MDEQ review and authorization of construction plans and specifications.
2. Right-of-way permit from Yellowstone County

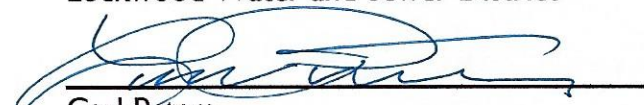


Stephanie Seymanski, PE  
Project Engineer, Morrison-Maierle, Inc.  
(1) Authorized Representative \*, Title

5/20/2020

Date

Lockwood Water and Sewer District

  
Carl Peters  
(2) Board President

Date:

5-28-20

\* If an authorized representative (1) completes the checklist and this form, a chief elected official (2) must also sign authorizing acceptance of the review process. Explanation or statement of how/why that representative was authorized should also be included.

Statement of Authorization:

The Lockwood Water and Sewer District contracted with Morrison-Maierle, Inc. on January 8, 2020 to complete a 2020 Lockwood Water and Sewer District Wastewater Preliminary Engineering Report (PER) Update for the Phase 3 Sewer Subdistrict. As part of the work to complete the PER Update, Morrison-Maierle is authorized to prepare the Environmental Checklist and TSEP Environmental Review process. Stephanie Seymanski, PE is a Project Engineer with Morrison-Maierle, Inc. and has completed this work including consulting with various environmental review agencies for input.

## **Agency Contact Letters and Website Consultations**

March 3, 2020

Matt Waite  
Department of Environmental Quality  
Permitting and Compliance Division  
Airport Industrial Park IP-9  
1371 Rimtop Dr.  
Billings, MT 59105-1978

RE: LWSD Wastewater Preliminary Engineering Report Update

Dear Matt:

The Lockwood Water and Sewer District has contracted with Morrison-Maierle, Inc. to complete a Wastewater Preliminary Engineering Report Update. The purpose of the report is to provide the Lockwood Water and Sewer District with the necessary information for making decisions regarding the future construction of the sanitary sewer facilities in the area identified on Exhibit A. This project is the third phase of the sanitary sewer collection improvements recommended in the 1998 Lockwood Water and Sewer District Facilities Plan report approved by the Montana Department of Environmental Quality on May 19, 1999. Since that time, two updates to this Facilities Plan dated May 2008 and April 2010 have been completed. A Basis of Design Report was completed in January 2009 which describes the sizing of the Phase 1 trunk mains to accommodate future phases.

Proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict area to continue providing wastewater collection facilities to the residential areas of the Lockwood community. The attached Exhibit A shows the area under consideration and the collection facilities anticipated for this area. In general, improvements are anticipated to be constructed in public streets and alleys. However, in select situations where there are other constraints or significant savings, an easement across private property may be required.

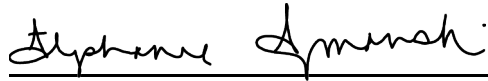
Your input on potential environmental considerations for this project will be included in grant applications being prepared for RRGL and TSEP; therefore, time is of the essence. If you do not have any comments regarding this plan, we would ask that you simply countersign this letter on page 2 and return the letter to Morrison-Maierle as soon as possible. Please forward any comments no later than March 24, 2020. If comments are not received by March 23<sup>rd</sup>, I will follow-up with a phone call and/or email. In lieu of mailing, the letter or a reply may also be emailed to the following email address: [sseymanski@m-m.net](mailto:sseymanski@m-m.net). Please contact me at this email address or (406) 237-1243 if you have any questions or need more information.

Thank you for your time and consideration.

*We create solutions that build better communities*

Sincerely,

MORRISON-MAIERLE, INC.



Stephanie Seymanski, PE

Encl: Exhibit A

The Department of Environmental Quality does not have any comments regarding the proposed infrastructure improvements for the Lockwood Water and Sewer District.

Montana Department of Environmental Quality

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(printed name)

March 3, 2020

Trevor Selch  
Department of Fish, Wildlife and Parks  
1420 E. 6<sup>th</sup> Avenue  
P.O. Box 200701  
Helena, MT 59601-0701

RE: LWSD Wastewater Preliminary Engineering Report Update

Dear Trevor:

The Lockwood Water and Sewer District has contracted with Morrison-Maierle, Inc. to complete a Wastewater Preliminary Engineering Report Update. The purpose of the report is to provide the Lockwood Water and Sewer District with the necessary information for making decisions regarding the future construction of the sanitary sewer facilities in the area identified on Exhibit A. This project is the third phase of the sanitary sewer collection improvements recommended in the 1998 Lockwood Water and Sewer District Facilities Plan report approved by the Montana Department of Environmental Quality on May 19, 1999. Since that time, two updates to this Facilities Plan dated May 2008 and April 2010 have been completed. A Basis of Design Report was completed in January 2009 which describes the sizing of the Phase 1 trunk mains to accommodate future phases.

Proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict area to continue providing wastewater collection facilities to the residential areas of the Lockwood community. The attached Exhibit A shows the area under consideration and the collection facilities anticipated for this area. In general, improvements are anticipated to be constructed in public streets and alleys. However, in select situations where there are other constraints or significant savings, an easement across private property may be required.

Your input on potential environmental considerations for this project will be included in grant applications being prepared for RRGL and TSEP; therefore, time is of the essence. If you do not have any comments regarding this plan, we would ask that you simply countersign this letter on page 2 and return the letter to Morrison-Maierle as soon as possible. Please forward any comments no later than March 24, 2020. If comments are not received by March 23<sup>rd</sup>, I will follow-up with a phone call and/or email. In lieu of mailing, the letter or a reply may also be emailed to the following email address: [sseymanski@m-m.net](mailto:sseymanski@m-m.net). Please contact me at this email address or (406) 237-1243 if you have any questions or need more information.

Thank you for your time and consideration.

*We create solutions that build better communities*

Sincerely,

MORRISON-MAIERLE, INC.



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Stephanie Seymanski, PE

Encl: Exhibit A

The Department of Fish, Wildlife and Parks does not have any comments regarding the proposed infrastructure improvements for the Lockwood Water and Sewer District.

Montana Department of Fish, Wildlife and Parks

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(signature)

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(printed name)

March 3, 2020

Mr. Sam Johnson, CFM  
Department of Natural Resources and Conservation  
Airport Industrial Park  
1371 Rintop Dr.  
Billings, MT 59105-1978

RE: LWSW Wastewater Preliminary Engineering Report Update

Dear Sam:

The Lockwood Water and Sewer District has contracted with Morrison-Maierle, Inc. to complete a Wastewater Preliminary Engineering Report Update. The purpose of the report is to provide the Lockwood Water and Sewer District with the necessary information for making decisions regarding the future construction of the sanitary sewer facilities in the area identified on Exhibit A. This project is the third phase of the sanitary sewer collection improvements recommended in the 1998 Lockwood Water and Sewer District Facilities Plan report approved by the Montana Department of Environmental Quality on May 19, 1999. Since that time, two updates to this Facilities Plan dated May 2008 and April 2010 have been completed. A Basis of Design Report was completed in January 2009 which describes the sizing of the Phase 1 trunk mains to accommodate future phases.

Proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict area to continue providing wastewater collection facilities to the residential areas of the Lockwood community. The attached Exhibit A shows the area under consideration and the collection facilities anticipated for this area. In general, improvements are anticipated to be constructed in public streets and alleys. However, in select situations where there are other constraints or significant savings, an easement across private property may be required.

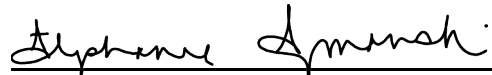
Your input on potential environmental considerations for this project will be included in grant applications being prepared for RRGL and TSEP; therefore, time is of the essence. If you do not have any comments regarding this plan, we would ask that you simply countersign this letter on page 2 and return the letter to Morrison-Maierle as soon as possible. Please forward any comments no later than March 24, 2020. If comments are not received by March 23<sup>rd</sup>, I will follow-up with a phone call and/or email. In lieu of mailing, the letter or a reply may also be emailed to the following email address: [sseymanski@m-m.net](mailto:sseymanski@m-m.net). Please contact me at this email address or (406) 237-1243 if you have any questions or need more information.

Thank you for your time and consideration.

*We create solutions that build better communities*

Sincerely,

MORRISON-MAIERLE, INC.



Stephanie Seymanski, PE

Encl: Exhibit A

The Department of Natural Resources and Conservation does not have any comments regarding the proposed infrastructure improvements for the Town of Winnett.

Montana Department of Natural Resources and Conservation

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(printed name)

March 3, 2020

Kale Gullett  
USDA Natural Resources Conservation Service  
10 E. Babcock St., Rm. 443  
Bozeman, MT 59715-4704

RE: LWSD Wastewater Preliminary Engineering Report Update

Dear Kale:

The Lockwood Water and Sewer District has contracted with Morrison-Maierle, Inc. to complete a Wastewater Preliminary Engineering Report Update. The purpose of the report is to provide the Lockwood Water and Sewer District with the necessary information for making decisions regarding the future construction of the sanitary sewer facilities in the area identified on Exhibit A. This project is the third phase of the sanitary sewer collection improvements recommended in the 1998 Lockwood Water and Sewer District Facilities Plan report approved by the Montana Department of Environmental Quality on May 19, 1999. Since that time, two updates to this Facilities Plan dated May 2008 and April 2010 have been completed. A Basis of Design Report was completed in January 2009 which describes the sizing of the Phase 1 trunk mains to accommodate future phases.

Proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict area to continue providing wastewater collection facilities to the residential areas of the Lockwood community. The attached Exhibit A shows the area under consideration and the collection facilities anticipated for this area. In general, improvements are anticipated to be constructed in public streets and alleys. However, in select situations where there are other constraints or significant savings, an easement across private property may be required.

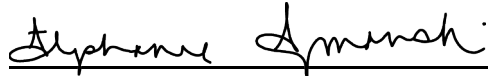
Your input on potential environmental considerations for this project will be included in grant applications being prepared for RRGL and TSEP; therefore, time is of the essence. If you do not have any comments regarding this plan, we would ask that you simply countersign this letter on page 2 and return the letter to Morrison-Maierle as soon as possible. Please forward any comments no later than March 24, 2020. If comments are not received by March 23<sup>rd</sup>, I will follow-up with a phone call and/or email. In lieu of mailing, the letter or a reply may also be emailed to the following email address: [sseymanski@m-m.net](mailto:sseymanski@m-m.net). Please contact me at this email address or (406) 237-1243 if you have any questions or need more information.

Thank you for your time and consideration.

*We create solutions that build better communities*

Sincerely,

MORRISON-MAIERLE, INC.



Stephanie Seymanski, PE

Encl: Exhibit A

The USDA Natural Resources Conservation Service does not have any comments regarding the proposed infrastructure improvements for the Town of Winnett.

USDA Natural Resources Conservation Service

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(signature)

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(printed name)

March 3, 2020

Damon Murdo  
Montana State Historical Preservation Office  
1301 E. Lockett  
P.O. Box 201202  
Helena, MT 59620

RE: LWSW Wastewater Preliminary Engineering Report Update

Dear Damon:

The Lockwood Water and Sewer District has contracted with Morrison-Maierle, Inc. to complete a Wastewater Preliminary Engineering Report Update. The purpose of the report is to provide the Lockwood Water and Sewer District with the necessary information for making decisions regarding the future construction of the sanitary sewer facilities in the area identified on Exhibit A. This project is the third phase of the sanitary sewer collection improvements recommended in the 1998 Lockwood Water and Sewer District Facilities Plan report approved by the Montana Department of Environmental Quality on May 19, 1999. Since that time, two updates to this Facilities Plan dated May 2008 and April 2010 have been completed. A Basis of Design Report was completed in January 2009 which describes the sizing of the Phase 1 trunk mains to accommodate future phases.

Proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict area to continue providing wastewater collection facilities to the residential areas of the Lockwood community. The attached Exhibit A shows the area under consideration and the collection facilities anticipated for this area. In general, improvements are anticipated to be constructed in public streets and alleys. However, in select situations where there are other constraints or significant savings, an easement across private property may be required.

Your input on potential environmental considerations for this project will be included in grant applications being prepared for RRGL and TSEP. Enclosed is a SHPO File Search Request Form. Please contact me at [sseymanski@m-m.net](mailto:sseymanski@m-m.net) or (406) 237-1243 if you have any questions or need more information.

Thank you for your time and consideration.

Sincerely,

MORRISON-MAIERLE



Stephanie Seymanski, PE

Encl: File Search Request Form, Exhibit A

**File Search Request Form**

Montana State Historic Preservation Office  
1301 E. Lockey, PO Box 201202  
Helena MT 59620

**SEND TO:**

Damon Murdo dmurdo@mt.gov (406) 444-7767

<b>Contact Name:</b>	Stephanie Seymanski		
<b>Organization:</b>	Morrison-Maierle		
<b>Address:</b>	315 N. 25th St., Ste. 102		
<b>City:</b>	Billings		
<b>State:</b>	MT	<b>Zip Code:</b>	59101
<b>Telephone:</b>	406-237-1243		
<b>Email:</b>	<a href="mailto:sseymanski@m-m.net">sseymanski@m-m.net</a>		

**Project Name:** Lockwood Water & Sewer District Wastewater Preliminary Engineering Report Update

**Project Description:** The 2020 PER is an update to the PER completed in 2010. The recommended project consists of providing sanitary sewer facilities consisting of trunk mains, collection mains, and lift stations to the unsewered residential areas in the Lockwood community as identified on Exhibit A.

**Land Use:** Public Right-of-Way **County:** Yellowstone

**Agency Involved:** RRGL, TSEP **Land Ownership:** Primarily Public R/W  
(Private,FWP,BLM)

**Project Area Location Information****File Search Fee Structure**

Township(N/S)	Range (E/W)	Section(s)
1 N	27 E	16, 19, 20, 21, 28, 29, 30, 31
1 N	26 E	26, 35, 36

\$25 / section

*Please complete this form and attach a map showing the proposed project location. Feel free to attach additional project information if available.*

*All fields must be completed in order to process your request.*

*All sections must be added up and entered in to the box below before a file search will take place.*

*An invoice will be sent with your file search results.*

Total Sections to be searched:	11
--------------------------------	----

Total amount to be paid to SHPO:	<b>\$275.00</b>
----------------------------------	-----------------

March 3, 2020

Todd Tillinger  
U.S. Army Corps of Engineers  
10 W. 15<sup>th</sup> St, Ste. 2200  
Helena, MT 59626

RE: LWSD Wastewater Preliminary Engineering Report Update

Dear Todd:

The Lockwood Water and Sewer District has contracted with Morrison-Maierle, Inc. to complete a Wastewater Preliminary Engineering Report Update. The purpose of the report is to provide the Lockwood Water and Sewer District with the necessary information for making decisions regarding the future construction of the sanitary sewer facilities in the area identified on Exhibit A. This project is the third phase of the sanitary sewer collection improvements recommended in the 1998 Lockwood Water and Sewer District Facilities Plan report approved by the Montana Department of Environmental Quality on May 19, 1999. Since that time, two updates to this Facilities Plan dated May 2008 and April 2010 have been completed. A Basis of Design Report was completed in January 2009 which describes the sizing of the Phase 1 trunk mains to accommodate future phases.

Proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict area to continue providing wastewater collection facilities to the residential areas of the Lockwood community. The attached Exhibit A shows the area under consideration and the collection facilities anticipated for this area. In general, improvements are anticipated to be constructed in public streets and alleys. However, in select situations where there are other constraints or significant savings, an easement across private property may be required.

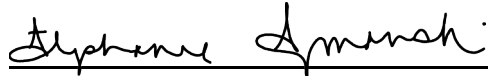
Your input on potential environmental considerations for this project will be included in grant applications being prepared for RRGL and TSEP; therefore, time is of the essence. If you do not have any comments regarding this plan, we would ask that you simply countersign this letter on page 2 and return the letter to Morrison-Maierle as soon as possible. Please forward any comments no later than March 24, 2020. If comments are not received by March 23<sup>rd</sup>, I will follow-up with a phone call and/or email. In lieu of mailing, the letter or a reply may also be emailed to the following email address: [sseymanski@m-m.net](mailto:sseymanski@m-m.net). Please contact me at this email address or (406) 237-1243 if you have any questions or need more information.

Thank you for your time and consideration.

*We create solutions that build better communities*

Sincerely,

MORRISON-MAIERLE, INC.



Stephanie Seymanski, PE

Encl: Exhibit A

The U.S. Army Corps of Engineers does not have any comments regarding the proposed infrastructure improvements for the Town of Winnett.

U.S. Army Corps of Engineers

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(signature)

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(printed name)

March 3, 2020

Jodi Bush  
U.S. Fish and Wildlife Service  
Ecological Services  
585 Shepard Way  
Helena, MT 59601

RE: LWSD Wastewater Preliminary Engineering Report Update

Dear Jodi:

The Lockwood Water and Sewer District has contracted with Morrison-Maierle, Inc. to complete a Wastewater Preliminary Engineering Report Update. The purpose of the report is to provide the Lockwood Water and Sewer District with the necessary information for making decisions regarding the future construction of the sanitary sewer facilities in the area identified on Exhibit A. This project is the third phase of the sanitary sewer collection improvements recommended in the 1998 Lockwood Water and Sewer District Facilities Plan report approved by the Montana Department of Environmental Quality on May 19, 1999. Since that time, two updates to this Facilities Plan dated May 2008 and April 2010 have been completed. A Basis of Design Report was completed in January 2009 which describes the sizing of the Phase 1 trunk mains to accommodate future phases.

Proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict area to continue providing wastewater collection facilities to the residential areas of the Lockwood community. The attached Exhibit A shows the area under consideration and the collection facilities anticipated for this area. In general, improvements are anticipated to be constructed in public streets and alleys. However, in select situations where there are other constraints or significant savings, an easement across private property may be required.

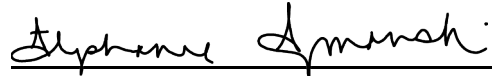
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Thank you for your time and consideration.

*We create solutions that build better communities*

Sincerely,

MORRISON-MAIERLE, INC.



Stephanie Seymanski, PE

Encl: Exhibit A

The U.S. Fish and Wildlife Service does not have any comments regarding the proposed infrastructure improvements for the Town of Winnett.

U.S. Fish and Wildlife Service

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(printed name)

## **Agency Responses**



**Stephanie Seymanski, PE**  
**Morrison Maierle**  
**315 North 25<sup>th</sup>, Suite 102**  
**Billings, MT 59101**

**March 4, 2020**

**Re: Proposed Wastewater System Improvements – Town of Winnett**      **EQ#**      **N/A**

Dear Ms. Seymanski:

The Department of Environmental Quality has received Morrison Maierle's March 3, 2020 letter and system map regarding the wastewater collection extension for the Lockwood Water and Sewer District. According to the information provided, the District is planning to extend sanitary sewer service to a previously unserved area within the District's boundaries. The Department offers the following comments regarding the proposed improvements:

- Public water supply system design, modifications, and improvements must meet the criteria of Administrative Rules of Montana Title 17, Chapter 38. Plans, specifications, and design reports for new or modified systems must be reviewed by the Department in accordance with ARM 17.38.101. Please be aware the Montana Public Water Supplies, Distribution and Treatment Act (MCA 75-6-101 through 75-6-121) requires an applicant to gain the department's approval prior to proceeding with construction with respect to this application. Failure to gain prior approval before beginning construction is a violation of the Act and could lead to Department enforcement action.
- Design criteria for the project can be found in Department circular DEQ-2 (Design Standards for Public Sewage Systems). Chapter 30 contains design criteria for collection systems and Chapter 40 includes standards for lift stations (if necessary).
- Please note that the Department recently increased review fees for public water and wastewater facilities; a copy of the current fee sheet is included with this letter.
- Properties currently being served by an onsite wastewater system which connect to the District's facilities may be subject to review under the Sanitation in Subdivisions Act (MCA 76-4). County water and sewer districts are now eligible to sign an expedited review process for such applications; the new exclusion form is also attached to this letter.

Thank you for the opportunity to comment on the proposed improvements, and if there is anything I can do to answer questions or assist please do not hesitate to contact me at 247-4455 or [mwaite@mt.gov](mailto:mwaite@mt.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Matt Waite", is written over a blue circular stamp.

Matthew Waite, PE  
Water Quality Division  
Billings Regional Office

cc: File

**From:** [Gullett, Kale - NRCS, Bozeman, MT](#)  
**To:** [Stephanie Seymanski](#)  
**Subject:** RE: LWSD 2020 WW PER - Phase 3 Sewer  
**Date:** Wednesday, March 4, 2020 10:27:21 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)

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\*\*\*This message originated from an **External Source.**\*\*\* Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Hey Stephanie. We have no comments.

Thanks

kg

---

**From:** Stephanie Seymanski <sseymanski@m-m.net>  
**Sent:** Wednesday, March 4, 2020 10:14 AM  
**To:** Gullett, Kale - NRCS, Bozeman, MT <kale.gullett@usda.gov>  
**Subject:** LWSD 2020 WW PER - Phase 3 Sewer

Hi Kale,

See attached letter and exhibit. We are working on an updated wastewater preliminary engineering report for the Lockwood Water and Sewer District to address the next phase of sewer installation in the remaining unsewered residential areas of Lockwood. The attached letter requests your review and comment on this project. Thank you!

 **Stephanie Seymanski, PE**  
**Senior Civil Engineer, Morrison-Maierle**  
☎ 406.237.1243 direct | 406.671.3255 mobile  
📍 315 North 25th Street, Suite 102, Billings, MT 59101

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**From:** [Murdo, Damon](#)  
**To:** [Stephanie Seymanski](#)  
**Subject:** RE: LWSD 2020 WW PER - Phase 3 Sewer  
**Date:** Wednesday, March 4, 2020 12:55:19 PM  
**Attachments:** [CRABS.xlsx](#)  
[CRIS.xlsx](#)  
[2020030405.pdf](#)

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March 4, 2020

Stephanie Seymanski  
Morrison-Maierle, Inc  
315 N. 25<sup>th</sup> St, Suite 102  
Billings MT 59101

RE: LOCKWOOD WATER & SEWER DISTRICT WASTEWATER PER, UPDATE. SHPO Project #: 2020030405

Dear Stephanie:

I have conducted a cultural resource file search for the above-cited project. According to our records there have been several previously recorded sites within the designated search locales. In addition to the sites there have been a few previously conducted cultural resource inventories done in the areas. I've attached a list of these sites and reports. If you would like any further information regarding these sites or reports, you may contact me at the number listed below.

It is SHPO's position that any structure over fifty years of age is considered historic and is potentially eligible for listing on the National Register of Historic Places. If any structures are to be altered and are over fifty years old, we would recommend that they be recorded, and a determination of their eligibility be made.

As long as this project will occur within previously disturbed ground and there will be no disturbance or alteration to structures over fifty years of age, we feel that there is a low likelihood cultural properties will be impacted. We, therefore, feel that a recommendation for a cultural resource inventory is unwarranted at this time. However, should structures need to be altered or if cultural materials be inadvertently discovered during this project, we would ask that our office be contacted, and the site investigated.

If you have any further questions or comments you may contact me at (406) 444-7767 or by e-mail at [dmurdo@mt.gov](mailto:dmurdo@mt.gov). I have attached an invoice for the file search. Thank you for consulting with us.

Sincerely,

Damon Murdo  
Cultural Records Manager  
State Historic Preservation Office

Last Name	First Name	Report Date	Title	Report	TRS
LAHREN	LARRY A.	4/26/1978	CULTURAL RESOURCE RECONNAISSANCE EVALUATIONS OF SEVEN PROPOSED HIGHWAY DEPARTMENT PROJECTS IN THE BILLINGS, MONTANA AREA	YL 4 10675	Township:1 N Range:26 E Section: 26
LAHREN	LARRY A.	4/26/1978	CULTURAL RESOURCE RECONNAISSANCE EVALUATIONS OF SEVEN PROPOSED HIGHWAY DEPARTMENT PROJECTS IN THE BILLINGS, MONTANA AREA	YL 4 10675	Township:1 N Range:26 E Section: 35
LAHREN	LARRY A.	9/12/1980	A REPORT OF ARCHAEOLOGICAL SURVEY AND INVENTORY CONDUCTED ON JOHNSON LANE AND PINEHILL INTERCHANGES	YL 4 10676	Township:1 N Range:27 E Section: 19
LAHREN	LARRY A.	9/12/1980	A REPORT OF ARCHAEOLOGICAL SURVEY AND INVENTORY CONDUCTED ON JOHNSON LANE AND PINEHILL INTERCHANGES	YL 4 10676	Township:1 N Range:27 E Section: 20
BABCOCK	WILLIAM A.	12/3/1985	BILLINGS HISTORICAL RESOURCE SURVEY HILLTOP ROAD, EXTENSION PROJECT	YL 4 10685	Township:1 N Range:26 E Section: 26
WOOD	GARVEY C.	3/9/1987	HILDE CONSTRUCTION CO., SANNON BORROW PITS	YL 4 10698	Township:1 N Range:27 E Section: 19
ROSSILLON	MITZI	12/1/1988	AN ARCHAEOLOGICAL SURVEY OF THE STORM DRAIN OUTFALL, HILLTOP ROAD EXPANSION	YL 4 10703	Township:1 N Range:26 E Section: 26
BERGSTROM	MICHAEL W.	12/4/1989	CULTURAL RESOURCE INVENTORY EAST BILLINGS-INTERSTATE 90 PROJECT	YL 4 10709	Township:1 N Range:27 E Section: 19
BERGSTROM	MICHAEL W.	12/4/1989	CULTURAL RESOURCE INVENTORY EAST BILLINGS-INTERSTATE 90 PROJECT	YL 4 10709	Township:1 N Range:27 E Section: 20
HEIDENREICH	C. ADRIAN	11/23/1990	A CULTURAL RESOURCE SURVEY OF CONOCO OIL HIGHWAY 87 AND I-90 BRIDGE PIPELINE RELOCATION PROJECTS IN TOWNSITE 1 NORTH, RANGE 26 EAST, YELLOWSTONE COUNTY	YL 6 11622	Township:1 N Range:26 E Section: 35
BERGSTROM	MICHAEL W.	3/18/1991	SOUTHCENTRAL MONTANA CULTURAL RESOURCE INVENTORY OF DEPARTMENT OF STATE LANDS FOR U.S. WEST COMMUNICATION'S FIBER OPTIC LINE	YL 5 11940	Township:1 N Range:26 E Section: 36
LAHREN	LARRY A.	10/21/1991	COP CONSTRUCTION GRAVEL PIT	YL 4 12821	Township:1 N Range:26 E Section: 35
GCM SERVICES INC.	ANONYMOUS	12/1/1991	CULTURAL RESOURCE MONITORING: EAST BRIDGE PIPELINE RELOCATION	YL 6 13042	Township:1 N Range:26 E Section: 35
VANDER STEEN	KENNETH F.	8/1/1992	PROPOSED HUNTLEY TO BILLINGS FIBER OPTIC CABLE SYSTEM PROJECT	YL 6 14593	Township:1 N Range:27 E Section: 19
VANDER STEEN	KENNETH F.	8/1/1992	PROPOSED HUNTLEY TO BILLINGS FIBER OPTIC CABLE SYSTEM PROJECT	YL 6 14593	Township:1 N Range:27 E Section: 20
VANDER STEEN	KENNETH F.	8/1/1992	PROPOSED HUNTLEY TO BILLINGS FIBER OPTIC CABLE SYSTEM PROJECT	YL 6 14593	Township:1 N Range:27 E Section: 30
HERBORT	DALE P.	6/25/1996	CULTURAL RESOURCE EVALUATION OF EMPIRE KUHLMANN BORROW	YL 5 17945	Township:1 N Range:26 E Section: 35
ROSSILLON	MITZI	8/1/1986	CULTURAL RESOURCES INVENTORY OF THE EAST BRIDGE AT BILLINGS PROJECT AREA (FRED QUIVIK'S JANUARY 15, 1986 REPORT ENTITLED DESCRIPTION AND EVALUATION OF RAILROAD OVERPASS BRIDGE (EAST BRIDGE) IS ATTACHED)	YL 4 10691	Township:1 N Range:26 E Section: 35
AXLINE	JON A.	6/4/1997	TRANSBASS CHEMICAL COUNTY ROAD - EAST OF BILLINGS	YL 4 18986	Township:1 N Range:26 E Section: 26
LEWIS	THOMAS H.	1/1/1983	CULTURAL RESOURCES INVENTORY OF THE REMNANT PICTOGRAPHS AT ALKALI CREEK, YELLOWSTONE COUNTY MONTANA	YL 6 25162	Township:1 N Range:26 E Section: 26
FANDRICH	BLAIN	9/21/2009	BENCH BOULEVARD: A CULTURAL RESOURCE INVENTORY FROM LAKE ELMO DRIVE TO US HIGHWAY 87, BILLINGS , MONTANA	YL 4 31118	Township:1 N Range:26 E Section: 26
MARTINSON	RENEA D. ET.AL.	10/26/2011	EXXON MOBIL SILVERTIP PIPELINE INCENDENT RESPONSE - CULTURAL HERITAGE DIVISION C FORMS	YL 6 33232	Township:1 N Range:26 E Section: 26
MARTINSON	RENEA D. ET.AL.	10/26/2011	EXXON MOBIL SILVERTIP PIPELINE INCENDENT RESPONSE - CULTURAL HERITAGE DIVISION C FORMS	YL 6 33232	Township:1 N Range:27 E Section: 19
WAGERS	SCOTT J. AND JENNIFER THOMAS	11/4/2011	BILLINGS BYPASS: A CULTURAL RESOURCE INVENTORY IN YELLOWSTONE COUNTY, MONTANA	YL 4 33325	Township:1 N Range:27 E Section: 19
WAGERS	SCOTT J. AND JENNIFER THOMAS	11/4/2011	BILLINGS BYPASS: A CULTURAL RESOURCE INVENTORY IN YELLOWSTONE COUNTY, MONTANA	YL 4 33325	Township:1 N Range:27 E Section: 20
WAGERS	SCOTT J. AND JENNIFER THOMAS	11/4/2011	BILLINGS BYPASS: A CULTURAL RESOURCE INVENTORY IN YELLOWSTONE COUNTY, MONTANA	YL 4 33325	Township:1 N Range:27 E Section: 30
MARTINSON	RENEA	2/1/2011	LOCKWOOD TO THE CROW RESERVATION: A CLASS III CULTURAL RESOURCE INVENTORY IN LOCKWOOD AND ALONG HARDIN ROAD, YELLOWSTONE COUNTY, MONTANA	YL 6 33857	Township:1 N Range:26 E Section: 36
MARTINSON	RENEA	2/1/2011	LOCKWOOD TO THE CROW RESERVATION: A CLASS III CULTURAL RESOURCE INVENTORY IN LOCKWOOD AND ALONG HARDIN ROAD, YELLOWSTONE COUNTY, MONTANA	YL 6 33857	Township:1 N Range:27 E Section: 31
SCOTT	SARA, ET AL.	2/1/2014	RADIOCARBON ANALYSES OF FOUR PERISHABLE ARTIFACTS FROM GHOST AND PICTOGRAPH CAVES, MONTANA	YL 6 35416	Township:1 N Range:27 E Section: 19
THOMAS	JENNIFER	2/2/2013	PHILLIPS 66 YELLOWSTONE: A CLASS III CULTURAL RESOURCE INVENTORY FOR A PROPOSED PIPELINE REPLACEMENT PROJECT ACROSS THE YELLOWSTONE RIVER IN BILINGS, YELLOWSTONE COUNTY, MONTANA	YL 2 34357	Township:1 N Range:26 E Section: 35
MACY	JENNIFER N.	12/4/2013	FOUR DANCES HIKING TRAIL PROJECT: A CLASS III CULTURAL RESOURCE INVENTORY IN YELLOWSTONE COUNTY, MONTANA	YL 2 36275	Township:1 N Range:26 E Section: 35
FANDRICH	BLAIN	12/24/2012	ADDENDUM TO BILLINGS BYPASS: A CULTURAL RESOURCE INVENTORY IN YELLOWSTONE COUNTY, MONTANA	YL 4 34340	Township:1 N Range:27 E Section: 19
WESTON	JASON D.	7/26/2016	4 DANCES NATURAL AREA ACFC	YL 2 38550	Township:1 N Range:26 E Section: 35
DRIVER	CHRISTIAN	12/26/2014	A CULTURAL RESOURCE EVALUATION AND VISUAL EFFECTS ANALYSIS FOR THE PROPOSED 'BIL HAWTHORNE' MONOPOLE TELECOMMUNICATIONS FACILITY, BILLINGS, YELLOWSTONE COUNTY, MONTANA.	YL 6 37627	Township:1 N Range:27 E Section: 19
KROMAREK	NICOLE	10/31/2014	A CULTURAL RESOURCE INVENTORY AND VISUAL EFFECTS ANALYSIS FOR THE PROPOSED 'BIL LOCKWOOD' SELF-SUPPORT STRUCTURE CELLULAR TELECOMMUNICATIONS FACILITY, BILLINGS, YELLOWSTONE COUNTY, MONTANA	YL 6 37629	Township:1 N Range:26 E Section: 26
MATTHEW	KIRBY	5/14/2015	HISTORIC PRESERVATION PROJECT WILL JAMES CABIN BUREAU OF LAND MANAGEMENT	YL 2 37810	Township:1 N Range:26 E Section: 35
FANDRICH	BLAIN ET AL	6/1/2018	INTERSTATE 90 YELLOWSTONE RIVER- BILLINGS	YL 4 39744	Township:1 N Range:26 E Section: 35
FANDRICH	BLAIN	12/20/2019	INTERSTATE 90 LOCKWOOD INTERCHANGE TO JOHNSON LANE INTERCHANGE: A CLASS III CULTURAL INVENTORY SECTIONS 25, 26 AND 35, T1N R26E, AND SECTION 19 AND 30, T1N R27E, YELLOWSTONE COUNTY, MONTANA.	YL 4 40284	Township:1 N Range:26 E Section: 26
FANDRICH	BLAIN	12/20/2019	INTERSTATE 90 LOCKWOOD INTERCHANGE TO JOHNSON LANE INTERCHANGE: A CLASS III CULTURAL INVENTORY SECTIONS 25, 26 AND 35, T1N R26E, AND SECTION 19 AND 30, T1N R27E, YELLOWSTONE COUNTY, MONTANA.	YL 4 40284	Township:1 N Range:26 E Section: 35
FANDRICH	BLAIN	12/20/2019	INTERSTATE 90 LOCKWOOD INTERCHANGE TO JOHNSON LANE INTERCHANGE: A CLASS III CULTURAL INVENTORY SECTIONS 25, 26 AND 35, T1N R26E, AND SECTION 19 AND 30, T1N R27E, YELLOWSTONE COUNTY, MONTANA.	YL 4 40284	Township:1 N Range:27 E Section: 19
FANDRICH	BLAIN	12/20/2019	INTERSTATE 90 LOCKWOOD INTERCHANGE TO JOHNSON LANE INTERCHANGE: A CLASS III CULTURAL INVENTORY SECTIONS 25, 26 AND 35, T1N R26E, AND SECTION 19 AND 30, T1N R27E, YELLOWSTONE COUNTY, MONTANA.	YL 4 40284	Township:1 N Range:27 E Section: 30

Site #	Twp	Rng	Sec	Qs	Site Type 1	Site Type 2	Time Period	Owner	NR Status
24YL1714	1N	27E	20	NW	Historic Trash Dump	Historic Commercial Development Historic Outbuildings Historic Outbuildings	Historic Period	Private	Undetermined*
24YL1711	1N	27E	21	NW	Historic Trash Dump		Historic Period	Private	Undetermined*
24YL1710	1N	27E	20	NE	Historic Residence		Historic Period	Private	Undetermined*
24YL1709	1N	27E	20	NE	Historic Residence		No Indication of Time	Private	Undetermined*
24YL1706	1N	27E	20	NE	Historic Homestead/Farmstead		Historic Period	Private	Undetermined*
24YL0161	1N	26E	26	comb	Historic Irrigation System	Historic Outbuildings	Historic More Than One Decade	Private	Eligible
24YL0267	1N	26E	35	NW	Historic Railroad, Stage Route, Travel		1930-1939	MDOT Other	Undetermined*
24YL0271	1N	26E	26	SE	Historic Irrigation System		1910-1919	No Data	Ineligible
24YL0271	1N	26E	35	comb	Historic Irrigation System		1910-1919	No Data	Ineligible
24YL0271	1N	26E	36	comb	Historic Irrigation System		1910-1919	No Data	Ineligible
24YL0272	1N	26E	26	Comb	Historic Irrigation System		1890-1899	Private	Ineligible
24YL0272	1N	27E	19	Comb	Historic Irrigation System		1890-1899	Private	Ineligible
24YL0272	1N	27E	20	NW	Historic Irrigation System		1890-1899	Private	Ineligible
24YL0277	1N	26E	26	comb	Historic Railroad		Historic More Than One Decade	Private	Eligible
24YL0277	1N	26E	35	comb	Historic Railroad		Historic More Than One Decade	Private	Eligible
24YL0277	1N	27E	19	comb	Historic Railroad		Historic More Than One Decade	Private	Eligible
24YL0641	1N	27E	19	Comb	Historic Residence		Historic More Than One Decade	Private	DOE
24YL0997	1N	27E	16	NW	Historic Trash Dump		Historic Period	Private	Undetermined*
24YL1879	1N	26E	35	NW	Historic Homestead/Farmstead		1900-1909	Private	Eligible
24YL1871	1N	27E	19	SE	Historic Residence		1940-1949	Private	Ineligible
24YL1872	1N	27E	19	SE	Historic Residence		1950-1959	Private	Ineligible
24YL1873	1N	27E	19	SE	Historic Residence		1950-1959	Private	Ineligible
24YL1874	1N	27E	19	NE	Historic Residence		1950-1959	Private	Ineligible
24YL1672	1N	26E	36	NE	Historic Road/Trail	Historic Inscription/Sinage	Historic More Than One Decade	State Owned	Eligible
24YL1672	1N	27E	31	comb	Historic Road/Trail		Historic More Than One Decade	State Owned	Eligible
24YL1672	1N	26E	26	comb	Historic Road/Trail		Historic More Than One Decade	State Owned	Eligible
24YL2069	1N	26E	35	NW	Petroglyph		Combination	BLM	Eligible
24YL2070	1N	26E	35	comb	Historic Irrigation System		Historic More Than One Decade	BLM	Ineligible
24YL2071	1N	26E	35	SW	Historic Mining		Historic More Than One Decade	BLM	Ineligible
24YL2076	1N	26E	35	SW	Historic Depression(s)		No Indication of Time	BLM	Ineligible
24YL2188	1N	26E	35	Comb	Historic Residence		Historic More Than One Decade	Private	Undetermined*
24YL2189	1N	26E	35	NE	Historic Residence		Historic More Than One Decade	Private	Undetermined*
24YL2190	1N	26E	35	NE	Historic Residence		Historic More Than One Decade	Private	Undetermined*
24YL2191	1N	26E	35	Comb	Historic Hotel/Motel		Historic More Than One Decade	Private	Undetermined*
24YL2192	1N	26E	35	NE	Historic Residence		Historic More Than One Decade	Private	Undetermined*
24YL2202	1N	26E	35	NE	Historic Residence		Historic More Than One Decade	Private	Undetermined*
24YL2203	1N	26E	35	NW	Historic Commercial Development		1960-1969	Private	Undetermined*
24YL2204	1N	26E	35	NE	Historic Residence		Historic More Than One Decade	Private	Undetermined*
24YL2205	1N	26E	35	NE	Historic Residence		1950-1959	Private	Undetermined*
24YL2232	1N	26E	35	NE	Historic Residence		Historic More Than One Decade	Private	Eligible
24YL2233	1N	26E	35	NE	Historic Homestead/Farmstead		Historic More Than One Decade	Private	Ineligible
24YL2234	1N	26E	35	NW	Historic Gas Station		Historic More Than One Decade	Private	Ineligible
24YL2235	1N	26E	35	NW	Historic Commercial Development		Historic More Than One Decade	Private	Ineligible



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
**CORPS OF ENGINEERS, OMAHA DISTRICT**  
**HELENA REGULATORY OFFICE**  
**10 WEST 15<sup>TH</sup> STREET, SUITE 2200**  
**HELENA, MONTANA 59626**

March 31, 2020

Regulatory Branch  
Montana State Program  
Corps No. **NWO-2011-02711-MTH**

Subject: Lockwood Water & Sewer District - Phase 3 Wastewater System  
Improvements - Yellowstone County

Stephanie Seymanski  
Morrison Maierle, Inc.  
315 N 25th St STE 102  
Billings, Montana 59101

Dear Ms. Seymanski:

We are responding to your request for comments concerning the Lockwood Water and Sewer District's proposed improvements to their wastewater collection facilities. Specifically, the LWSD is proposed improvements include constructing new trunk mains, collection mains, and lift station in the Phase 3 Sewer Subdistrict Area. The project is located in multiple Sections, within Township 1 N, Range 26 E and 27E, within Lockwood, in Yellowstone County, Montana.

The mission of the U.S. Army Corps of Engineers (Corps) Regulatory Program is to protect the Nation's aquatic resources while allowing reasonable development through fair, flexible and balanced permit decisions. In particular, under Section 404 of the Clean Water Act, we work to protect the biological, physical, and chemical integrity of the Nation's aquatic resources. Projects are evaluated on a case-by-case basis to determine the potential benefits and detriments that may occur as a result of the proposal. In all cases an applicant must avoid and minimize impacts to aquatic resources to the greatest extent practicable.

Under the authority of Section 404 of the Clean Water Act (CWA), DA permits are required for the discharge of fill material into waters of the U.S. Waters of the U.S. include the area below the ordinary high water mark of stream channels and lakes or ponds connected to the tributary system, and wetlands adjacent to these waters. Isolated waters and wetlands, as well as man-made channels, may be waters of the U.S. in certain circumstances, which must be determined on a case-by-case basis.

Based on the information provided in your submittal, we are unable to ascertain if regulated activities are proposed or if jurisdictional waters of the U.S. are present within the project area. If your final design includes the placement of fill material in any jurisdictional area described above, or otherwise requires authorization by a DA permit,

please submit a Montana Joint Permit Application to this office prior to starting any work. After a review of the materials submitted we will determine what type of permit, if any, will be required. You can obtain a Montana Joint Permit Application Form at the following address: <http://www.dnrc.mt.gov/licenses-and-permits/stream-permitting>. If you do not have internet access please contact our office at the address below to obtain more information.

Note that this letter is not a DA authorization to proceed. It only informs you of your need to obtain a DA permit if waters of the U.S. will be affected. If waters of the U.S. will not be affected by a jurisdictional activity a DA permit will not be required for the project.

Please refer to identification number NWO-2011-02711-MTH in any correspondence concerning this project. If you have any questions, please contact us at 10 West 15<sup>th</sup> Street, Suite 2200, Helena, MT 59626, by telephone at (406) 441-1375, or by email at [Montana.Reg@usace.army.mil](mailto:Montana.Reg@usace.army.mil).

Sincerely,

A handwritten signature in cursive script that reads "Sage L. Joyce".

Sage L. Joyce  
Montana Program Manager

**From:** [Martin, Jacob](#)  
**To:** [Stephanie Seymanski](#)  
**Cc:** [Davies, Jess J](#); [Bush, Jodi](#)  
**Subject:** Lockwood, MT, LWSD 2020 WW PER - Phase 3 Sewer  
**Date:** Friday, March 20, 2020 1:22:25 PM

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Dear Ms. Seymanski:

Thank you for your March 3, 2020, letter requesting U.S. Fish and Wildlife Service comment on the proposed subject project in Lockwood, Montana.

This email represents our official response to your inquiry for your records.

The U.S. Fish and Wildlife Service reviewed your letter and has no comments regarding federally-listed or proposed threatened or endangered species or other trust species. Additional information may be obtained using the IPaC project-planning tool, which streamlines the USFWS environmental review process at <https://ecos.fws.gov/ipac/>.

Thank you for the opportunity to comment. If you have any questions or comments about this correspondence please contact Jess Davies at [jess\\_davies@fws.gov](mailto:jess_davies@fws.gov) or 406-449-5225, extension 214.

Sincerely,

Jacob M. (Jake) Martin  
Assistant Field Supervisor  
Montana Ecological Services Office  
Helena, Montana 59601  
(406) 449-5225x215  
[jacob\\_martin@fws.gov](mailto:jacob_martin@fws.gov)



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Montana Ecological Services Field Office  
585 Shephard Way, Suite 1  
Helena, MT 59601-6287  
Phone: (406) 449-5225 Fax: (406) 449-5339



In Reply Refer To:  
Consultation Code: 06E11000-2020-SLI-0438  
Event Code: 06E11000-2020-E-00731  
Project Name: LWSD Wastewater PER Update

May 23, 2020

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

# Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Montana Ecological Services Field Office**

585 Shephard Way, Suite 1

Helena, MT 59601-6287

(406) 449-5225

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## Project Summary

Consultation Code: 06E11000-2020-SLI-0438

Event Code: 06E11000-2020-E-00731

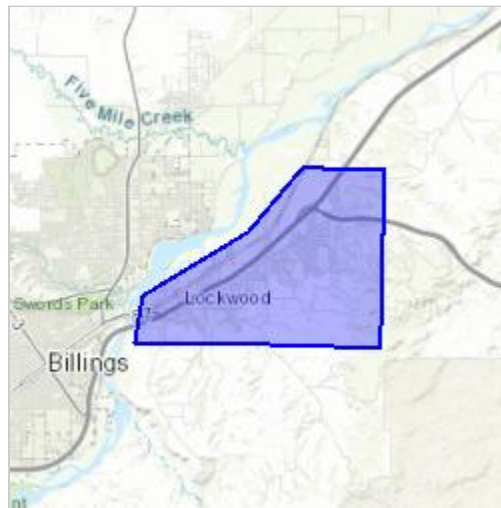
Project Name: LWSD Wastewater PER Update

Project Type: WASTEWATER PIPELINE

Project Description: Project will consist of installation of sanitary sewer collection system consisting of gravity sewer mains, lift stations, and force mains. Work will occur primarily in streets and some alleys. It is anticipated that construction would occur after 2021.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/45.813141311073544N108.40269883689564W>



Counties: Yellowstone, MT

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## Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## Birds

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/1864">https://ecos.fws.gov/ecp/species/1864</a>	Threatened
Whooping Crane <i>Grus americana</i> Population: Wherever found, except where listed as an experimental population There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/758">https://ecos.fws.gov/ecp/species/758</a>	Endangered

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

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**From:** [Darin Swenson](#)  
**To:** [Stephanie Seymanski](#)  
**Subject:** RE: LWSD 2020 WW PER - Phase 3 Sewer  
**Date:** Monday, March 23, 2020 8:45:28 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)

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\*\*\*This message originated from an **External Source.**\*\*\* Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Stephanie,

I have reviewed both exhibits and read the attached letter. I would concur that the only area that appears to be near the floodplain is that triangular section between Hillner Lane and Highway 87 East. It does appear that parcel is in Zone D. Zone D is areas in which flood hazards are undetermined, but possible. Zone D does not require a permit.

The only other comments I would have is that right-of-way permits would be required through this office in all areas where the sewer line is going to be placed in a public right-of-way. There appear to be many of those. You may need to get sign off by parties along private roads, just so you know. It appears that Bull Pine Road is one such road. There may be others.

Thank you for the opportunity to review your concept. If you have any further questions, please feel free to contact me.

Sincerely yours,

Darin

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**From:** Stephanie Seymanski <sseymanski@m-m.net>  
**Sent:** Friday, March 20, 2020 5:05 PM  
**To:** Darin Swenson <dswenson@co.yellowstone.mt.gov>  
**Subject:** LWSD 2020 WW PER - Phase 3 Sewer


Darin,

Please see attached letter and exhibit sent to Sam Johnson at the DNRC regarding a Lockwood Water and Sewer District Wastewater Preliminary Engineering Update to consider the next phase of sewer installation in the remaining unsewered residential areas of Lockwood. Sam reviewed the letter and exhibit and has no comments other than to request that we check with Yellowstone County for any locations where sewer mains may cross the floodplain.

Figure 4-4 as attached shows the planning area (green line) in relation to the flood areas in Lockwood. It appears that the only location at which the planning area overlaps a flood area is at the very south end of the Dry Creek floodplain. The triangular shaped area along

Highway 87 overlaps the Dry Creek floodplain. If any sewer mains were to cross under Dry Creek in this area, a floodplain permit would be required.

Could you confirm my assessment and provide any other comments? Your response and any other comments will be included in the 2020 Wastewater Preliminary Engineering Report. Thank you!

 **Stephanie Seymanski, PE**  
**Senior Civil Engineer, Morrison-Maierle**  
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