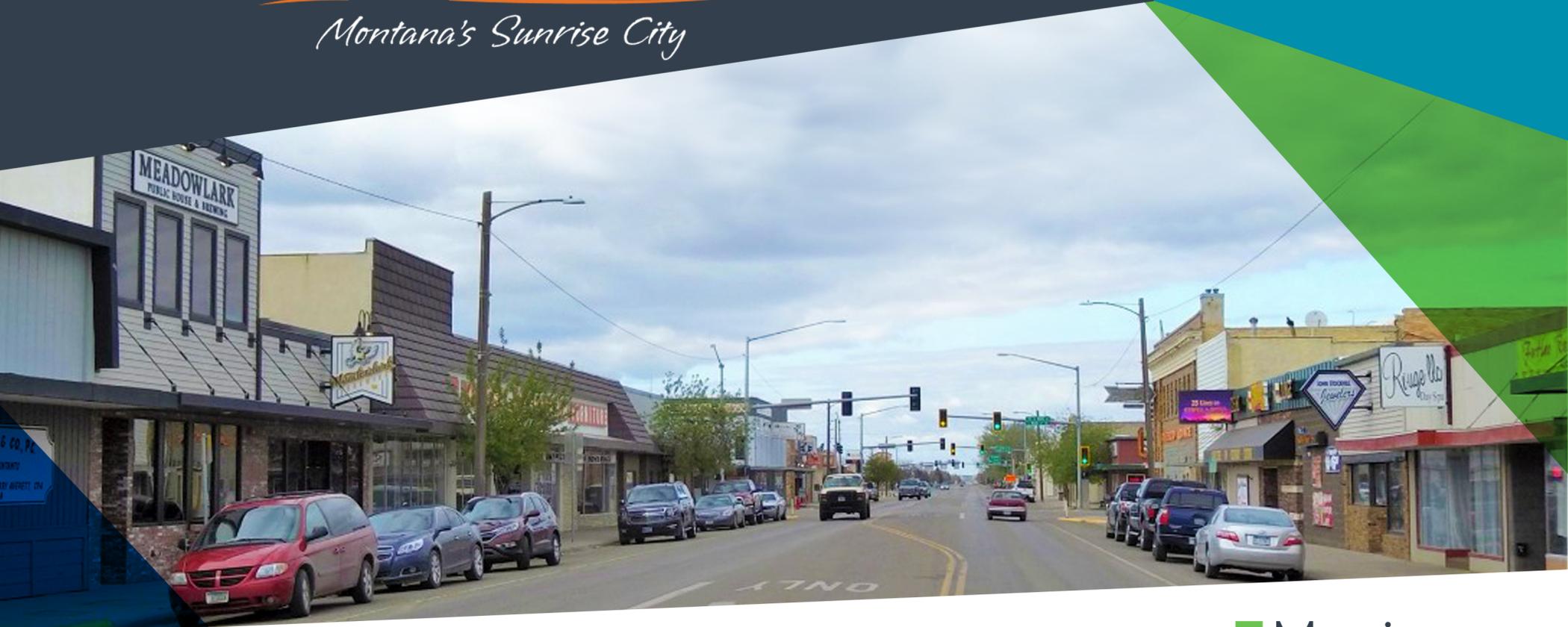




# SIDNEY

*Montana's Sunrise City*



## **CITY OF SIDNEY**

On-Call Professional Engineering Services –  
Engineering, Planning, and Grant Writing/Administration Services



February 18, 2026

City of Sidney  
ATTN: Jessica Chamberlin  
115 2nd St SE  
Sidney, MT 59270

RE: Statement of Qualifications for **On-Call Professional Engineering Services – Engineering, Planning, and Grant Writing/Administration Services**

Dear Ms. Chamberlin,

The City of Sidney is positioning itself for success by establishing a team of engineers and planners through on-call Master Services Agreements. This approach allows the City to assign work to the firm best suited to each project's technical needs while ensuring qualified resources are readily available. These agreements also allow work to begin quickly in emergency situations, minimizing delays and protecting critical infrastructure. Advancing planning efforts through on-call contracts ensures that shovel-ready projects are available, strengthening the City's ability to compete for grant funding and secure low-interest loans.

We are aligned with these goals and prepared to serve as a trusted member of this on-call consultant team. Our longstanding experience with Sidney's infrastructure systems, funding programs, and operational priorities allows us to contribute effectively alongside other selected firms while providing continuity and institutional knowledge. Our team offers:

- **Longstanding Wastewater and Stormwater System Knowledge**

Through more than a decade of partnership with Sidney, we have developed a detailed understanding of the City's wastewater and stormwater systems, regulatory drivers, funding history, and operational considerations. This familiarity allows us to respond efficiently and provide practical recommendations aligned with the City's infrastructure and long-term goals.

- **Recognized Technical Excellence and Full-Service Support**

Morrison-Maierle is a recognized regional leader in technical excellence, providing innovative solutions in preliminary engineering, capital improvement planning, infrastructure design, and construction administration. We offer multidisciplinary expertise and staffing depth while maintaining personal relationships and direct accountability at the project level. This ensures Sidney receives technically sound solutions supported by responsive communication and continuity throughout each phase of a project.

- **Integrated Grant Writing and Administration Services**

We proactively identify funding opportunities, coordinate with agencies, prepare applications, and administer grants and loans throughout the planning and design process. This integrated approach maximizes Sidney's competitiveness for funding while ensuring efficient administration and compliance.

We appreciate the opportunity to submit our qualifications and look forward to continuing our partnership with the City of Sidney.

Sincerely,



Laura Gundlach, PE  
Client Service Manager  
Morrison-Maierle



Jason Mercer, PE  
Project Principal  
Morrison-Maierle

# 2 FIRM QUALIFICATIONS

## BUSINESS HISTORY

At Morrison-Maierle, creating solutions that build better communities is more than a mission statement—it's a commitment to helping you deliver lasting value to the people you serve. Whether you're planning a new development, upgrading aging infrastructure, remodeling or building a new commercial space, or navigating environmental, utility, funding, or permitting challenges, Morrison-Maierle brings the insight, technical expertise, and collaborative mindset needed to help you succeed.

Since 1945, our clients have trusted us to deliver reliable, high-quality results, grounded in a deep understanding of local context and regional needs. What started as a two-person firm in Helena, Montana, has grown into a 100% employee-owned company with more than 350 professionals in 12 offices across Montana, Oregon, Washington, and Wyoming. We provide integrated consulting services in engineering, planning, surveying, and science. Our solutions are designed to meet the complex needs of communities across the greater Rocky Mountain and Pacific Northwest regions.

Morrison-Maierle provides the City of Sidney with a project team led by a Client Service Manager in Helena, supported by engineers across our offices in Billings, Bozeman, Helena, Kalispell, and Missoula, Montana as well as our office in Sheridan, WY. Our diverse teams work together to ensure clear communication, coordinated designs, and dependable solutions that meet your goals, budget, and timeline.

At the core of every client relationship is a shared purpose. With us, you can count on a partner who brings not only experience and technical skills but also integrity, respect, good communication, and a genuine investment in your success.



WATER/WASTEWATER GROUP	NATURAL RESOURCES GROUP
<b>Drinking Water and Wastewater Services</b>	<b>Stormwater and Environmental Permitting</b>
<b>Group Lead: Jason Mercer</b> <b>Project Manager: Laura Gundlach</b>	<b>Group Lead: Molly Davidson</b> <b>Project Manager: Carly Kittleson</b>

Additional In-House Services Provided:

- 3D Facility Scan
- Bathymetric Survey
- Drone Survey and LiDAR
- Environmental Surveys
  - Erosion Control
- Federal Contract Provisions
- GIS Mapping Support
  - NEPA Compliance
- Topographic Survey

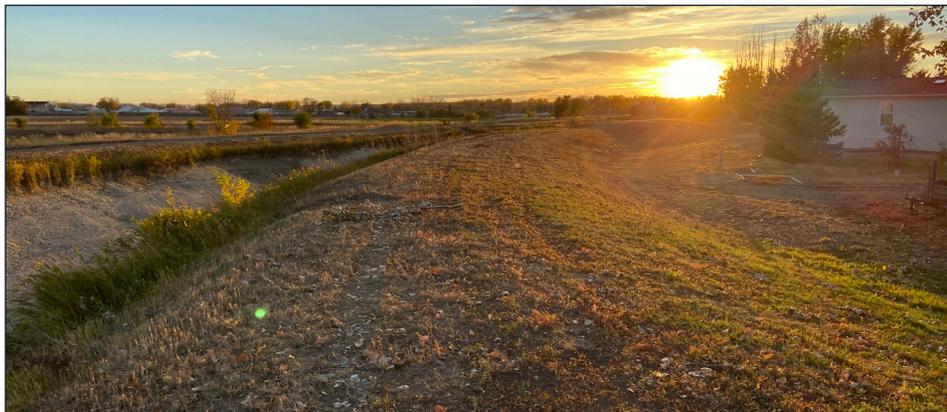
# 3 PROJECT TEAM

## PROJECT TEAM

Through years of close collaboration and partnership with City of Sidney staff, our team has supported the advancement of foundational stormwater and wastewater infrastructure improvements. The shared history provides our team with a deep understanding of Sidney's facilities, preferences, and expectations. Our team offers an ideal blend of technical expertise and practical experience, spanning decades in wastewater and stormwater-related design and construction projects. Our knowledge is a direct result of following projects through planning, design, and construction, continually evaluating how best to approach new projects for the City's benefit.

**Laura Gundlach** will serve as **Client Service Manager**, providing overall leadership and responsibility for your client service and experience with our project team. She will be the primary contact for City staff, coordinating and assigning project team members based on the specialized experience needed. Her approach emphasizes clear communication, proactive issue resolution, and close coordination with City staff, regulators, and contractors to ensure projects are delivered efficiently. Laura will also act as the project manager for all wastewater work assigned to us. Carly Kittleson will serve as the Assistant Client Service Manager and project manager for stormwater efforts.

Our extended team includes technical advisors and support staff specializing in environmental permitting, grant writing and funding administration, GIS support, wastewater systems, construction management, and municipal project engineering, allowing us to support a wide range of City of Sidney projects from concept to completion. Morrison-Maierle has the licensure and expertise required to be a trusted engineering and funding partner.





**Laura Gundlach, PE | CLIENT SERVICE MANAGER/WASTEWATER PROJECT MANAGER, HELENA, MT**

Laura has worked with the City of Sidney on the development of their wastewater facilities from 2013 to the present - planning, funding, designing, and constructing the largest aerated lagoon treatment system in Montana. She is a water and wastewater engineer with experience in planning, funding, design, and construction of municipal water and wastewater facilities and has served as a project manager on a variety of collection, distribution, and treatment projects. Laura's project experience includes preparing reports, design drawings, and specifications; coordinating with governmental agencies for funding and permitting; grant writing; funding administration; and overseeing construction administration.



**Carly Kittleson, PE | ASSISTANT CLIENT SERVICE MANAGER/STORMWATER PROJECT MANAGER, MISSOULA, MT**

Carly is a water resources engineer who has worked closely with Sidney public works since 2020. She has been deeply involved in all aspects of Sidney's stormwater planning, inventory, and improvements. As a project manager, engineer, and grant expert, she is a well-rounded team member that offers various areas of expertise. She is proud to have helped the City of Sidney obtain over \$1.6 Million in grant funding for several stormwater projects, advancing flood mitigation for the City. Her experience in stormwater spans planning, design, bidding, and construction.



**Molly Davidson, PE | STORMWATER TECHNICAL ADVISOR, MISSOULA, MT**

Molly is a water resources engineer with extensive experience in planning and designing stormwater systems, including water quality treatment, conveyance, and detention infrastructure. She has supported the City of Sidney across multiple projects, developing a strong understanding of their stormwater system, regulatory requirements, and long-term operational goals. Molly provides technical expertise in stormwater modeling, system evaluation, and integrated natural resource solutions to support effective and sustainable project outcomes. She serves as a trusted technical advisor to the project team, guiding design decisions and ensuring solutions align with both regulatory and client objectives.



**Rika Lashley, PE | WATER/WASTEWATER ENGINEER, HELENA, MT**

Rika is an environmental engineer who works in Morrison-Maierle's Helena office. Her experience includes troubleshooting, assessment, planning, and design of wastewater treatment systems. Her in-depth knowledge of lagoon processes and performance will serve to provide the City with valid analyses and potential solutions if needs are identified. She has been providing support to wastewater staff for the past decade on MPDES permitting, operational questions, and during ongoing project work.



**Steve Lowman, GISP | GIS, SHERIDAN, WY**

Steve is a CAD Technician with experience in complex GIS applications, surveying, GPS, and geospatial data. He uses his skills and experience in solving GIS problems and analysis to create GIS Data and Maps with the client's needs in mind. Steve has helped the City of Sidney start up their own GIS database from scratch, along with survey forms that make updating the inventory seamless and instant. He is proficient in ESRI Software products, licensing and data organization, ArcGIS Desktop, ArcGIS Pro, ArcGIS Online, and more. Steve's experience with surveying and programming brings a unique perspective to his GIS abilities. Steve's involvement in developing GIS databases ensures they are of the highest quality. His ability to train others, troubleshoot and maintain GIS programs, and his vast knowledge make him a valuable addition to Morrison-Maierle.



**Julie Hofbauer | GRANT WRITING AND FUNDING ADMINISTRATOR, MISSOULA, MT**

Julie specializes in grant administration for Morrison-Maierle’s Grant Management program. She plays a vital role in securing and managing the financial resources that enable organizations to pursue their missions, whether in scientific research, community services, or artistic innovation. Julie coordinates with project managers and our clients to help identify funding opportunities that align with project and community needs. She effectively communicates with key stakeholders throughout the grant cycle to ensure compliance with the grant’s conditions. Julie has several years of experience in grant writing, reporting, financial oversight, and program evaluation. She has successfully secured and managed funding for a diverse range of projects.



**Tyler Parker, PE | PROJECT ENGINEER/CONSTRUCTION MANAGEMENT, BILLINGS, MT**

Tyler is a Water/Wastewater Engineer with a background in heavy civil construction. He has contributed to a wide range of infrastructure projects, including municipal water systems, gravity sewer and force main pipelines, surface restoration, light rail construction, airfield concrete paving, landfill closures, and dam removals—collectively totaling more than \$350 million in contract value. Tyler has supported all phases of construction, with a focus on environmental compliance, cost control, safety oversight, and project team coordination. He is known for strong communication skills and a commitment to delivering high quality service to clients. Most recently, Tyler has served as a Senior RPR for multiple projects in Lockwood, MT.



**Christine Percy | ENVIRONMENTAL/PERMITTING, BOZEMAN, MT**

Christine holds both a BS & MS degree in Natural Resources and Environmental Science and possess over 20 years of experience in consulting work in the western United States. She has extensive experience with wetland delineations, permitting, and the challenges associated with water resources in the west. This includes preparation and administration of Stormwater Pollution Protection Plans for high-profile construction projects, NEPA/MEPA compliance documentation for public works projects, and wetland delineations in both urban and remote locations. Christine truly enjoys the environmental decision-making process and has spent her career working between clients and regulators to move projects to completion in a collaborative fashion.



**Kurtis DeShaw, PE | TECHNICAL LEAD/WATER MODELING, BILLINGS, MT**

Kurtis is a senior water/wastewater engineer and the Billings Office Water/Wastewater Market Group Leader. He specializes in system hydraulics, modeling, pump stations, lift stations, urban streets, and water and sewer rehabilitation projects. Kurtis has managed a wide range of private and public projects, including over 350,000 feet of water and sewer mains, multiple pump stations, lift stations, and buildings. He prioritizes client experience and communication to deliver successful projects.



**Jeff Ashley, PE | WATER/WASTEWATER TECHNICAL ADVISOR, HELENA, MT**

Jeff is a senior water and wastewater engineer with extensive experience in planning, design, and construction of municipal water treatment and wastewater treatment facilities. His water background includes both groundwater and surface water treatment processes, including membrane filtration, granular media filtration, arsenic treatment, chemical feed systems, chlorine, chloramine, and ultraviolet disinfection, residuals, process instrumentation and control, and security vulnerability assessments. He has specific experience in complex retrofit projects. His wastewater background includes lift stations, headworks, secondary and advanced treatment, and disinfection. Jeff is also responsible for preparing preliminary engineering reports (PERs) for both water and wastewater facilities.



**Jason Mercer, PE | PROJECT PRINCIPAL, HELENA, MT**

Jason is a senior engineer with experience in managing, planning, designing, and constructing municipal water and wastewater systems. His background includes all phases of water and wastewater projects, including facility planning, computer modeling, public involvement, preliminary and final design, funding approaches, land acquisition and right-of-way negotiations, bidding services, and construction administration. His experience includes pumping and lift stations, water and wastewater treatment, distribution, and collection, storage, and disposal systems. Jason serves as our overall market leader for water and wastewater services delivered by our teams in Montana, Wyoming, and Oregon.

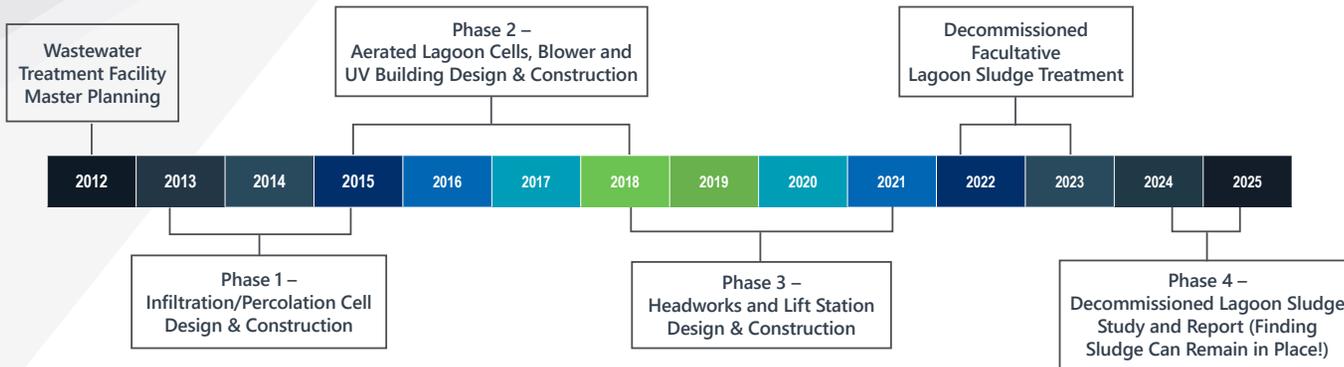
# 4 RELEVANT EXPERIENCE-CITY OF SIDNEY PROJECTS

## OUR HISTORY WITH THE CITY OF SIDNEY

The following projects showcase our longstanding partnership with the City of Sidney. We deeply value the relationship we have formed with the City over the past 10+ years. In addition to being significant milestones in foundational infrastructure development for the City, Morrison-Maierle presented unique solutions that are frequently highlighted as exemplary projects showcasing our innovative approach.

## INNOVATIVE, FLEXIBLE DESIGN TO DEVELOP MONTANA'S LARGEST AERATED LAGOON

*Sidney Wastewater Improvements – Phases 1 through 4 (2012-2025)*



Morrison-Maierle personnel are very proud to have supported the City of Sidney throughout the entire 13 year work of planning, design, and construction process for the development of a **brand-new wastewater treatment facility**. The City's facility is the largest lagoon-based system in the state and the only one with a unique discharge permit. The design team and the City worked together throughout the planning and design process. This close collaboration allowed the facility design to incorporate items of importance prioritized by the City – cost-effectiveness, simplicity, and flexibility to operate across **a range of population sizes**.

Murtagh Municipal Engineering, acquired by Morrison-Maierle in early 2016, worked with the City of Sidney officials, Public Works staff, and DEQ to develop alternatives for the AOC-required upgrade of an undersized single facultative lagoon cell constructed in 1960. **The facility's design focused on creating the best solution for the City**, considering population fluctuations driven by the Bakken boom, prioritizing simplicity and low future O&M costs, and taking advantage of available land.

The following summarizes unique aspects of the facility:

- **Largest aerated lagoon-based wastewater treatment facility in the state.**
- **Designed to allow for adjustments in response to varying population size.**
- **Unique MPDES discharge permit with flow to the Yellowstone River via groundwater through infiltration/percolation cells.**

Subsequent projects included installing a headworks facility, a new lift station, and an emergency outfall directly to the Yellowstone River. The final phase of the project was the planned sludge removal and reclamation of the original 59-acre facultative lagoon. **Morrison-Maierle worked with EPA Region 8 to allow the site to be declared a reclamation area.** The petition to EPA Region 8 was successful, allowing for the sludge to be left in place and tilled to create an alfalfa field. **This unique approach saved the City approximately \$5 million and finalized the successful creation of a unique and cost-effective wastewater facility.**

Throughout these projects and to the present day, Morrison-Maierle staff have been assisting the City with funding administration, operational questions, equipment service coordination, and answering any questions as they arise.

# 4 RELEVANT EXPERIENCE-CITY OF SIDNEY PROJECTS

## STORMWATER PLANNING, DESIGN, AND IMPROVEMENTS

### Sidney Stormwater Master Plan (2020-2021)



Morrison-Maierle assisted the City of Sidney in preparing a guidance document to develop:

- an infrastructure inventory,
- establish baseline hydraulic data,
- prioritize system needs,
- and prepare the City to establish a Stormwater Utility.

**The Stormwater Master Plan set a solid foundation for implementing several high-priority, successful stormwater projects over the past few years.**

The Master Plan document provided the City with a utility operations and management plan, a five-year utility budget, and a capital improvements plan. Morrison-Maierle helped gather critical baseline information, including a review and assessment of applicable regulations that may impact the City, such as MS4 requirements. The five-year Capital Improvements Plan (CIP) was especially valuable for presenting preliminary solutions and cost data so the City can be ready to pursue funding opportunities as they become available.

**A critical piece of the overall Master Plan effort was establishing the GIS database for utility inventory.** To help offset costs, we worked with the City to establish a self-collection system so City staff could survey their assets as capacity permitted. This foundation for GIS survey, data collection, licensing, and mapping is critical for the long-term success of a city-wide inventory that can be easily updated and evolve as needed.

The Stormwater Master Plan was a major step toward enabling the City to proactively address stormwater issues. The plan and GIS database have been the foundation for the successful Meadows and Anderson improvement projects and continue to provide insight into stormwater priorities.

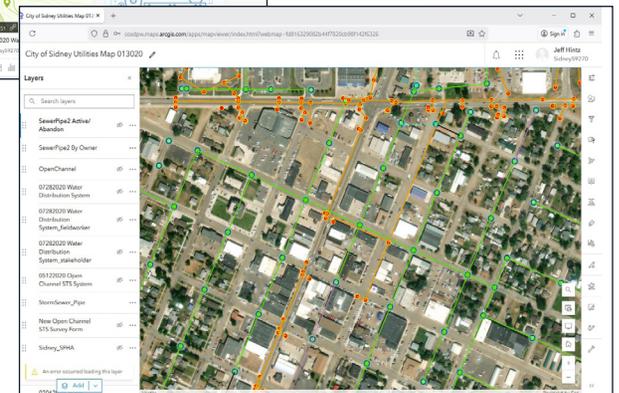
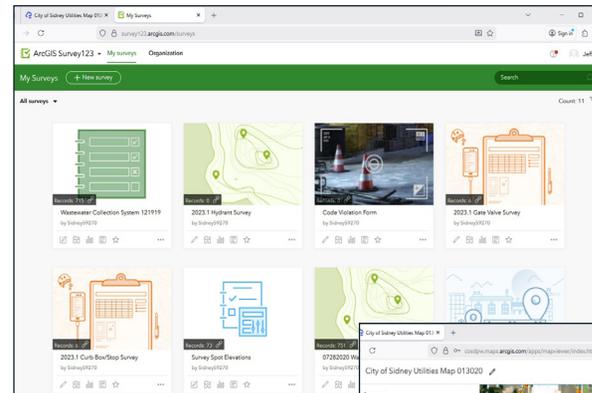
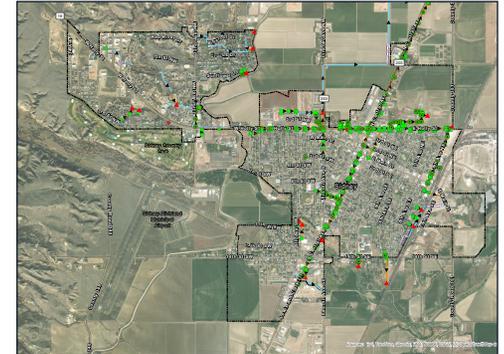


### GIS MSA (2020-present)

Since the establishment of the GIS database during the Stormwater Master Plan, our in-house GIS Expert, Steve Lowman, has continued to support the City through an on-call relationship.

**Steve's deep understanding of GIS licensing, platforms, fees, and the software's general capabilities has been invaluable to City staff.** His

consistent availability to troubleshoot issues and provide immediate guidance has strengthened the long-standing partnership between Morrison-Maierle and the City. His support ensures the GIS inventory is managed, updated, and improved over time.



## 4 RELEVANT EXPERIENCE-CITY OF SIDNEY PROJECTS

### *Anderson Drainage Improvements (2023-2024)*

Morrison-Maierle has been proud to support the City of Sidney throughout the full lifecycle of the Anderson Drainage Improvements project from conceptualization through the Stormwater Master Plan to completion. This project was also a high-priority flood mitigation need in the Anderson neighborhood. Baseline cost estimate data and concept design developed during the Stormwater Master Plan was used to secure over \$150,000 in ARPA funding for design and construction.

After additional data were collected, a refined analysis showed that the original concept of improving the detention pond was less cost-effective and did not provide the same level of benefit as improving conveyance. Our team completed hydraulic modeling, survey, and prepared easement documentation.

Our design team evaluated existing drainage patterns to confirm the magnitude of overtopping at 22nd Ave NW, which enabled us to design a solution that was both cost-effective and capable of handling the 100-year event. **Morrison-Maierle developed a solution with custom structures that met multiple City goals**, including preventing leaves and yard waste from clogging inlets, providing easy maintenance access, and facilitating a transition from open channel to piped conveyance to minimize surface flooding for nearby residents.

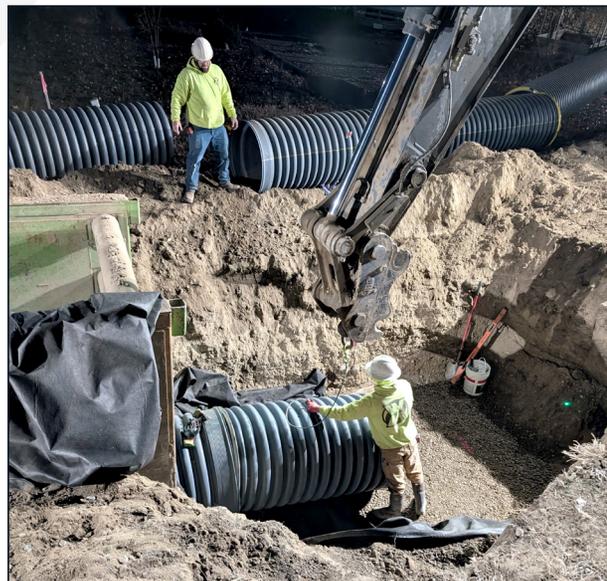


## 4 RELEVANT EXPERIENCE-CITY OF SIDNEY PROJECTS

### *Meadows Drainage Improvements (2022-2026)*

Similar to the Anderson project, the City and Morrison-Maierle worked together from conceptualization through the BRIC grant application process, and into design, bidding, and recent construction. The City had become well acquainted with the longstanding drainage and flooding challenges in the Meadows subdivision. Our focus was on translating those issues into a reliable solution to improve the neighborhood's stormwater system.

In 2021, Morrison-Maierle developed a concept solution and cost estimate for this project as part of the City's Stormwater Capital Improvements Plan. Due to the flood history, it was ranked as a high-priority project. By having baseline cost and design data, the City was well-positioned to apply for FEMA Building Resilient Infrastructure and Communities (BRIC) funding. Our Missoula-based team helped write a successful application for the City of Sidney, securing \$1.7 million to cover the full cost of engineering and construction.



Engineering design included evaluating a nearly 1,000-acre watershed, with site visits to investigate drainage patterns and storage in the upper watershed. We created and refined a hydrologic and hydraulic model to test alternatives that would meaningfully reduce peak flows.

Throughout design and permitting, our team navigated the complexities of the project as follows:

- Design: Consideration of split flows and tight field constraints; multi-agency coordination.
- Construction: Construction observation, survey staking.
- Scope: Over 1,000 feet of storm drain adjacent to the Main Canal, new collection network on Sage Lily Drive, 15 new structures including area inlets and large diameter manholes.

**Ultimately, this project represents a collaborative effort between the City and Morrison-Maierle to solve a long-standing flooding issue with resilient solutions that will benefit the Meadows neighborhood for years to come.**



## 4 RELEVANT EXPERIENCE

### ADVANCED HYDRAULIC MODELING AND URBAN FLOOD RESILIENCE

#### *City of Helena Downtown Stormwater Study (2025-2026)*



The Helena Downtown Stormwater Study was initiated in response to recurring flooding in the Last Chance Gulch Basin, which encompasses all of downtown Helena. In 2022, a severe storm with short-duration and high-intensity rain caused significant flooding and property damage. Recognizing the urgency to reduce potential flood risk in this critical downtown area, the City of Helena partnered with Morrison-Maierle to evaluate potential solutions. Morrison-Maierle evaluated the existing stormwater system and developed six potential solutions that will allow the City to make an informed decision on the most effective approach to mitigate downtown flooding.

The following summarizes aspects and challenges of the study:

- Update of the City's system-wide hydraulic model.
- Evaluation of multiple concepts including underground storage, new infrastructure, and off-site routing.
- Alternative development based on evaluated concepts.
- Alternative assessment and ranking based on cost, flood-mitigation performance, public disturbance, and regulatory challenges.
- Alternatives addressed the challenge of the main stormwater outfall running through a capped landfill, requiring unique construction solutions.

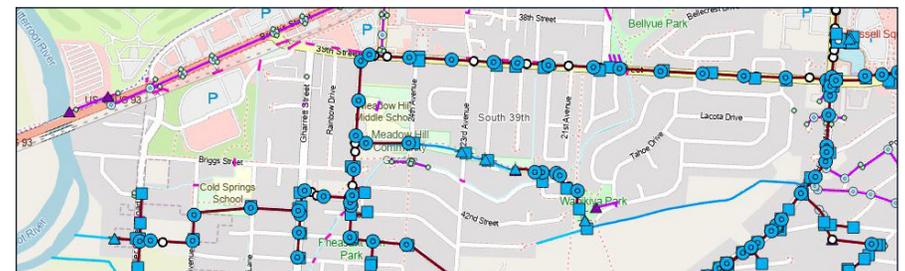
### STORMWATER QUALITY SOLUTIONS FOR MUNICIPALITIES

#### *City of Missoula Comprehensive Stormwater Quality Plan (2024-2025)*



To address challenges related to stormwater management and water quality, the City of Missoula partnered with Morrison-Maierle to develop a Comprehensive Stormwater Quality Plan. Missoula's unique geology allows large volumes of stormwater to infiltrate and be discharged into the Missoula Valley Aquifer, the area's sole source of drinking water. The City's goal is to be proactive regarding protecting water quality in the surface and groundwater and by extension the city's drinking water source. A collaborative approach made sure that all local knowledge was included in the stormwater assessment. The final Comprehensive Stormwater Quality Plan prepares the City to make decisions about current and future stormwater challenges, especially those posed by climate change, population growth, and evolving regulations. The work and deliverables of the Stormwater Quality Plan includes the following:

- City and Morrison-Maierle collaboration to develop data to help understand the contributing areas to Missoula's MS4 priority outfalls .
- Development of a data-based foundation to support water quality and capacity retrofits for existing infrastructure.
- Preparation of a hydraulic model of the city's largest watershed, which drains 9,800 acres and discharges to the Bitterroot River. This model was given to the City for their continued use in stormwater planning.
- Compilation of research and recommendations related to surface and groundwater quality.
- Water quality focused capital improvements plan.



## 4 RELEVANT EXPERIENCE

### COMPREHENSIVE WASTEWATER UPGRADES AND FUNDING STRATEGY FOR GARDINER

#### *Gardiner Park County Water and Sewer District (2017-2025)*

For over 10 years, the District has relied on Morrison-Maierle for the majority of its water and wastewater system engineering and funding procurement/administration needs, including the assessment, planning, funding, design, and construction of a comprehensive wastewater system upgrade. Morrison-Maierle collaborated with the District throughout this project to identify and design treatment system upgrades that meet the District's unique needs. **Morrison-Maierle maximized the available grant opportunities** and worked with multiple agencies to fund a project for which sewer rates were not raised to fund debt service.



#### **PLANNING AND ASSESSMENT – 2017, 2021**

- Initial in PER 2017 and PER Update in 2021
- Prompted by the need to remove sludge from the lagoons and repair or replace aging and deteriorating basin liners.
- Sludge sampling revealed high arsenic concentrations, which precluded land application of the sludge.

#### **DESIGN – 2021-2023**

- Efforts halted after the June 13, 2022, flood to determine the effects of the flood on the lagoon sludge.
- Changes to bid documents were made.
- **Morrison-Maierle sought and secured FEMA disaster funding to pay for the cost of additional sludge removal due to the flood.**

#### **CONSTRUCTION AND POST-CONSTRUCTION – 2024-PRESENT**

- Scope: sludge removal, dewatering, and hauling; removal and replacement of four lagoon liners; fine bubble aeration; new turboblowers with VFDs; mechanical upgrades for the blower room; 2,000 feet of 18" CIPP lining; and installation of a generator for the existing UV system.
- Close coordination between Gardiner wastewater staff, the contractor, and Morrison-Maierle regarding construction sequencing ensured that adequate treatment was provided at all times.

#### **FUNDING PROCUREMENT AND ADMINISTRATION**

Morrison-Maierle provided grant writing and funding administration for the project, including expert witness assistance with the National Park Service settlement and passing of the 1% resort tax. The resort tax is used for payments on the SRF loan, which is scheduled to be paid off early. **Rates were not required to be raised to fund the debt service on the project.**

The funding package included:

- National Park Service Settlement - \$1 Million
- ARPA Competitive Grant - \$2 Million
- RRGL - \$125,000
- Resort Tax Grant – \$500,000
- SRF Loan Forgiveness - \$490,850
- SRF Loan - \$3,075,000
- 1% Resort Tax Allocation - \$250k - \$400k per year, currently being used to pay the SRF debt service.

## 4 RELEVANT EXPERIENCE

### 100% GRANT FUNDED MAIN REPLACEMENT AFTER A DISASTER

#### *Gardiner North Bank Water Main Replacement (2022-2026)*



In June 2022, Gardiner experienced the effects of a 500-year flood event. A transmission main from the arsenic water treatment plant, which ran along the north bank of the Yellowstone River, was completely destroyed along with this section of the bank. Gardiner Water and Sewer District was eligible for FEMA disaster funding, which required quick action to ensure paperwork was filed appropriately and within the required regulatory timelines. **Morrison-Maierle was able to support the District with this process without delay because of an existing on-call contract. Work began immediately, while a contract amendment was scoped and prepared.** The FEMA process is arduous, and Morrison-Maierle provided

consistent coordination with FEMA and State DES, responses to information requests, and other paperwork to ensure the District received all the funding it was eligible for. The water line was relocated into the MDT Right-of-Way, including a connection to the existing main within the asphalt on Highway 89, which required additional regulatory permissions and alignment of plans and specifications. Project components included the following:

- **Grant support**
  - Secured FEMA Public Assistance Grant and additional State FEMA funding, only available after a declared disaster, which provided 85% of the actual project costs.
  - Secured USDA Rural Development Disaster Grant, which was used for the remaining 15%.
- **Engineering and Construction Administration**
  - Design of 1,400 linear foot section of piping, upsized to accommodate future capacity and relocated to a stable slope.
  - Coordination with the Montana Department of Transportation for design replacement and traffic control.

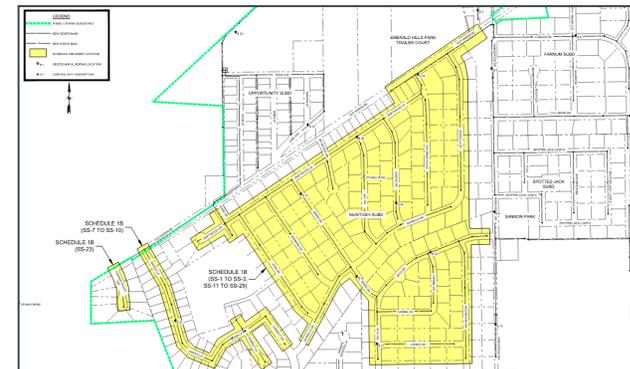
### COMPREHENSIVE PLANNING, FUNDING, AND DELIVERY OF A MAJOR SEWER EXPANSION

#### *Lockwood Water and Sewer District – Phase 3 Sewer (2022-2027)*

The Lockwood Water and Sewer District has partnered with Morrison-Maierle for almost three decades for the monumental undertaking of providing central drinking water and sewer collection systems for the community, which had been served by individual wells and septic systems. This project was driven by capacity concerns, failing septic systems, and the need to provide adequate water and sewer services to support a rapidly developing community. The District approached this project in multiple phases, and Phases 1 and 2 are completed. Phase 3 includes extending sewer service to approximately 790 parcels in the eastern portion of Lockwood. The project includes roughly 13 miles of gravity sewer main and two lift stations that will connect to the previously completed trunk main that flows to the City of Billings Water Reclamation Facility for treatment. Morrison-Maierle provided the following services:



- Preliminary Engineering Report Update and Environmental Assessment
- Successful grant applications for TSEP, RRGL, and ARPA and assistance with obtaining USDA Rural Development and SRF loans.
- Funding administration throughout.
- Support to the District for the establishment of a special assessment district.
- Design, bidding services, and construction administration.



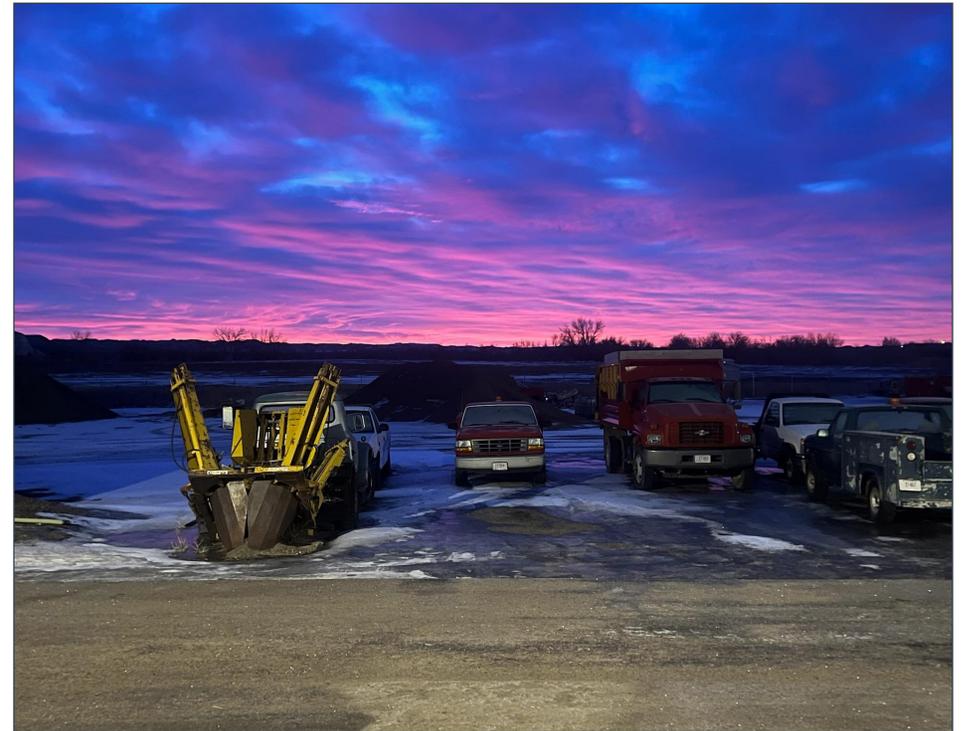
## 5 APPROACH TO ON-CALL/MSA WORK

### TEAM'S UNDERSTANDING OF THE CITY'S GOALS

The City of Sidney is setting itself up for long-term success by creating a roster of engineers and planners through on-call Master Services Agreements. This strategy enables the City to match each project with the firm best suited to its technical requirements while maintaining quick access to qualified professionals. By advancing planning efforts under on-call contracts, the City ensures it has shovel-ready projects available, strengthening its competitiveness for grant programs and helping secure favorable loan options. We see the following benefits to the City in this approach:

- **Advance coordinated planning across multiple infrastructure systems** to ensure capital investments are prioritized strategically, and project funding is directed toward the City's most critical needs and highest-value improvements.
- **Establish a multidisciplinary team of qualified engineers and planners** that provide the flexibility to assign each project to the consultant best aligned with its technical complexity, regulatory requirements, and implementation priorities.
- **Maintain readiness to respond quickly to urgent and emergency conditions** by having experienced consultants under contract who can rapidly assess issues, develop solutions, and support the timely restoration of essential public infrastructure.

We are prepared to serve as a trusted member of the City's on-call consultant team and to continue supporting Sidney's wastewater and stormwater systems. Our approach is organized into three components designed to help the City advance planning efforts, secure funding, and efficiently implement infrastructure improvements.



### MORRISON-MAIERLE'S APPROACH TO PROJECT DELIVERY

#### *1. Client-Centric Collaborative Planning, Design, and Funding Coordination*

The City benefits from a collaborative approach in which we work closely with staff to understand priorities, operational realities, regulatory needs, and long-term goals, ensuring every project is aligned with community objectives and positioned for successful funding and implementation. **By engaging City staff at the outset and coordinating with local planners, engineers, and surveyors, we develop resilient, low-maintenance, cost-effective solutions that support the broader capital program and maximize eligibility for grants and loans through thoughtful phasing and funding strategy.** Our team focuses on innovative, long-term design that reduces capital and life cycle costs without compromising performance or compliance—demonstrated by our recent coordination with EPA Region 8, which produced an alternative facultative lagoon reclamation approach that saved the City roughly \$5 million while meeting regulatory requirements.

# 5 APPROACH TO ON-CALL/MSA WORK

## 2. Technical Approach and Work Plan

We take a structured, proactive approach to assessing infrastructure needs, preparing planning documents, and advancing projects efficiently. Our extensive experience with Sidney's wastewater and stormwater systems allows us to quickly evaluate conditions, define clear scopes, and develop fundable, technically sound solutions that integrate seamlessly with existing facilities, standards, and long-term plans. Because we understand your infrastructure, staff workflows, and performance objectives, we can anticipate constraints, identify practical solutions, and streamline coordination—reducing redesign, shortening decision timelines, and delivering constructible designs that support Sidney's long-term reliability and service goals.



**Wastewater PER.** Effective infrastructure investment starts with strong planning, and updating the City's Wastewater Preliminary Engineering Report (PER) will provide the technical basis for prioritizing improvements and directing limited funds to the most critical collection and treatment needs. Completed per Montana's Uniform PER format, the update will assess current system conditions and reflect revised population and growth projections, including evaluations of:

- Wastewater Treatment Facility
- Inflow and Infiltration (I&I)
- Updated hydraulic model of the collection system
- Lift station condition and capacity

We will coordinate closely with the City to develop a PER schedule that aligns with planning efforts and funding cycles, maximizing eligibility for grants such as MCEP, RRGL, and CDBG. These programs—along with SRF and USDA RD—also offer construction funding and potential loan forgiveness, and all viable funding pathways will be incorporated into the PER to support successful project implementation.

**Stormwater.** The completion of the City's Stormwater Master Plan in 2021 provided a strong GIS foundation and helped advance several priority capital projects, including drainage improvements in the Meadows and Anderson subdivisions. With the Meadows project wrapping up in spring 2026, the City can now shift focus to the Wagon Wheel neighborhood—the next major stormwater priority identified in the CIP for 2027–2028. To prepare for this significant investment, the City may consider formally establishing a stormwater utility, and we will work with staff to revisit the 2021 recommendations and update rates and costs to current conditions.

Because funding is essential for small communities, our team continuously monitors available infrastructure grants and has a strong record of helping the City secure competitive funding. The next step toward implementing the Wagon Wheel project is identifying viable funding sources and aligning them with construction timelines. We will provide the City with timely, clear information to determine the best moment to move forward with its next stormwater investment.



## 5 APPROACH TO ON-CALL/MSA WORK

### 3. Accountable Full-Service Delivery and Support

**Full-Service Delivery.** Our multidisciplinary team provides reliable support from planning and funding through design and construction. In addition to wastewater and stormwater engineering, Morrison-Maierle provides all supporting engineering disciplines, including environmental, electrical, structural, and mechanical engineering, which gives the City of Sidney a single point of responsibility and eliminates coordination gaps between subconsultants that can lead to increased errors and construction change orders.

#### **Responsive Communication and Accountable Support.**

Successful projects rely on clear communication, accessibility, and accountability. Our project managers stay engaged with City staff, identifying issues early, clarifying needs, and developing practical solutions. We respond promptly to questions, maintain schedules, and provide defensible engineering documentation when regulatory or legal matters arise, supported by experience working with attorneys and serving as expert witnesses.



**Specialized Team Assembly and Collaborative Delivery.** We tailor each task order to its technical and scheduling needs by drawing from our multidisciplinary staff in engineering, GIS, permitting, funding, and construction support. Project team members are assigned based on expertise to ensure the City receives the most qualified guidance. We also integrate effectively with planners, surveyors, and other consultants, maintaining clear roles and communication to support efficient, cohesive project delivery.

**Structured Project Execution and Oversight.** Our structured approach helps anticipate challenges and keep assignments moving efficiently. We coordinate early with the City, regulatory agencies, landowners, funding partners, and other consultants to maintain alignment and avoid delays. As projects progress, we prepare detailed plans and specifications, assist with procurement, and provide responsive construction phase support—including submittal reviews, RFIs, site observation, and payment review—to ensure work aligns with design intent.



## 6 SCOPE OF SERVICES

Morrison-Maierle is presenting our qualifications for the following services as requested in the Request for Qualifications:

### ENGINEERING SERVICES

- Preliminary engineering reports (PERs)
- Water, wastewater, stormwater, street, and civil infrastructure design
- Construction administration, inspection, and testing
- GIS mapping support
- Capital improvement planning (CIP)
- Cost estimating and budgeting
- Environmental documentation and permitting
- Preparation of bid documents and procurement assistance

### GRANT WRITING & ADMINISTRATION

- Identification of funding opportunities
- Grant application preparation
- Project administration and reporting
- Compliance tracking
- Coordination with funding agencies

## 7 CAPACITY AND CURRENT WORKLOAD

Client service to the City of Sidney is a priority for each of our selected team members. We are committed to providing consistent and quality resources for your projects. Below are the team members' current commitments and the dates of their completions, giving you a clear picture of our ability to provide the City with the necessary resources. These individuals are supported by more than 330 additional employee-owners.

<u>TEAM MEMBER &amp; PROJECT ROLE</u>	<u>CURRENT AVAILABILITY</u>	<u>AVAILABILITY THROUGH 2030</u>
Laura Gundlach, PE   Client Service Manager/Wastewater Project Manager	20%	25%
Carly Kittleson, PE   Assistant Client Service Manager/Stormwater Project Manager	30%	40%
Molly Davidson, PE   Stormwater Technical Advisor	10%	10%
Rika Lashley, PE   Water/Wastewater Engineer	15%	20%
Steve Lowman, GISP   GIS	40%	40%
Julie Hofbauer   Grant Writing and Funding Administration	30%	40%
Tyler Parker, PE   Project Engineer/Construction Management	10%	50%
Christine Percy   Environmental/Permitting	10%	15%
Kurtis DeShaw, PE   Technical Lead/QA Modeling	5%	5%
Jeff Ashley, PE   Water/Wastewater Technical Advisor	5%	5%
Jason Mercer, PE   Project Principal	3%	3%

## 8 REFERENCES

### **CITY OF SIDNEY**

Name: Jeff Hintz, Director of Public Works

Phone: (406) 433-2809

Email: [publicworks@cityofsidneymt.com](mailto:publicworks@cityofsidneymt.com)

### **CITY OF MISSOULA STORMWATER**

Name: Tracy Campbell

Phone: 406-830-5455

Email: [CampbellTL@ci.missoula.mt.us](mailto:CampbellTL@ci.missoula.mt.us)

### **CITY OF MISSOULA WATER & SEWER**

Name: Andy Schultz

Phone: 406-552-6758

Email: [schultza@ci.missoula.mt.us](mailto:schultza@ci.missoula.mt.us)

### **LOCKWOOD WATER AND SEWER DISTRICT**

Name: Mike Ariztia, District Manager

Phone: (406) 259-4120

Email: [mikea@lockwoodwater.com](mailto:mikea@lockwoodwater.com)

### **GARDINER WATER AND SEWER DISTRICT**

Name: Josh Wells, District Manager

Phone: (406) 848-7734

Email: [gardinerws@outlook.com](mailto:gardinerws@outlook.com)





# Laura Gundlach, PE

Client Service Manager/  
Wastewater Project Manager



Helena, MT

Laura Gundlach has worked with the City of Sidney on the development of their wastewater facilities from 2013 to the present - planning, funding, designing, and constructing the largest aerated lagoon treatment system in Montana. She is a water and wastewater engineer with experience in planning, funding, design, and construction of municipal water and wastewater facilities and has served as a project manager on a variety of collection, distribution, and treatment projects. Laura's project experience includes preparing reports, design drawings, and specifications; coordinating with governmental agencies for funding and permitting; grant writing; funding administration; and overseeing construction administration.

## 14 Years Experience

### Education

Civil Engineering ME, 2011; University of Texas at Austin

Physics BA, 2008; University of Montana

### Registration

» MT PE 49475

### Expertise

- » Wastewater Facility Planning and Design
- » Construction Administration
- » Federal and State Funding Options and Requirements
- » Grant and Loan Administration
- » Wastewater Collection Systems
- » Water Distribution Systems

### Professional History

2016-Present:  
Morrison-Maierle

2013-2016:  
Murtagh Municipal Engineering

### City of Sidney

Wastewater Phase IV Sludge Removal  
Neilsen Halvorsen Sewer Main Replacement  
Wastewater Lagoon Phase 3 Design/CA  
Lagoon Phase 2 Design/CA  
City Shop Washdown Station  
Sewer On-Call  
Capital Improvement Plan

**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Engineer

### Gardiner-Park Co. Water & Sewer District

2024 Wastewater Facility Improvements  
2025 North Bank Watermain Design/CA  
Yellowstone River W&S Crossings Design  
Granite Street Water Line Design/CA  
Arsenic Plant Transmission Main Replace.  
Wastewater System PER  
Water System PER  
Headworks Evaluation  
Annual On-Call Services

**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Manager

### Lockwood Water & Sewer District

2020 WTP Design Improve. Design/CA  
Johnson Ln-Hwy 87 E Waterline Extension  
LT2 Compliance Tech Memo  
Mid-Zone Water Storage Tank Design

**Role:** CAManager  
**Role:** CA Manager  
**Role:** Project Engineer  
**Role:** Project Engineer

### Town of Hysham

Water System Design/CA

**Role:** CA Manager

### City of Billings

2017 Sanitary Sewer Rehab  
Fox Pump Station  
Schedule 2 Sewer Rehab  
Voelker Pump Station Imp & Staples Gen

**Role:** Civil Engineer  
**Role:** Civil Engineer  
**Role:** Civil Engineer  
**Role:** Civil Engineer

### City of Deer Lodge

Wastewater Treatment Plant

**Role:** Project Engineer

### Butte-Silver Bow Government

WWTP Phase 2 MBR Upgrades

**Role:** Project Engineer

### Town of Lodge Grass

Phase 2 WWTF Improvement  
MAG Funded Engineering Services  
Ph 2 WWTF Construction Administration  
Wastewater Improvement

**Role:** Civil Engineer  
**Role:** Design Engineer  
**Role:** Civil Engineer  
**Role:** Project Engineer

### Town of Plains

WWTP Relocation

**Role:** Civil Engineer



# Carly Kittleson, PE

Assistant Client Service Manager/  
Stormwater Project Manager



Missoula, MT

Carly Kittleson is a water resources engineer with experience in a wide array of hydraulic design applications. Her expertise lies in hydraulic structures, open channel hydraulics, stormwater design, and irrigation facilities. She has all-encompassing experience in modeling, design, and construction oversight of large woody debris, bank stabilization, and aquatic habitat features. She has five years of experience in long-range planning documents, federal and state grant applications, administering grant awards, and has helped clients obtain over \$1.5 million in grant funding.

## 6 Years Experience

### Education

Civil/Environmental Engineering BS, 2019; Iowa State University

### Registration

- » MT PE 91135
- » ID PE 4671767
- » WA PE 25023748
- » OR PE 107716

### Expertise

- » Hydraulic Structures
- » Planning Documents
- » State/Federal Funding Programs
- » Stormwater Modeling
- » Master Planning
- » Stream Restoration

### Professional History

2020-Present:  
Morrison-Maierle

### City of Sidney

Stormwater Master Plan  
Stormwater On-Call  
BRIC Grant App. Meadows Flood Mitigation  
Meadow Subd Drainage Flood Mitigation  
Anderson Subdivision Drainage Impr.

**Role:** Engineer Intern  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer

### City of Missoula

N Riverside Parks & Trails Ph 1 Impr.  
Clark Fork Bank Stabilization  
Caras Park SW Pretreatment Ph 2  
Stormwater Master Planning  
Wastewater PER  
Upper Gharrett Storm Water  
Comprehensive Stormwater Quality Plan  
Highpark Drainage PER  
Lincoln Hills Water Storage Tank Impr.

**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Design Engineer  
**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Engineer Intern

### City of Helena

Downtown Stormwater PER

**Role:** Design Engineer

### State of Montana Department of Natural Resources

Madison Jefferson River Survey PPC Map  
Allendale Canal Intake and Fish Screen  
Ruby River Dam and Reservoir  
Bitterroot River Hydr Analysis & FP Map  
Broadwater Jetty & Main Canal Imp  
Tongue River Dam Outle  
Teton Structures & Bathymetric Survey  
Big Horn, Treasure & Rosebud Map Rev

**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Technical Intern  
**Role:** Engineer Intern  
**Role:** Design Engineer  
**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Engineer Intern

### Ravalli County

Tower Facility EHP Compliance  
Como Dam BRIC Grant Asst

**Role:** Engineer Intern  
**Role:** Engineer Intern

### Corvallis-Ravalli County Sewer District

Wastewater Treatment Improvements PER

**Role:** Engineer Intern

### Town of Alberton

TA Grant Application  
Hank Roat Park Trail  
TA Grant Application

**Role:** Engineer Intern  
**Role:** Design Engineer  
**Role:** Engineer Intern

### Bitter Root Irrigation District

Planning Study and RRG Application  
Como Dam Wtr Enhancement  
Como Dam Valves Grants  
Planning Study  
Technical Services As-Needed

**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Engineer Intern  
**Role:** Design Engineer

### Yellowstone Irrigation District

Resource Benefits Master Plan  
Lateral 17.6 Rehab Phase 1  
Lateral Rehabilitation Technical Narrative  
Main Canal Rehab

**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer



# Molly Davidson, PE

Stormwater Technical Advisor



Missoula, MT

Molly Davidson is a water resources engineer with experience in planning, grant writing, and grant administration for water resource projects. She is proficient in grant writing and administration and managing complex water resource projects. Since 2009, she has assisted clients in obtaining and/or administering 76 natural resource grants totaling \$6.7 million. She is certified in FEMA Hazard Mitigation Program's Benefit Cost Analysis Procedure and trained in FEMA Hazard Mitigation Program's Preparing Quality Grant Applications. Her experience includes consultant grant reviews for 10 years for the Montana Department of Natural Resources and Conservation's Renewable Resource Grant Program. Molly is the lead Natural Resource Grant Expert for Morrison-Maierle.

## 25 Years Experience

### Education

Civil Engineering, Bio-Rescources, 2000;  
Montana State University

### Registration

» MT PE 15053

### Expertise

- » Grant Writing / Administration
- » Hydraulic Structure
- » Irrigation Design
- » Permitting / NEPA
- » Storm Water Drainage Systems

### Professional History

1999-Present:  
Morrison-Maierle

### City of Sidney

Stormwater Master Plan  
BRIC Grant App. Meadows Flood Mitigation  
Meadow Subd Drainage Flood Mitigation  
Anderson Subdivision Drainage Impr.

**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Manager

### City of Missoula

Clark Fork Bank Stabilization  
Caras Park SW Pretreatment Ph 2  
Stormwater Master Planning  
Wastewater Facility Plan  
Upper Gharrett Storm Water  
Buckhouse Bridge Outfall  
TU-Rattlesnake Dam Removal  
Clouse ESA Ph 1  
Comprehensive Stormwater Quality Plan

**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Design Engineer  
**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Project Manager

### City of Helena

Stormwater Engineering & Design Stand.  
Downtown Stormwater PER

**Role:** Project Manager  
**Role:** Quality Assurance

### Lockwood Water & Sewer District

NEPA Env. Assessment for WTP Upgrade

**Role:** Project Engineer

### Ravalli County

Como Dam Water Enhancement Grant Asst  
Tower Facility EHP Compliance  
Como Dam BRIC Grant Asst

**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Project Engineer

### Granite County

Flint Creek Dam Grant PER

**Role:** Project Engineer

### State of Montana Department of Natural Resources

RRG Review 2022  
Philipsburg RDG Grant Review  
RD-MM-455 Grant Review  
RD-MMI-616-7 RDG Reviews  
RDG Review 2022  
RD-MMI-616-8-RDG Reviews  
2020 RRG Grant Application Review

**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Project Engineer

### Hysham Irrigation District

CIP  
Relift Pump Station  
DNRC RRGL Grant  
Intake Structure  
Update RRG Application  
Intake Improv - RRG Application  
Relift Canal Improvements

**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Quality Assurance  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Manager



# Rika Lashley, PE

Water/Wastewater Engineer



Helena, MT

Rika Lashley is an environmental engineer who works in Morrison-Maierle's Helena office. Her experience includes planning, design, and construction of water and wastewater conveyance and treatment systems, with an emphasis on wastewater process design for biological nutrient removal and lagoon systems. Specific focus areas include wastewater treatment systems assessment and planning, hydraulic profile development, BioWin process modeling, bioreactor design, effluent mixing zone studies, and land application of biosolids. Her water experience includes arsenic removal, chemical feed systems, chlorine and UV disinfection, and small water systems.

## 20 Years Experience

### Education

Environmental Engineering BS, 2005; South Dakota School of Mines and Technology

### Registration

» MT PE 20188

### Expertise

- » Biosolids Disposal
- » Lagoon Design
- » Lift Station Design
- » MPDES Permitting
- » Municipal Facility Planning
- » Sludge Removal
- » Wastewater Treatment Assessment and Planning
- » I&I Analysis

### Professional History

2006-Present:  
Morrison-Maierle

#### City of Sidney

Sewer On-Call  
Lagoon Phase 3 Design  
Wastewater Phase IV Sludge Removal  
Lagoon Phase 2 Design/CA

**Role:** Design Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer

#### City of Missoula

WWTP PEL Pump Replacement  
RRF Emergency Generator  
FY24 Water & Wastewater Facility Plan  
Cogeneration System  
WWTP Digester Cleaning  
Wastewater Facility Plan  
Poplar Pump Project  
Wastewater PER  
WWTP Influent Pumps

**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Project Engineer  
**Role:** Design Engineer

#### City of Helena

WW Collection & Treat System Master Plan

**Role:** Project Engineer

#### Gardiner-Park Co. Water & Sewer District

Annual On-Call Services  
Wastewater Improvements  
2022 Flood Emergency On-Call  
Grant Application & Headworks Tech Memo  
Yellowstone River W&S Crossings Design

**Role:** Project Engineer  
**Role:** Design Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Design Engineer

#### City of Glasgow

WWTP Maintenance Project  
Hillside Dr Water & Sewer Replacement  
Water System PER 2014  
Water System Improvements

**Role:** Project Manager  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Project Engineer

#### Bigfork Water & Sewer District

WWTP Capacity Analysis  
Miscellaneous Engineering Services  
2022 PER Update & Sewer Modeling

**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer

#### Butte-Silver Bow Government

WWTP Capacity Analysis

**Role:** Project Manager

#### City of Chinook

Wastewater System PER  
Water System Improvements Design  
Water Treatment Plant Improvements  
Wastewater Improvements

**Role:** Project Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer

#### Corvallis-Ravalli County Sewer District

2021 WW Treatment Facility Impr.PER  
Wastewater Improvements Phase 1  
ARPA Funding Application

**Role:** Design Engineer  
**Role:** Design Engineer  
**Role:** Design Engineer

#### Town of Lodge Grass

Phase 2 WWTF Improvement  
MAG Funded Engineering Services  
Wastewater PER  
Ph 2 WWTF Construction Administration  
Wastewater Improvement  
WW PER Update

**Role:** Design Engineer  
**Role:** Project Engineer



# Steve Lowman, GISP

GIS Specialist



Sheridan, WY

Steve Lowman is a CAD Technician with experience in complex GIS applications, surveying, GPS, and geospatial data. He uses his skills and experience in solving GIS problems and analysis to create GIS Data and Maps with the client's needs in mind. Steve is proficient in ESRI Software products, ArcGIS Desktop, ArcGIS Pro, ArcGIS Online, and more. Steve is also experienced in AutoCAD and using programming, such as Python, within the ESRI environment. Steve's experience with surveying and programming brings a unique perspective to his GIS abilities. His ability to train others, troubleshoot and maintain GIS programs, and vast knowledge make him a valuable addition to Morrison-Maierle. Steve's involvement in developing GIS databases ensures they are of the highest quality.

## 30 Years Experience

### Education

Land Use/GIS/Surveying BS, 1993; Metropolitan State University of Denver

### Registration

» WY GISP 51691

### Expertise

- » ARCGIS Online
- » ARCGIS PRO
- » CAD
- » Data Conversion
- » GIS
- » GPS
- » Python
- » Surveying

### Professional History

2016-Present:  
Morrison-Maierle

2013-2016: Vista  
West Engineering, GIS  
Coordinator

2003-2011: City of  
Sheridan, WY, GIS  
Coordinator

### City of Sidney

Stormwater Master Plan  
Stormwater On-Call  
Sewer On-Call  
Wastewater Phase IV Sludge Removal  
Anderson Subdivision Drainage Impr.

Role: GIS Analyst  
Role: GIS Specialist  
Role: GIS Analyst  
Role: GIS Analyst  
Role: GIS Analyst

### City of Missoula

Stormwater Master Plan

Role: GIS Analyst

### City of Sidney

Mount/Park/Thame Water System Imp  
Wastewater Facility Plan  
East Central/Sussex Water Main  
North 2nd St-Orange East Water Replace.  
Grant Creek Lift Station Replacement  
N Main St Water System Improvements

Role: GIS Analyst  
Role: GIS Analyst

### City of Helena

WWCollection & Treatment Master Plan  
Downtown Stormwater PER

Role: GIS Analyst  
Role: GIS Analyst

### Gardiner-Park Co. Water & Sewer District

Wastewater Improvements  
2022 Flood Emergency On-Call  
Granite Street Water Line  
Yellowstone River W&S Crossings Design

Role: GIS Analyst  
Role: GIS Analyst  
Role: GIS Analyst  
Role: GIS Analyst

### Lockwood Water & Sewer District

Phase 3 Sewer Subdistrict  
Lockwood Subdivision Water Impr  
Johnson Ln Interchange W&S Impr  
Phase 2 Sewer Subdistrict  
Johnson Ln-Hwy 87 E Waterline Ext  
2021/2022 Ph 3 Sewer Bonding Assistance  
Water Atlas Map

Role: GIS Analyst  
Role: GIS Specialist  
Role: GIS Analyst

### KLJ Engineering LLC

Lockwood TEDD Prelim Eng

Role: GIS Analyst

### City of Billings

Heights Water District Consolidation Study  
2025 Sewer Main Replacement  
Pioneer Park Water Rehabilitation Project  
Wastewater Master Plan Update  
West End Water Treatment Plant

Role: GIS Analyst  
Role: GIS Analyst  
Role: GIS Analyst  
Role: GIS Analyst  
Role: GIS Analyst

### Bigfork Water & Sewer District

West Trunk Sewer Model  
Bay Sewer Project  
Miscellaneous Engineering Services  
Bigfork 2025-2029 Misc. Engineering  
2022 PER Update & Sewer Modeling  
W. Trunk Sewer & Collection Sys Rehab

Role: GIS Analyst  
Role: GIS Analyst



# Julie Hofbauer

Grant Writing and Funding Administrator



Missoula, MT

Julie Hofbauer specializes in grant management/administration for Morrison-Maierle's Water/Wastewater market group. Julie coordinates with project managers and clients to help identify funding opportunities that align with project and community needs. She effectively communicates with key stakeholders throughout the entirety of the grant cycle to ensure compliance with the grant's terms and conditions, staying ahead of any issues that could arise. Julie has several years of experience in grant writing, reporting, financial oversight, and program evaluation. She has successfully secured and managed funding for a diverse range of projects.

## 13 Years Experience

### Education

Community Health BS, 2012; Montana State University

### Expertise

- » Aligning Needs
- » Budgets/Effective Spending
- » Coordination with Key Stakeholders
- » Draw/Reimbursement Requests
- » Funding Requirements/Eligibility
- » Grant Administration
- » Grant Award Processes
- » Grant Compliance/Reporting
- » Grant Management
- » Grant Monitoring/Evaluation
- » Identification of Funding Opportunities
- » Project Management

### Professional History

2021-Present:  
Morrison-Maierle

### City of Sidney

Stormwater Master Plan  
Meadow Subd Drainage Flood Mitigation  
Anderson Subdivision Drainage Imp,

**Role:** Admin. Manager  
**Role:** Admin. Manager  
**Role:** Admin. Manager

### City of Missoula

RRF Emergency Generator  
Momont #2 LS & Harlequin Water  
Industrial Dr to Momont 1 LS Sewer Imp.,  
Water Main Replacement  
N 1st St West Water Main

**Role:** Grant Manager  
**Role:** Grant Manager  
**Role:** Grant Manager  
**Role:** Grant Manager  
**Role:** Grant Manager

### KLJ Engineering LLC

Lockwood TEDD Prelim Eng,

**Role:** Admin. Manager

### Corvallis-Ravalli County Sewer District

Wastewater Improvements Phase 1

**Role:** Grant Manager

### Victor Water and Sewer District

On Call Services  
Wastewater Improvements Design

**Role:** Grant Manager  
**Role:** Grant Manager

### City of Kalispell

Lower Zone 1.7 and 2.7 MG Storage Tanks

**Role:** Grant Manager

### Bigfork Water & Sewer District

W. Trunk Sewer & Collection Sys Rehab

**Role:** Grant Manager

### Flathead County Water District #1

2025 Underground Lines & Septic Tank

**Role:** Grant Manager

### Glacier Electric Cooperative, Inc

Grant Support Services

**Role:** Grant Manager

### Pablo Water and Sewer District

Wastewater Headworks

**Role:** Grant Manager

### State of Montana Department of Natural Resources

Green Tree Meadows W&S Dist Tech Asst

**Role:** Grant Manager

### City of Ronan

Water Main Replacement TO#1

**Role:** Admin. Manager



# Tyler Parker, PE

*Project Engineer/Construction Management*



Billings, MT

Tyler Parker is a Water/Wastewater Engineer with experience in Heavy Civil Construction. He has worked on diverse projects, including water systems, gravity sewer, forcemain piping, surface restoration, light rail systems, airfield concrete paving, landfill closures, and dam removals, with a combined contract value exceeding \$350 million. Tyler has been deeply involved in all construction phases, focusing on environmental compliance, cost management, safety, and team coordination, and has strong communication skills to provide high-quality client service. Additionally, he has expertise in drone photogrammetry and related software.

## 9 Years Experience

### Education

Civil Engineering BS, 2017;  
Montana State University

### Registration

- » MT PE 75302
- » FAA Remote Pilot

### Expertise

- » Civil Engineering
- » Construction Contract Administration
- » Construction Inspection & Testing
- » Construction Management
- » Geomembrane Liner Systems
- » Heavy Civil Construction
- » Resident Project Representative

### Professional History

2025-Present:  
Morrison-Maierle

2017-2025: Kiewit  
Infrastructure West Co.

### Lockwood Water & Sewer District

Phase 3 Sewer Subdistrict	<b>Role:</b> Civil Engineer
Lockwood Subdivision Water Improvements	<b>Role:</b> Civil Engineer
On-call Water System Consulting	<b>Role:</b> Civil Engineer
I-90 W&S Crossings East of Johnson Ln CA	<b>Role:</b> Civil Engineer
Mid-Zone Water Storage Tank Design	<b>Role:</b> Civil Engineer

### Gardiner-Park Co. Water & Sewer District

Yellowstone River W&S Crossings Design	<b>Role:</b> Civil Engineer
--	-----------------------------

### City of Billings

2026 Sanitary Sewer Replacement	<b>Role:</b> Civil Engineer
2025 Sewer Main Replacement	<b>Role:</b> Civil Engineer
Cedar Park Water Main Replacement	<b>Role:</b> Civil Engineer
Rosemont Way Water Main Replacement	<b>Role:</b> Civil Engineer
Voelker Pump Station	<b>Role:</b> Civil Engineer
West End Water Treatment Plant	<b>Role:</b> Civil Engineer

### Town of Lodge Grass

Phase 2 WWTF Improvement	<b>Role:</b> Civil Engineer
Ph 2 WWTF Construction Administration	<b>Role:</b> Civil Engineer

### Town of Winnett

Phase 1 Wastewater Improvements	<b>Role:</b> Civil Engineer
---------------------------------	-----------------------------

### Yellowstone County

Lockwood N Frontage Waterline Extension	<b>Role:</b> Civil Engineer
---	-----------------------------

### Crow Nation

Phase 3C Wastewater Improvements	<b>Role:</b> Civil Engineer
----------------------------------	-----------------------------

### City of Billings

2026 Sanitary Sewer Replacement	<b>Role:</b> Civil Engineer
---------------------------------	-----------------------------



# Kurtis DeShaw, PE

Technical Lead/QA Modeling



Billings, MT

Kurtis DeShaw is a Senior water/wastewater engineer and the Billings Office Water/Wastewater Market Group Leader. He specializes in system hydraulics, modeling, pump stations, lift stations, urban streets, and water and sewer rehabilitation projects. Kurtis has managed a wide range of private and public projects, including over 250,000 feet of water and sewer mains, multiple pump stations, lift stations, and buildings. He prioritizes client experience and communication to deliver successful projects.

## 20 Years Experience

### Education

Civil Engineering BA, 2006;  
Carroll College

### Registration

» MT PE 17543

### Expertise

- » Capital Planning
- » Civil Engineering
- » Construction Administration
- » Hydraulics
- » Infrastructure Design
- » Lift Stations and Forcemains
- » Master Planning
- » Permitting
- » Preliminary Engineering Report
- » Project Planning, Funding & Initiation
- » Stormwater
- » Utility and Stream Permitting

### Professional History

2005-Present:  
Morrison-Maierle

### City of Sidney

Wastewater Phase IV Sludge Removal

Role: Technical Advisor

### Gardiner-Park Co. Water & Sewer District

2025 North Bank Water Main CA  
Water System PER

Role: Quality Assurance

Role: Technical Advisor

Role: Technical Advisor

Role: Technical Advisor

Role: Quality Assurance

Role: Technical Advisor

Role: Technical Advisor

Role: Technical Advisor

Wastewater Improvements

2022 Flood Emergency On-Call

Development Impacts Review 108 5th St.

Granite Street Water Line

Yellowstone River W&S Crossings Design

2023 North Bank Water Main

### Lockwood Water & Sewer District

Phase 3 Sewer Subdistrict

Role: Technical Advisor

2020 WTP Design Improvements & CA

Role: Technical Advisor

2015 Water Master Plan

Role: Hydraulic Engineer

Lockwood Subdivision Water Improvements

Role: Quality Assurance

Johnson Lane Interchange Water and Sewer

Role: Quality Assurance

On-call Water System Consulting

Role: Technical Advisor

2020 WTP Upgrade Design

Role: Hydraulic Engineer

2022 Water PER Update

Role: Hydraulic Engineer

Phase 2 Sewer Boundary Revision

Role: Hydraulic Engineer

Mid-Zone Water Storage Tank Design

Role: Project Manager

Mid-Zone Reservoir Pre-Design Analysis

Role: Hydraulic Engineer

### KLJ Engineering LLC

Lockwood TEDD Prelim Eng

Role: Quality Assurance

Lockwood TEDD Infrastructure

Role: Project Manager

TEDD Water & Sewer Ext PER

Role: Hydraulic Engineer

### City of Billings

Wastewater Master Plan Update

Role: Technical Advisor

Heights Water District Consolidation Study

Role: Project Manager

2026 Sanitary Sewer Replacement

Role: Project Manager

Grand Avenue Waterline Replacement

Role: Project Manager

MT Avenue Sewer Main Replacement

Role: Project Manager

Voelker Pump Station Study

Role: Project Manager

Briarwood Sanitary Sewer Main Extension

Role: Project Engineer

2025 Sewer Main Replacement

Role: Project Manager

Cedar Park Water Main Replacement

Role: Project Manager

Rosemont Way Water Main Replacement

Role: Project Manager

Walter Pump Station Generator

Role: Project Manager

### City of Laurel

On Call Water and Wastewater System

Role: Project Manager



# Christine Percy

*Environmental Scientist/Permitting*



Bozeman, MT

Christine Percy possesses extensive experience in the environmental field in the Rocky Mountain West. During this time, she has conducted numerous environmental assessments, permitted complex environmental projects, organized multi-source data collections for environmental mapping projects, managed data collection efforts supporting basin-scale groundwater modeling projects, and managed field programs for baseline groundwater quality studies. She is proficient in GIS and database programs and can use them conjunctively to analyze large data sets supporting environmental studies.

## 23 Years Experience

### Education

Natural Res & Env Science BS, 2001; Purdue University

Earth Science MS, 2009; Tulane University

### Expertise

- » Biogeochemistry
- » Environmental Assessment
- » Environmental Permitting
- » GIS
- » NEPA/MEPA Compliance
- » Western Water Resources Issues

### Professional History

2010-Present: Morrison-Maierle

2007-2009: Tulane University

2002-2007: S.S. Papadopoulos & Associates

### City of Sidney

Meadow Subdiv Drainage Flood Mitigation  
Anderson Subdivision Drainage Impr.

**Role:** Environ. Scientist  
**Role:** Environ. Scientist

### City of Missoula

Momont #2 LS & Harlequin Water  
Grant Creek Lift Station Replacement

**Role:** Environ. Scientist  
**Role:** Environ. Scientist

### Gardiner-Park Co. Water & Sewer District

Yellowstone River W&S Crossings Design  
Yellowstone River WS Crossing Design

**Role:** Environ. Scientist  
**Role:** Environ. Scientist

### Lockwood Water & Sewer District

2020 WTP Upgrade Design  
NEPA Env. Assessment for WTP Upgrade

**Role:** Environ. Scientist  
**Role:** Environ. Scientist

### Sun Prairie Village County

Water PER

**Role:** Environ. Scientist

### Town of Hot Springs

WWTF Blower Control Upgrade  
Water System Improvements  
CIP

**Role:** Environ. Scientist  
**Role:** Environ. Scientist  
**Role:** Environ. Scientist

### Bigfork Water & Sewer District

2022 PER Update & Sewer Modeling  
Rae Water & Sewer District  
Preliminary Engineering Report

**Role:** Environ. Scientist  
**Role:** Environ. Scientist

### City of Glasgow

Raw Water Trans Main River Crossing Replac.  
Water System PER 2021

**Role:** Environ. Scientist  
**Role:** Environ. Scientist

### Flathead County Water District #1

Evergreen WW PER Amendment

**Role:** Environ. Scientist

### City of Columbia Falls

BUILD Grant Application

**Role:** Environ. Scientist

### City of Billings

West End Water Treatment Plant

**Role:** Environ. Scientist

### City of Whitefish

Spokane Ave Water Main Replacement  
Water Source & Treat. Capacity Exp

**Role:** Environ. Scientist  
**Role:** Environ. Scientist



# Jeff Ashley, PE

Water/Wastewater Technical Advisor



Helena, MT

Jeff Ashley is a senior water and wastewater engineer with extensive experience in planning, design, and construction of municipal water treatment and wastewater treatment facilities. His water background includes both groundwater and surface water treatment processes, including membrane filtration, granular media filtration, arsenic treatment, chemical feed systems, chlorine, chloramine, and ultraviolet disinfection, residuals, process instrumentation and control, and security vulnerability assessments. His wastewater background includes lift stations, headworks, secondary and advanced treatment, and disinfection. Jeff is also responsible for preparing preliminary engineering reports (PERs) for both water and wastewater facilities.

## 28 Years Experience

### Education

Mathematics BA, 1995;  
Jamestown College  
Civil Engineering MS, 1998;  
University of Nebraska  
Lincoln  
Civil Engineering BS, 1996;  
University of Nebraska  
Lincoln

### Registration

» MT PE 16432

### Expertise

- » Planning and Design
- » Preliminary Engineering Reports
- » Wastewater Treatment
- » Water Treatment

### Professional History

2004-Present:  
Morrison-Maierle  
2000-2004: Liesch  
Associates, Inc.  
1998-2000: Jacobson  
Helgoth Consultants, Inc.

### City of Sidney

Lagoon Phase 3 Design  
Lagoon Phase 2 Design/CA

**Role:** Project Engineer  
**Role:** Project Engineer

### City of Missoula

WWTP Odor Sampling  
Pre-Design Dickens and East Lift Stations

**Role:** Project Engineer  
**Role:** W/WW Engineer

### Gardiner-Park Co. Water & Sewer District

PER

**Role:** Project Engineer

### Lockwood Water & Sewer District

2020 WTP Design Improvements & CA  
2015 Water Master Plan  
On-call Water System Consulting  
Raw Water Intake and Treatment  
2020 WTP Upgrade Design  
Wastewater PER Update  
On-Call WW System Consulting  
Water PER Amendment

**Role:** Project Engineer  
**Role:** W/WW Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer

### State of Montana Department of Natural Resources

2020 RRG Grant Application Review

**Role:** Project Engineer

### KLJ Engineering LLC

Lockwood TEDD Infrastructure

**Role:** Project Engineer

### City of Glasgow

Railroad Alley Sewer Separation  
Raw Water Trans Main River Crossing  
Water System PER 2021  
Water System Improvements

**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Manager  
**Role:** Project Manager

### City of Chinook

Water System PER Update  
Capital Improvements Plan  
Wastewater System PER  
Water System Improvements Design  
Dechlorination & Misc WTP  
Water System PER  
Water Treatment Plant Improvements  
Wastewater Improvements  
WTP Storage Building Floodplain Permit  
Floodplain Elevation Certificate

**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Manager

### Central Montana Regional Water Authority

CMRWS Phase 1B Preliminary Design  
Phase 3 3A and 4 LiDAR Survey Control  
CMRWA Phase 1B Bidding  
CMRWA  
CMRWA Phase 1 Construction  
CMRWA Ph 2 Hydraulic Modeling

**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Manager  
**Role:** Project Manager

### City of Columbia Falls

Sewer Facility Plan and PER Update

**Role:** WW Engineer

### City of Helena

Northside Lift Station PER  
Well and Well Buildings Phase 1  
Headworks Bldg Expansion  
Groundwater Development Project

**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Engineer  
**Role:** Project Manager



# Jason Mercer, PE

*Project Principal*



Helena, MT

Jason Mercer is a senior engineer with experience in managing, planning, designing, and constructing municipal water and wastewater systems. His background includes all phases of water and wastewater projects, including facility planning, computer modeling, public involvement, preliminary and final design, funding approaches, land acquisition and right-of-way negotiations, bidding services, and construction administration. His experience includes pumping and lift stations, water and wastewater treatment, distribution, and collection, storage, and disposal systems. Jason serves as our overall market leader for water and wastewater services within Montana and Wyoming.

## 29 Years Experience

### Education

Civil Engineering BS, 1996; North Dakota State University

### Registration

MT PE 14867

### Expertise

- » Construction Administration
- » Design
- » Equipment Selection
- » Headworks
- » Project Management
- » Public Involvement
- » Stakeholder Coordination

### Professional History

1997-Present:  
Morrison-Maierle

### City of Helena

WW Collection & Treatment Master Plan

**Role:** Project Manager

### City of Missoula

Reserve Street Lift Station

**Role:** Project Manager

Momont #1 Lift Station

**Role:** Project Manager

Lincoln Hills Tanks

**Role:** Project Manager

Kent Avenue Water Main

**Role:** Project Manager

Grant Creek Lift Station Replacement

**Role:** Project Manager

Grant Street Waterline Rehab

**Role:** Project Manager

### Gardiner-Park Co. Water & Sewer District

Water System PER

**Role:** Quality Assurance

2022 Flood Emergency On-Call

**Role:** Quality Assurance

### Lockwood Water & Sewer District

2020 Wastewater PER Update

**Role:** Technical Reviewer

### State of Montana Department of Natural Resources

RRG Review 2022

**Role:** Technical Reviewer

2018 RRGL Grant Review

**Role:** Technical Reviewer

2016 RRGL Grant Review

**Role:** Technical Reviewer

RDG Review 2022

**Role:** Technical Reviewer

RD-MMI-616-8-RDG Reviews

**Role:** Technical Reviewer

2020 RRG Grant Application Review

**Role:** Technical Reviewer

### Bigfork Water & Sewer District

2022 PER Update & Sewer Modeling

**Role:** Project Engineer

### Corvallis-Ravalli County Sewer District

Wastewater Improvements Phase 1

**Role:** Quality Assurance

### Pablo Water and Sewer District

Wastewater Headworks

**Role:** Project Manager

### Town of Plains

WWTP Relocation

**Role:** Project Manager

### White Mountain Apache Tribe

WMAT WWTF Study & Design

**Role:** Project Manager

Water & Sewer Capacity Study

**Role:** Project Manager

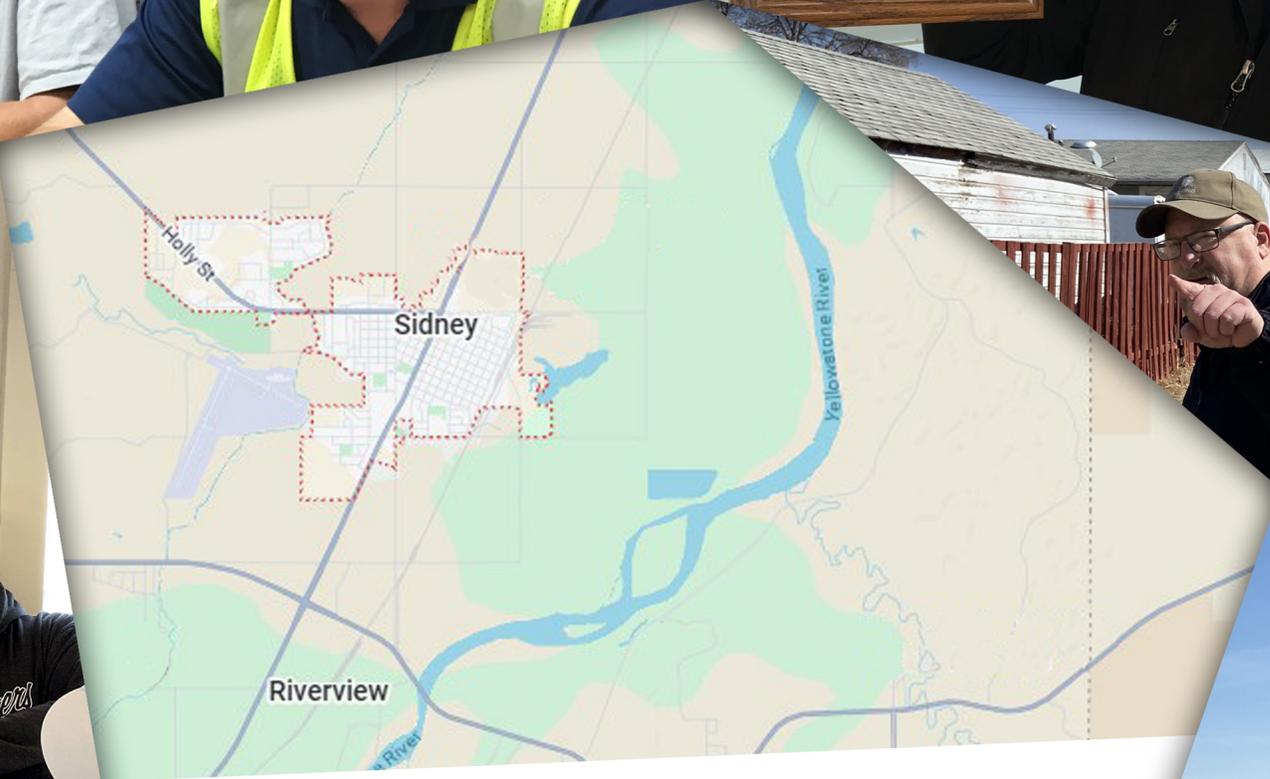
Rural Water System Cost Estimate Update

**Role:** Project Manager

### Yellowstone Development, LLC

WW Storage Pond Repair

**Role:** Technical Reviewer



Da BOSS!



Sidney's Water Treatment



 Morrison Maierle

1 Engineering Place | Helena, MT 59602 | (406) 442-3050 | m-m.net