Proposal for:

Town of Burlington

January 10, 2025

Economic Development Plan

Alison Tompkins, AICP, PLA
Project Manager
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2824 Big Horn Avenue, Cody, WY 82414

J-U-B ENGINEERS, INC.

THE LANGDON GROUP

GATEWAY MAPPING INC.

J-U-B FAMILY OF COMPANIES

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January 10, 2025

Town of Burlington
Attn: Mayor Gerald George
P.O. Box 38
Burlington, Wyoming 82411

RE: Request for Proposals: Town of Burlington Economic Development Plan

Dear Mayor George and Selection Committee:

J-U-B ENGINEERS, Inc. (J-U-B) is pleased to provide Burlington with this proposal highlighting our economic development planning experience. We appreciate that the staff and residents of Burlington are proactively working to improve your community now and into the future. The Wyoming Business Council Business Ready Community grants provide generous support to the production of economic development plans, and the planners, engineers, GIS specialists, and public involvement facilitators at J-U-B are eager to support you in that goal. J-U-B brings:

Efficient In-house Team Focused on Local Solutions. ***Dave Shultz***, PE, of our Cody Office (previously Sage Civil Engineering - a familiar, trusted advisor to Burlington) brings local expertise and experience in Burlington's infrastructure improvements. He will act as the primary, local, point of contact for this project. ***Jim Evans,*** PE will also be available as a local contact. Both will contribute their technical knowledge, expertise and past experience with Town of Burlington infrastructure projects towards a successful plan.

Proven Local Expertise in General Planning. J-U-B's multi-disciplinary planning team is led by ***Alison Tompkins*** and ***Brian Carver***. With a combined 38 years of experience, they are expertly qualified in long-range planning and economic development – evaluating community issues, engaging community members, identifying and successfully applying for project funding, and customizing planning documents for effective, long-term results to match Burlington's vision. ***Danika Montgomery***, with Gateway Mapping, Inc (GMI), a J-U-B subsidiary, brings data analysis and visualization tools to public involvement and infrastructure, housing, and economic assessments.

Maximized Value within Budget Limits J-U-B understands Burlington and the surrounding area. Our Cody office personnel have spent the last 10 years working with Burlington on numerous projects, including GIS mapping of much of the town's infrastructure and are very familiar with the town. In addition, we have completed other work in the area including irrigation master plans and infrastructure improvements. This extra knowledge gives the J-U-B team a significant head start allowing us to efficiently deliver exceptional value while staying within budget. This combination of value and knowledge ensures that Burlington will receive the maximum return on investment for its economic development plan.

Burlington Projects Completed by Sage Civil Engineering (J-U-B's Cody Office)

- Husky Addition Phase 3, 2014
- Boulder Street Sewer, 2015
- Burlington Sidewalks, 2015
- Burlington Wastewater/Lagoons, 2023
- Burlington Tank, 2023
- Cedar Avenue Sewer Extension, 2020
- Burlington Survey, 2021

J-U-B is proud of the work we do to build better communities by providing full-service planning and engineering services combined with top-notch funding expertise for implementation. Thank you for the opportunity to provide this proposal. Please contact us if you have any questions or need additional information. We look forward to working with you.

Sincerely,
J-U-B ENGINEERS, Inc.

Alison Tompkins

Alison Tompkins, AICP, PLA | Project Manager
208-301-7133 | atompkins@jub.com

David R. Shultz

Dave Shultz, PE | Client Manager
307-527-0915 | dshultz@jub.com

FIRM BACKGROUND AND EXPERIENCE

70 *years in business founded in 1954* | **530+** *employees* | **23** *offices in 7 states* | **2** *offices in Wyoming*

About J-U-B ENGINEERS, Inc.

J-U-B ENGINEERS, Inc. (J-U-B) is an employee-owned professional services firm focused on improving the quality of life for communities where we live and work. We provide high quality planning, engineering, and surveying services, with expertise in land use, transportation, municipal, funding, and infrastructure design.

J-U-B has been serving the West for 70 years, since 1954. Headquartered in Meridian, Idaho, J-U-B has more than 530 employees and 23 offices throughout Idaho, Oregon, Washington, Utah, Colorado, Nevada, ***and Wyoming.*** We are proud of our work in Wyoming and the local communities that count on us to support their efforts to become more desirable places to live. ***At least 75 percent of J-U-B's work has been for local public agencies like the Town of Burlington. J-U-B is currently the local planner or engineer for numerous cities, counties, and highway districts, giving us a strong awareness of the dynamics involved with the challenges you face.***

Our Subsidiary Companies

To meet the evolving challenges that communities face today, J-U-B offers a specialized public involvement team through its subsidiary companies:

THE LANGDON GROUP

The Langdon Group, Inc. (TLG) was born in 1997 out of a need to better work with the public on complex infrastructure projects. J-U-B was navigating a challenging wastewater project and was encountering resistance from the public. In response, J-U-B initiated a pursuit to learn how to work with the public and met with Professor Larry Susskind at MIT about how to successfully integrate public involvement processes and collaboration into projects. For more than 20 years, ***TLG has supported J-U-B by providing public involvement, facilitation, mediation, conflict management, and strategic visioning for clients.*** They design and conduct processes to help clients and their communities solve problems and implement solutions. TLG offers staff certified in stakeholder involvement processes by the International Association of Public Participation and trained in facilitation, mediation, and conflict resolution.

GATEWAY MAPPING INC.

Gateway Mapping, Inc. (GMI) has been providing Geographic Information Systems (GIS) services since 1991 and they focus on making GIS more useful and usable for their clients. Their dedicated GIS specialists have worked with a wide range of clients to develop customized GIS solutions in ways that go well beyond mapping and promote efficiency, save money, answer questions, and produce better results. ***GMI provides expertise in GIS planning and implementation***, infrastructure management (water, sewer, storm drainage, irrigation, transportation, electrical), parcel mapping, training, software development, web and mobile application development, map production, and cemetery and asset records management.
GMI is an Esri authorized business partner.

Team Introduction

Our J-U-B planning team brings decades of expertise in planning, funding, engineering, public involvement, and mapping. Leading the planning team is Alison Tompkins, a certified planner and licensed landscape architect with 20 years of experience in long-range planning, master planning, and land development. Supporting Alison is Brian Carver, an experienced planner with nearly two decades of experience in economic development, housing, and funding. Our team is well-versed in public involvement strategies and will assist Burlington with public engagement throughout the life of the project to identify and prioritize economic development projects and funding strategies for implementation. We also bring an experienced engineering team from nearby Cody, WY, that is familiar with Burlington's infrastructure and community values. Dave Shultz and Jim Evans have spent many years working with the Town of Burlington on subdivision development, water, sewer and street improvements such as the safe routes to school sidewalk project. They will be assisting in the infrastructure planning portion of the project. For this project, Dave Shultz will act as the Client Manager to serve as a local contact for anything related to the project. As always, Jim will also be available and involved in the project. Danika Montgomery, our GIS specialist, will develop maps to visually illustrate the assessment and analysis of infrastructure, housing, and economic opportunities.

J-U-B's in-house team offers a streamlined, efficient process that eliminates unnecessary delays and complexity. With all team members working internally and locally, J-U-B can ensure greater coordination and focus on the project. This approach enhances J-U-B's ability to make quick decisions, collaborate seamlessly, and provide tailored, locally informed solutions. The result is an efficient, economically sound process that is uniquely aligned with Burlington's needs, ensuring a smooth and successful planning process.

A brief introduction to each of these individuals and their qualifications are found following the organizational chart below. ***A more in-depth overview of each team member, including additional qualifications and their experience on projects similar to this one, are found in "Personnel Resumes" at the end of this document.***

Organizational Chart

ALISON TOMPKINS, AICP, PLA
Project Manager

DAVE SHULTZ, PE
Client Manager

BRIAN CARVER, AICP
Lead Planner

NATHAN SMITH, PE
Drinking Water

CHRIS SLATER, PE
Wastewater Collection

CHRISTINA OSBORN, PE
Drinking Water Treatment

JIM EVANS, PE
Raw Water

GARY VANCE, PE
Wastewater Treatment

Team Experience and Qualifications

Alison Tompkins, AICP, PLA | Project Manager

20 Years of Experience

As a former County Planner, Alison excels at providing planning expertise to serve communities and developing positive professional working relationships with staff, permitting agencies, and stakeholders. Alison successfully navigates challenging issues with a proactive approach to identify and provide long-lasting solutions and effective results. She provides maximum value to each project by customizing efforts to the project at hand.

Dave Shultz, PE | Client Manager

35 Years of Experience

Dave has been involved with a wide variety of successfully completed projects. As part of a design team, Dave has been involved with the design and contract administration, placing emphasis on plan review, preparation of contract documents and specifications, support for bidding procedures, and construction/contract administration.

Brian Carver, AICP | Lead Planner

18 Years of Experience

Brian has provided technical planning and development assistance to small communities in northern Utah for 18 years. He is well-versed in local code requirements and has extensive experience working with communities to build capacity and develop and administer local land use policies and procedures that uphold local visions while protecting private property rights. His work includes stakeholder engagement, natural hazard and sensitive lands planning, housing planning, and economic development analysis.

Chris Slater, PE | Wastewater Collection

24 Years of Experience

Chris' experience in sewer collection system master planning, the completion of over 25 collection master plans and studies, and his experience in project management and technical engineering roles on these projects has given him a comprehensive understanding of all the steps required to complete a successful plan. Chris has installed sewer flow meters, analyzed data collected from flow meters, created and calibrated computer flow models, prepared capital facility plans, and designed sewer collection systems.

Nathan Smith, PE | Drinking Water

18 Years of Experience

Nathan's experience is in culinary water, secondary irrigation water, canal master planning, sewer and storm drain systems. Specific experience includes H&H modeling and master planning, reservoir/pump station design, transmission/distribution line design, roadway and drainage, CMGC contracting, underground infiltration basins, pressure reducing analysis, and unidirectional flushing analysis.

Christina Osborn, PE | Drinking Water Treat.

21+ Years of Experience

Christina has extensive experience with planning, permitting, designing, and operating water, wastewater treatment plants, water reclamation facility projects, waterlines, and sewerlines. She has completed water/wastewater plans, studies, and designs for numerous communities, including evaluating existing infrastructure/treatment systems, determining condition/capacity, and identifying solutions. Christina works with funding/permitting agencies to increase efficiency during planning and design processes.

Gary Vance, PE | Wastewater Treatment

20 Years of Experience

Gary's experience in master planning, funding, permitting, design, construction, wastewater treatment, and sewer lift stations gives him an in-depth knowledge of all aspects of treatment facility projects. His knowledge and experience shows Gary's familiarity with the needs of growing communities in an increasingly strict regulatory environment. He has prepared more than 13 recent community wastewater facility plans and has worked on the planning, design, and construction administration of wastewater treatment plan improvement projects for numerous cities across the intermountain west.

Jim Evans, PE | Raw Water

27 Years of Experience

Jim's specific area of expertise is in water resources, but he has been involved in all aspects of design for projects ranging from GIS mapping, treated water distribution, irrigation structure design, subdivision design, airport design, road design, and a variety of hydrology projects. He has completed treated water system, irrigation system, airport, and highway design work. The bulk of his master planning experience involves irrigation systems, and his primary experience has been focused on water resources.

J-U-B's Previous Similar Project Experience

J-U-B boasts over 25 years of experience in creating long-range plans for municipalities across the Intermountain West and Pacific Northwest. Our portfolio includes work in Wyoming, Idaho, Utah, Oregon, and Washington, and we excel at developing functional plans that set communities up for successful funding applications and project implementation. Below, we highlight our general planning expertise with a selection of project examples—and we have included contact information for these projects, so you don't have to take our word for it!

On-Call Planning Services (City Planning Consultant) | Kemmerer, WY (Ongoing)

Project Information: As the on-call City Planning Consultant for Kemmerer, WY since 2022, J-U-B has provided professional planning services for Community Development staff, the Zoning Board, and City Council. Services include review and analysis of land development applications for subdivision and planned unit development proposals, conditional uses, and variances, and ***advising city staff on best management practices for large-scale, multi-phase subdivisions and various development proposals, including housing and commercial projects.*** On-call services also include availability to respond to zoning questions, including but not limited to drafting written decisions, interpreting city code, and providing recommendations for policy, administration, and procedural compliance with Wyoming State Statutes and Kemmerer City Code.

Reference: Brian Muir, City Administrator, 307-466-3128, bmuir@kemmerer.org

Orofino Downtown Master Plan | Orofino, ID (2023)

Project Information: The Downtown Master Plan was a comprehensive planning effort involving community members and stakeholders to identify locally supported projects to improve downtown Orofino. The City of Orofino requested assistance with a downtown master plan to spur economic development and identify and prioritize projects for downtown improvements. J-U-B facilitated public involvement, including a downtown advisory committee, community open house, and online survey. ***Downtown street and building conditions were thoroughly assessed and capital improvement, strategic funding, and implementation plans were developed.*** J-U-B's subsidiary, The Langdon Group (TLG), provided community and stakeholder collaboration, including in-person public meetings, technical advisory group facilitation, and the creation of informative materials for use across online platforms and in print for distribution. The final master plan positioned Orofino for a successful Community Development Block Grant award of $500k in 2024.

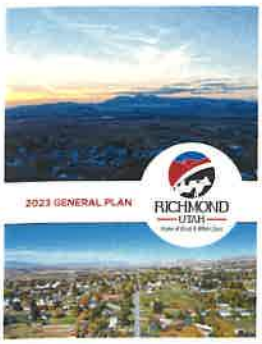
Reference: Ryan Smathers, Former City Administrator, 208-827-0245, ryansmathers@outlook.com

Center Street Redesign, Main Street to 100 West | Logan, UT (2019)

Project Information: Logan City hired J-U-B to design improvements for Center Street from US-89/91 (Main Street) to 100 West including a new signal system at the intersection of Center Street and 100 West. ***The project consisted of complete roadway reconstruction from building face to building face, sidewalk widening, drainage and irrigation improvements, lighting improvements, signal design, design of gathering plazas, landscape beautifications, and site amenities.*** Work also included coordination with downtown businesses to discuss and mitigate project impacts, structural engineers for the design of an overhead archway, electrical engineers for enhanced lighting and electrical work, landscape architects for roadside planter boxes, pots, and other site amenities, utility companies for relocations, and UDOT for work at Main Street. The scope of work included roadway/storm drain/irrigation/intersection signal design, traffic modeling, utility design/coordination, public engagement, and coordination with the Utah Department of Transportation.

Reference: Tom Dickinson, Former Assistant City Engineer/Project Manager, 435-757-9848, td@nibleycity.com

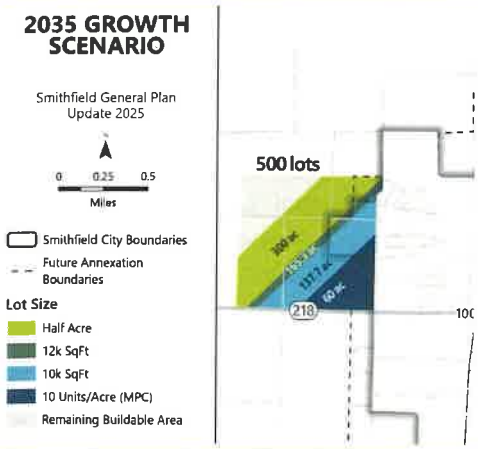
General Plan Preparation | Richmond, UT (2023)



Project Information: For the City of Richmond, Utah, J-U-B facilitated public involvement by planning and executing a kick-off meeting with elected officials and ***an open house with the community at large, distributing a community-wide online survey, a second stakeholder survey, and holding regular steering committee meetings*** to gather, analyze, and summarize information for the plan development. Managed by Alison Tompkins, this process led to the creation of land use goals, objectives, and action elements to move the community vision forward on issues including housing, transportation, land use, economic development, and water.

Reference: HollyJo Karren, City Administrator, 435-258-2092, hkarren@richmondutah.gov

General Plan Update | Smithfield, UT (Ongoing)



Project Information: J-U-B's team, led by Alison Tompkins and supported by Brian Carver, reviewed the City of Smithfield's general plan to update sections for growth and land use, environmental resources, public facilities, parks and trails, and transportation. The update also includes a new section for water use and preservation in compliance with Utah State Code. ***Public outreach included an in-person kickoff meeting, public open houses, steering committee meetings, and a regional stakeholder survey. In addition to the robust public involvement plan, J-U-B modeled future growth scenarios to evaluate population growth patterns at different densities.*** This valuable tool helped the steering committee compare housing preferences with utilization of infill lots and agricultural lands. Along with this Plan Update, J-U-B has also worked with Smithfield on their 2004 and 2016 General Plan updates. ***General plan update is in progress and on schedule to be completed Spring 2025.***

Reference: Justin Lewis, City Manager, 435-792-7990, jlewis@smithfieldcity.org

General Plan Update | Garden City, UT (2023)

Project Information: Garden City is a small resort community that is the gateway to Bear Lake. J-U-B, was chosen to update Garden City's General Plan and Parks and Trails Master plan. The update was funded with a matching grant from the Utah Community Impact Board. ***This plan included a public involvement/outreach effort that used the city's utility billing system and social media.*** Residents were provided a survey and 290+ responses were received, 106 of those being from primary residents. Work sessions with the combined Town Council and Planning Commission were conducted to review the community comments, prioritize elements of the General Plan, and identify solutions in the General Plan adopted in 2023.

Reference: Mike Leonhardt, Mayor, 435-946-2901, mikel@gardencityut.us

PROJECT APPROACH

Project Understanding

For over 10 years, Sage Civil Engineering has provided dependable and top-notch engineering services to Burlington. An influx of new residents to the Big Horn Basin due to tourism and a desire to live in a rural setting has placed pressure on Burlington to provide adequate infrastructure and provide critical services while preserving the quality of life and environment that make Burlington a desirable place to live. Tourism also brings opportunities for economic growth and development, but these opportunities sometimes conflict with availability of local workforce housing stock and the preservation of rural heritage and natural spaces. The challenge remains to balance current issues and demands with the need for a sustainable economic foundation while preserving Burlington's identity and quality of life.

Project Coordination

Upon receiving a Notice to Proceed, J-U-B will hold a kickoff meeting to collaborate with the town and finalize the scope of work and public involvement strategy. This will refine project objectives, roles and responsibilities, contact information, milestones and deliverables. The scope and public involvement strategy will guide the project to ensure an efficient process, stay on schedule and within budget, and meet community objectives.

As outlined in the proposed schedule, we will collaborate regularly with town staff in the months ahead to provide reports on progress and completion of project milestones. Coordination will include bi-weekly calls between J-U-B and town staff and regular meetings with the economic development committee. Our Cody Office will provide you with local support with Alison Tompkins leading public engagement and production of the Economic Development Plan.

Quality Assurance and Risk Management

To ensure quality project management and manage potential risks we will follow these proven steps:

- ***Conduct regular internal team meetings*** to review completed and projected tasks, maintain project goals and priorities, and address any quality control assignments.
- ***Actively engage team members*** as project issues arise, adopt responses, and make assignments to address issues before they become problems.
- ***Conduct regular Quality Assurance (QA) audits*** by senior J-U-B personnel.
- ***Complete regular oversight reviews of the project*** to ensure consistency with the town's project goals and budget.

Cost and Schedule Control Measures

We utilize other project management tools, specifically related to schedule and cost, to ensure that our projects are delivered on time and within budget. This includes:

- ***Implementing a detailed project schedule*** highlighting critical path tasks tied to the project scope. This ensures early identification of potentially lingering tasks, allowing the project team to develop and implement necessary mitigation strategies.
- ***Utilizing accounting software*** to track project costs weekly by work scope task and tied to the schedule.
- ***Delivering timely invoices and regular communication.***

Work Plan

Our team's experience working with Burlington and other similarly sized, rural, gateway communities provides us with a deep understanding of the essential tasks and milestones necessary to arrive at a successful economic development plan. We have developed a phased approach that is tailored to your specific needs and will result in a functional and accessible plan that captures the vision of your residents and provides a useful tool for the pursuit of funding for project implementation.

Community Assessment

Our engineering team based in Cody, WY, is familiar with the essential information and resources for your community. In addition to this expert team of engineers, our planners will facilitate the overall production of the economic development plan. This begins with a comprehensive data collection effort utilizing GIS software to assess and map existing conditions and analyze opportunities and constraints pertaining to:

- ***Current housing stock and demand***
- ***Current infrastructure capacity, gaps, and critical improvements needed***
- ***Economic vitality and sustainability***

J-U-B will carefully evaluate existing conditions and analyze opportunities for improvements. The results of the community assessment will inform and guide the development of project recommendations to position Burlington for a sustainable economic future, creating and retaining primary jobs.

Innovative and Inclusive Public Outreach and Stakeholder Engagement

J-U-B's team will work with the town to blend public input, planning, and engineering to create a community-supported and feasible plan with clear priorities for implementation. We will work with the town to facilitate stakeholder engagement starting with the formation of an Economic Development Committee to ensure the Economic Development Plan reflects your community values as it addresses future growth and development. We offer a broad range of public outreach tools, allowing us to tailor public outreach methods to suit your community preferences. We will work with you to identify how, when, and where to best engage members of your community in the planning process. This includes targeting specific community events and engagement methods – from online digital surveys or open house events to door-to-door flyers and personal interviews, we will work to ensure an open and transparent process with multiple opportunities for public input.

Housing Strategy

J-U-B's team will examine the town's role in the regional housing market and assess the existing inventory of available homes. An analysis of supply and current and future demand for housing will inform the creation of example policies to overcome challenges to housing development in the community. The final product will identify necessary infrastructure improvements to maintain sufficient capacity for expected growth and provide examples of housing development policies and design standards that can facilitate the construction of attainable housing for people in a variety of life stages and income levels.

Infrastructure Planning

J-U-B's Cody office will provide support to the planning team by using their knowledge of the Town's infrastructure gained by completing numerous engineering projects over the past decade.

One of the reasons Sage Civil Engineering made the decision to join J-U-B was the benefit to our clients, existing and future. This economic development plan provides us with the opportunity to combine J-U-B's wealth of resources and expertise in planning with our local engineering knowledge and familiarity with the Town and surrounding area to benefit Burlington's residents. Our previous work and familiarity with Burlington will allow us to spend more time completing project tasks for maximum efficiency. The engineering component of this project will involve addressing items including but not necessarily limited to:

- ***Raw Water System.*** Review the existing pump station and connected piping, the surface water rights and open ditch system for potential enclosure and evaluate the potential for using the existing treated water wells as a potential source for landscape irrigation.
- ***Stormwater Management.*** Review and model the drainage throughout town and provide a plan for installation of stormwater infrastructure necessary for improvement of the streets (pavement and curb and gutter).
- ***Treated Water and Wastewater.*** Evaluate these facilities to ensure new growth can be accommodated and existing infrastructure can be utilized to the Town's benefit.
- ***Transportation.*** An essential component to any community is the transportation infrastructure available to its residents. The streets are one part of an overall transportation plan that will need to be reviewed, and improvements recommended. Pedestrian movement, ADA access, lighting, parking, design standards, street widths are all parts of the transportation system that we will evaluate and for which we will provide a plan.
- ***Safety.*** Provide conceptual level plans for enclosing open irrigation channels within Town limits. Plans will be sufficient to allow for accurate cost estimates.
- ***Resource Development.*** Provide support services and recommendations for developing local resources such as an aggregate supply. It is our understanding that such resources are often needed but difficult to economically obtain.

The infrastructure and improvement task will be completed as part the recommendations for implementing the overall economic plan.

Sustainability & Resilience

J-U-B will develop a comprehensive Sustainability and Resilience element of the Economic Development Plan tailored to optimizing the Town's capital asset improvement plan, including identifying cost-efficiency measures and stable and sustainable revenue streams. By engaging stakeholders and leveraging Federal, State, and local resources, we will ensure the plan aligns with community goals while promoting economic stability and environmental stewardship. Our approach will equip the Town with practical tools to address immediate needs and build resilience for future challenges through increased economic diversity and vitality. Furthermore, best management practices for sustainability and resilience will be incorporated into infrastructure and housing elements of the plan, recognizing opportunities for continued and future implementation.

Final Report & Presentation

This project will result in a comprehensive planning document to inform the Town Council's decision-making process. The plan will include:

- Detailed maps and illustrations to communicate information visually.
- A step-by-step implementation plan for success including

goals to improve housing and jobs retained and created through economic opportunity.
» Specific action plans with key responsible parties identified for each step.
» An ambitious but realistic implementation timeline for project implementation.
» Prioritized funding strategy with potential assistance sources identified.

This product will be presented to the Town of Burlington's leadership in print and electronic formats. Upon adoption, J-U-B recommends converting the Executive Summary (ES) into a quick-reference Citizen's Guide. The ES will be prepared as a flyer printed on 8 ½ x 11 cardstock, featuring the Town's vision, goals, and objectives on one side, and resources to implement the vision on the other, with links to detailed materials.

COMMUNITY ENGAGEMENT STRATEGY

J-U-B's engagement goals for the Burlington Economic Development Plan are as follows:

» ***Inform.*** Raise awareness about the plan and why it is important to the community. Keep people informed as plan development progresses.
» ***Consult.*** Gather feedback from the community to identify issues of concern, priorities, and what is/is not working.
» ***Involve.*** Create opportunities for the community to provide meaningful input throughout the process, which is reflected in the final plan.
» ***Collaborate.*** Partner with key groups to shape the plan's vision and develop support networks.
» ***Empower.*** Provide actionable steps for the Town Council to implement, including recommendations for project phasing, prioritization, and funding opportunities.

To set a good foundation for the project, our team will facilitate a focused meeting with town staff. We will work with you to tailor the public engagement strategy and develop a detailed project schedule including opportunities for public engagement throughout the life of the project. This meeting will identify key stakeholders, team responsibilities, milestones, important community events, meeting locations, and deliverables to document the public engagement process and feedback received.

Economic Development Committee

In coordination with the Town, we will help form an economic development committee and facilitate visioning exercises to establish the community vision for Burlington's economy. This typically includes a facilitated discussion and walking tour to review strengths, weaknesses, opportunities, and threats. Committee member participation is essential to the development of community-supported goals and objectives which provide the foundation for projects, prioritization, and implementation. The Committee is instrumental in reviewing the draft Economic Development Plan at 60% and 90% of completion, ensuring that feedback from the community and the committee are incorporated as intended.

Outreach Strategies

To reach a cross-section of people, we propose a range of outreach methods that include digital, paper, and face-to-face interaction. Since you know your town best, our team will rely on the town staff to inform the public outreach approach and effectively utilize mechanisms already in place (Example: social media, website, announcements through utility billing, newsletters, etc.). In addition to a traditional open house, we have also found success in meeting the community where they already are and propose the use of "pop-up" booths at strategic locations such as well-trafficked businesses or community events.

J-U-B, supported by its subsidiaries Gateway Mapping and The Langdon Group, facilitates public comment categorization and visualization in a method called 3P Visual. We use this method to track input from stakeholders spatially to understand important needs and desires for various locations in your community. We propose to use 3P Visual, together with our ***customized online, interactive maps*** to allow the public to comment and identify issues and opportunities directly on maps.

If desired, J-U-B can also maintain a project website to provide continuous information to the public throughout the life of the project. The website can be used to house updates, survey results, important dates, and other project documents so they are easily accessible to Burlington residents. The project website provides a valuable tool to communicate project progress to the public.

All the input we gather while creating the plan, including survey responses, comments, and attendance at all events, will be documented. This allows for consistent and regular review of actionable input and transparency in the planning process. The public will also have the opportunity to comment on the final draft Economic Development Plan prior to presentation to the Town Council for adoption.

BUDGET AND TIMELINE

3-Step, 9-Month Timeline and Budget			
Step	**Description**	**Timeline**	**Budget**
1	Assess and Analyze Existing Conditions	Spring/Summer 2025	$25,000
2	Concept Development and Prioritization	Summer/Fall 2025	$20-$25,000*
3	Plan Development, Review, and Adoption	Winter 2025	$10,000
Public engagement will occur throughout the life of the project, from initial visioning and goal setting to prioritizing projects for implementation.			$25-$30,000*
		Total	**$80-$90,000**

* These tasks can be scaled to suit Burlington's specific needs and budget.

REFERENCES

Lee Allen, PM/Technical Assistance Provider
Midwest Assistance Program, Burlington, WY
p. 307-272-1778 | e. Lallen@map-inc.org

Ryan Smathers, Former City Administrator
Orofino, ID
p. 208-827-0245 | e. ryansmathers@outlook.com

Brian Muir, City Administrator
Kemmerer, WY
p. 307-466-3128 | e. bmuir@kemmerer.org

Justin Lewis, City Manager
Smithfield, UT
p. 435-792-7990 | e. jlewis@smithfieldcity.org

Personnel Resumes

J-U-B ENGINEERS, INC.

OTHER J-U-B COMPANIES: THE LANGDON GROUP; GATEWAY MAPPING INC.

ALISON TOMPKINS, AICP, PLA

Project Manager

Alison is a certified planner and professional landscape architect with 20 years of experience in regional and local planning as well as floodplain management. Her work includes multi-agency coordination between local, state, federal, and tribal governments. As a former County Planner, she excels at providing planning expertise to serve rural communities and developing positive professional working relationships with staff, permitting agencies, and stakeholders. Alison successfully navigates challenging issues with a proactive approach to identify and provide long-lasting solutions and effective results. She provides maximum value to each project by customizing efforts to the project at hand.

RELEVANT EXPERIENCE

LONG-RANGE PLANNING & ECONOMIC DEVELOPMENT

- **On-Call Planning Services; Kemmerer, WY (2022-Current)** *City Planning Consultant.* Worked with Community Development staff and Zoning Board to review and analyze land development applications, interpret city code, and provide recommendations for policy, administration, and procedure.
- **City of Orofino Downtown Revitalization and Safety Action Plan; Orofino, ID (2023)** *Project Manager.* Conducted project management and facilitated public involvement, including downtown advisory committee meetings, community open house, and online survey. Project included assessment of downtown infrastructure conditions and development of capital improvement, strategic funding, and implementation plans to position Orofino for a successful Community Development Block Grant award of $500k in 2024.
- **Payette Lakes Recreational Water and Sewer District Master Plan; McCall, ID (2021-2023)** *Lead Planner.* Facilitated stakeholder workshops between city, county, and sewer district to identify and coordinate capital improvements and future planning efforts. Supported production of master planning document and assisted District Staff with a successful wastewater planning grant application through the Idaho Department of Environmental Quality to fund the project.
- **Minidoka, Rupert, and Paul Comprehensive Plan Update; Minidoka County, ID (2023-2024)** *Lead Planner.* Facilitated project kick-off and steering committee meetings to identify issues of concern and develop county and city goals and objectives. Project included public outreach, community survey, analysis of existing conditions, map development, and a multi-jurisdictional comprehensive plan.

LEADERSHIP AND COMMITTEE POSITIONS

- **City of Moscow Urban Renewal Agency (2023-Current)** *Board Member.* Serving the Agency's mission to promote sustainable economic growth, vitality, and community enhancement through collaboration and community investment.
- **Western Planner Board (2022-Current)** *President-Elect.* Providing representation for planning professionals on issues affecting rural western communities.

Professional Registrations

- Professional Landscape Architect: Idaho, 16909
- Certified Planner, 032556
- Certified Floodplain Manager, US-19-11373

Education

- MS, Landscape Architecture
  University of Idaho
  2019
- BS, Landscape Architecture
  University of Idaho
  2004

Experience

- Lead Planner
  J-U-B ENGINEERS, Inc.
  2021-Present
- County Planner/Floodplain Coordinator
  Nez Perce County
  2010-2021
- Landscape Architect in Training
  Breckon Land Design, Inc.
  2007-2009
- Biologist I
  Nez Perce Tribe
  Dept. of Fisheries Resources Management
  2004-2007

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J-U-B FAMILY OF COMPANIES

DAVE SHULTZ, PE

Client Manager

Professional Registrations

- Professional Engineer, Wyoming No. 6525
- Professional Engineer, Colorado No. 34477
- Professional Engineer, Montana No. 14357PE
- Professional Engineer, Utah No. 3082915-2202

Education

- BS, Civil Engineering
  University of Wyoming, 1988

Experience

- Project Manager
  J-U-B ENGINEERS, Inc.
  2024 – Present
- Principal/Owner
  Sage Civil Engineering
  2001 – 2024
- Project Manager
  Graham, Dietz & Associates
  1997 – 2001
- Resident Engineer
  WY Dept. of Transportation
  1995-1997
- Project Engineer
  WY Dept. of Transportation
  1989-1995

Dave has been involved with a wide variety of successfully completed projects. As part of a design team, Dave has been involved with the design and contract administration, placing emphasis on plan review, preparation of contract documents and specifications, support for bidding procedures, and construction/contract administration.

RELEVANT EXPERIENCE

- **Husky Addition Phase 3; Town of Burlington, WY (2014)** *Project Manager.* Project involved survey, design, bidding, construction observation, and project close-out for a 48-lot residential subdivision for the Town of Burlington. Improvements included grading, drainage, crushed base streets, treated and raw water, sanitary sewer, and power, gas, and fiber utilities.
- **Elm Ave, 3rd Street, & 4th Street Sidewalks; Town of Burlington, WY (2018)** *Project Manager.* For a Safe Routes to Schools, TAP-Funded project, provided design and construction administration services to install concrete sidewalk on Elm Avenue between 2nd and 4th Streets, and along 3rd and 4th Streets between Elm and Oak Avenues.
- **Boulder Street Sewer & Cedar Avenue Sewer Extension; Town of Burlington, WY (2015 & 2020)** *Project Manager.* Projects were for sanitary sewer modifications to provide protection for flooding of property in the event of blockage and an extension to the existing main to serve additional properties.
- **Skyline and West Strip Water Main; City of Cody/Cody, WY (2011)** *Project Manager.* Project involved survey, design, bidding, construction observation, and project close-out for approximately 700 lf of 12-inch water main with canal crossing, removal of existing pressure reduction valve (PRV), and installation of a new PRV. Pavement restoration.
- **Panther Blvd. Treated Water Main Project; Town of Powell, Park County, WY (2007)** *Project Manager.* Responsible for the design, bidding, and installation of approximately 1 mile of 12-inch treated water main along Panther Boulevard for the City of Powell. Work included installation of the water main, services, hydrants, boring beneath two canals, and crossing of U.S. Highway 14A.
- **Treated Water Replacement Project; Town of Saratoga/Saratoga, WY (2019)** *Project Manager.* As a separate schedule for a recent apron expansion project, managed the design and construction to install ±2700 feet of 8-inch water main, hydrants, and meter pits for a reroute/replacement of an aging water main beneath the aircraft apron.
- **Redundant Supply Project; Mountain View Acres Water District/Riverton, WY (2020)** *Project Manager.* Provided design and construction administration services for the installation of a pressure-reducing valve, meter, backflow preventer, and water main to connect the District's system to the City of Riverton's water main.

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J-U-B FAMILY OF COMPANIES

BRIAN CARVER, AICP

Lead Planner

Brian is a lead planner in J-U-B's Logan office and was the previous Director of Community & Economic Development for the Bear River Assocation of Governments. Brian has been directly involved in or managed the development and periodic revision of regional and local planning documents across northern Utah. The processes behind these plans have helped him develop an extensive network of stakeholder contacts and intimate knowledge of demographic, economic, and environmental factors.

Brian regularly worked with small, rural communities in Utah to help identify economic opportunities and plan to overcome challenges that threaten housing availability and affordability and the sustainable delivery of critical community services.

RELEVANT EXPERIENCE

PLANNING

- **Bear River Regional Comprehensive Economic Development Strategy; Bear River Economic Development District, Logan, Utah (2024)** *Project Manager.* Managed a committee representing regional public and private sector leadership, consulted with stakeholders to determine regional economic opportunities and needs, and developed a strategic set of goals, objectives, and metrics to further economic success in northern Utah.*
- **Bear River Region Consolidated Plan for Housing & Urban Development; Bear River Association of Governments, Logan, UT (2020)** *Project Manager.* Led the development of a regional housing and community development investment plan. Analyzed regional demographic and economic data and collected stakeholder input to forecast expected needs in housing and community infrastructure investments, particularly for low-income populations and distressed rural communities.*
- **Regional Capital Improvement Project List; Bear River Association of Governments, Logan, UT (2024)** *Project Manager.* Developed a regional list of municipal and county capital investment projects seeking funding assistance from State and Federal partners. Oversaw outreach to local governments and helped articulate community needs as an actionable project list. Assisted communities apply for and win State and Federal grants to implement capital project plans.*

GRANTS

- $6 million State of Utah Broadband Access Grant for Box Elder County Telecommunications Infrastructure Construction*
- $300,000 Economic Development Administration Business Expansion & Retention Grant*

Certification

- American Institute of Certified Planners

Education

- Outward Leadership Training
  Arbinger Institute
  2021
- Project Manager Professional Certification
  University of Utah
  2005
- Bachelor of Landscape Architecture (BLA)
  Utah State University
  2001

Experience

- Lead Planner
  J-U-B ENGINEERS, Inc.
  2024-Present
- Community & Economic Development Director
  Bear River Association of Governments
  2009-2024
- Regional Planner
  Bear River Association of Governments
  2006-2009
- Project Manager
  State of Utah, Governor's Office of Planning & Budget
  2002-2006

* *Work completed at previous employer.*

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OTHER J-U-B COMPANIES: THE LANGDON GROUP | GATEWAY MAPPING INC.

CHRIS SLATER, PE

Wastewater Collection

Chris has 24 years of sewer collection system master planning experience. He has completed over 25 collection master plans and studies. His experience in project management and technical engineering roles on these projects has given him a comprehensive understanding of all the steps required to complete a successful plan. He has installed sewer flow meters, analyzed data collected from flow meters, created and calibrated computer flow models, prepared capital facility plans and designed sewer collection systems.

Professional Registrations

- Professional Engineer:
  Utah, 337185
  Idaho, 13680

Education

- BS, Civil Engineering
  Utah State University
  2001

Experience

- Project Manager/ Project Engineer
  J-U-B ENGINEERS, Inc.
  2001-Present
- Civil Engineering Intern
  Ogden City Public Works
  2000-2001
- Civil Engineering Intern
  Jones & Associates
  1999

RELEVANT EXPERIENCE

SEWER MASTER PLANNING

- Wastewater Utility Master Plan; American Samoa (2023-2024)
- Sanitary Collection System Master Plan; Santaquin, UT (2022)
- Sanitary Collection System Master Plan; Mount Pleasant, UT (2022)
- Sanitary Collection System Master Plan; Blackfoot, ID (2020-2022)
- Sanitary Collection System Master Plan; West Jordan, UT (2019)
- Sanitary Collection System Master Plan; Plain City, UT (2019).
- Sewer West Side Metering and Capacity Evaluation; Hill Air Force Base (HAFB), Clearfield, UT (2019)
- Sanitary Sewer Collection System Master Plan; Logan, UT (2018)
- Sanitary Sewer Collection System Master Plan Update; Clinton, UT (2018)
- Sanitary Sewer Innovation Campus District Plan; Utah State University, Logan, UT (2018).
- Sanitary Sewer Management Plan Update; Hooper, UT (2017)
- Sewer Capacity Evaluation; Salt Lake International Airport, Salt Lake City, UT (2016)
- Wastewater Hydraulic Modeling; Hill Air Force Base (HAFB), Clearfield, UT (2016)
- 2014 Sewer Collection Master Plan Update; Logan, UT (2014-2015)
- Sanitary Sewer Collection System Master Plan; Tabiona, UT (2014)
- Sanitary Sewer Collection System Master Plan; Nibley, UT (2013-2014)
- Sanitary Sewer Collection System Master Plan; Richmond, UT (2011)
- Sanitary Sewer Collection System Master Plan; Lewiston, UT (2009).
- Sanitary Sewer Meters Installation, Collection System Model & Master Plan; Santaquin, UT (2007)
- Sanitary Sewer Collection System Model & Master Plan; Blackfoot, ID (2007)
- Sanitary Sewer Collection System Master Plan Update; South Valley Sewer District, Draper, UT (2006)
- Sanitary Sewer Collection System Model; Coalville, UT (2005)
- Sanitary Sewer Collection System Model; Smithfield, UT (2004)
- Sanitary Sewer Collection System Model; West Jordan, UT (2003)
- Sanitary Sewer Collection System Model & Master Plan for Sewer Feasibility Study; Hooper, UT (2003)
- Sanitary Sewer Collection System Master Plan; South Valley Sewer District, Draper, UT (2001)

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OTHER J-U-B COMPANIES: THE LANGDON GROUP | GATEWAY MAPPING INC.

NATHAN SMITH, PE

Drinking Water

Nate has 18 years of experience working on culinary water, secondary water, sewer, irrigation, and storm drain projects. He has spent much of that time using computer modeling to analyze complex culinary water, secondary irrigation water, canal master planning, sewer, and storm drain systems.

Nate is a skilled project manager and thrives working with clients and team members. His goal is to super please each client from project conception through design, and final completion of the project. He values relationships and understands the critical role client input brings to projects. His project experiece includes Hydraulic and hydrologic modeling and master planning, reservoir and pump station design, transmission and distribution line design, roadway and drainage, CMGC contracting, underground infiltration basins, pressure reducing analysis, and unidirectional flushing analysis.

Professional Registrations

- Professional Engineer:
  Utah, 7563792-2202
  Colorado, 51922

Education

- MS, Civil Engineering
  Utah State University
  2007
- BS, Civil Engineering
  Utah State University
  2006

Experience

- Project Engineer-Senior
  J-U-B ENGINEERS, Inc.
  2022-Present
- Project Engineer-Lead
  J-U-B ENGINEERS, Inc.
  2015-2022
- Project Engineer
  J-U-B ENGINEERS, Inc.
  2010-2015
- Project Designer
  J-U-B ENGINEERS, Inc.
  2007-2010
- Intern
  CMX Engineering,
  Summer 2005
- Research Assistant,
  Water Research Laboratory
  2005-2007

RELEVANT EXPERIENCE

WATER MASTER PLANNING & HYDRAULIC MODELING

- **Water System Source Redundancy Study; Kaysville, UT (2022-Current)** *Modeling Lead and QC.* Evaluated the impacts of varies alternative sources on Kaysville City's water system. He worked with the City and provided recommendations for development of an alternative source that had the greatest impact on the City's system.
- **Water Master Plan Update; Woods Cross City, UT (2022, 2018)** *Modeling Lead.* Completed the hydraulic modeling to analyze the Farmington City water system including verifying deficiencies in pipe sizes, storage, and source volumes. Created a masterplan document summarizing the results of the analysis.
- **Water Master Plan Update; Bona Vista Water Improvement District, Farr West, UT (2022, 2018)** *Modeling Lead.* Nate have been the lead modeler for the Bona Vista Water system for 16 years. The most recent master plan update included updating demands utilizing recent meter readings, updating pipe sizes from recently completed projects including new water tanks, calibration, and identifying projects required to apply for impact fees. He additionally sited future tanks, sized future projects, and performed ongoing modeling services.
- **Rushton Groundwater Treatment Plant; Granger-Hunter Improvement District (GHID), West Valley City, UT (2020-2021)** *Modeling Lead and QC.* Nate led the modeling effort and performed QA/QC of GHID water model that included converting the distribution mainlines of three wells and converting them to a raw water mainline to the new water treatment plant. It also included evaluating interties location downstream of the treatment plant that would efficiently deliver the new treated water.

- **Water Master Plan Update; Johnstown, CO (2021, 2015)** *Modeling Lead and QC.* Updated the water model with existing demands. Create future scenarios to size and locate pipes, tanks, and booster pump station.
- **Water Master Plan Update; Liberty Pipeline Company, Liberty, UT (2020)** *Modeling Lead.* The master plan identified deficiencies in the Liberty system and identified the projects and funding opportunities to mitigate the deficiencies. Nate performed modeling tasks including updating demands, pipe layouts, prv settings, and running various scenarios to identify projects. Also created a masterplan document summarizing results from the modeling.

SEWER MASTER PLANNING & MODELING

- **Sewer Master Plan Update; Lindon, UT (2018)** *Modeling QC.* Converted model from InfoSewer to InfoSWMM; Lead sewer modeling and QC.
- **Sewer Master Plan Update; Deer Park, WA (2017)** *Modeling Lead.* Calculated sewer for the town of Deer Park for the model. Created scenarios to analyze the existing and future systems. Verified pipe sizes and lift station capacity for existing and future demands.
- **Sewer Master Plan Update and Training; Orem, UT (2011)** *Modeling Lead.* Updated the model to current conditions and provided training to city staff on how to use the modeling software. Also verified future conditions and demands.

STORMWATER MASTER PLANNING & MODELING

- **Ogden 3300 South Storm Drain System; Ogden, UT (2023)** *Project Manager.* Led design team to conduct a study of the intersection at 1325 W 3300 S. After the study was completed, he moved forward with the design of a storm drain collection system as well as stormbrixx infiltration basin with a pretreatment manhole.
- **Storm Drain Master Plan; Kaysville, UT (2022-2023)** *Project Manager.* Nate works closely with the city to verify flooding history and mitigation details, and helping the Plan progress to completion. He regularly coordinates with the city to ensure the needs and goals of the city are being met. He keeps a close eye on the master plan with reviews, QC and oversight of the model and content, verifying the Plan is a workable document for Kaysville City.
- **Storm Drain Masterplan Conversion & Update; Woods Cross, UT (2022, 2018, 2014)** *Modeling Lead.* Converted from XPSWMM to InfoSWMM; updated to current land use and sized infrastructure for future projects.
- **Storm Drain Masterplan Conversion & Update; Syracuse, UT (2019)** *Modeling Lead.* Converted from XPSWMM to InfoSWMM; updated to current land use and sized infrastructure for future projects. Created IFFP to be used in IFA analysis.
- **Storm Drain Masterplan Update and IFFP; Clinton, UT (2018)** *Modeling Lead.* Converted from XPSWMM to InfoSWMM; updated to current land use and sized infrastructure for future projects. Updated capital facilities plan and IFFP.
- **Storm Drain Basin 7 Update Inundation Modeling; Lewiston, ID (2017)** *Modeling Lead.* Converted from GIS data to InfoSWMM and updated to current land use. Setup existing and future scenarios to size pipes and create a capital facilities list and masterplan for the City.

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OTHER J-U-B COMPANIES: THE LANGDON GROUP | GATEWAY MAPPING INC.

CHRISTINA OSBORN, PE

Drinking Water Treatment

Christina has more than 21 years of experience with planning, permitting, designing, and operating water, wastewater treatment plants, water reclamation facility projects, waterlines and sewerlines. She is currently a project engineer and project manager in the Salt Lake City office. Christina has completed water and wastewater planning documents, studies and designs for many communities throughout Utah and Idaho. As part of these plans, studies and designs, Christina has evaluated existing infrastructure and treatment systems, determined their condition and capacity and identified solutions. She has worked with funding and permitting agencies and can apply her expertise to make the planning and design process efficient. Christina has brought many projects from the study and master plan phases through to design and construction.

Professional Registrations

- Professional Engineer: Utah, 7279342-2202

Education

- MS, Environmental Engineering, University of Colorado, 2004
- BS, Civil/Environmental Engineering, Seattle University, 2002

Experience

- Water/Wastewater Treatment Engineer, J-U-B ENGINEERS, Inc., Salt Lake City, Utah, 2007-Present
- Water, Wastewater Engineer, US Peace Corps Dominican Republic 2004-2006

RELEVANT EXPERIENCE

WATER TREATMENT DESIGN

- **Anderson Water Treatment Plant; Granger-Hunter Improvement District, West Valley, UT (2023-Current)** *Project Manager*. Managed the planning and design of the Anderson Groundwater Treatment The plant combines and treats 6,000 gpm of water from two wells to address elevated levels of ammonia, manganese and iron. Treatment processes employed are oxidation, filtration with greensand type media and disinfection with sodium hypochlorite generated by an onsite system.
- **Rushton Water Treatment Plant; Granger-Hunter Improvement District, West Valley, UT (2020-2024)** *Project Manager*. Managed the planning, design and construction of the Rushton Groundwater Treatment The plant combines and treats 6,000 gpm of water from three wells to address elevated levels of ammonia, manganese and iron. Treatment processes employed are oxidation, filtration with greensand type media and disinfection with sodium hypochlorite generated by an onsite system.
- **Membrane Filtration Water Treatment Plant; Coalville, UT (2019-2023)** *Project Manager.* Managed the planning, design and construction of a 300-gpm ultrafiltration membrane facility treating both shallow well water and river water.
- **Water Treatment Design-Corrosion Control; Richmond, UT (2018-2024)** *Project Manager.* Bench scale testing and then design of water treatment for the City.
- **Water Treatment Plant; Bountiful, UT (2019)** *Project Manager.* Managed the design and construction of a 3 mgd ultrafiltration membrane facility treating a mountain stream. Challenges included a constrained site and coordination with the USFS.
- **Water Treatment Plant; Woods Cross, UT (2015)** *Project Manager & Project Engineer.* Engineer of Record for the planning, design and construction of a 2,000-gpm water treatment facility, which includes a granular activated carbon pressurized adsorption system, bag filters and an onsite sodium hypochlorite generation system.

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OTHER J-U-B COMPANIES: THE LANGDON GROUP | GATEWAY MAPPING INC.

GARY VANCE, PE

Wastewater Treatment

Gary is a project manager for water and wastewater treatment systems. He has 20 years of experience in master planning, funding, permitting, designing, constructing, and managing wastewater treatment and sewer lift station projects. He also has extensive design experience as the lead engineer for various treatment processes and is familiar with the needs of growing communities in an increasingly strict regulatory environment.

Gary has been involved in the preparation of more than 13 wastewater facility plans in recent years for communities in northern Utah and southeast Idaho. In addition, he has worked on the planning, design, and construction administration of wastewater treatment plan improvement projects for numerous cities across the intermountain west. This experience has provided Gary with in-depth knowledge of all aspects of treatment facility projects including funding and permitting.

Professional Registrations

- Professional Engineer
  Utah, 7279300-2202
  Idaho, 15050

Education

- MS, Civil/Environmental Engineering, University of Colorado, 2004
- BS, Chemical Engineering, University of Idaho, 2001

Experience

- Water/Wastewater Engineer
  J-U-B ENGINEERS, Inc.
  2007-Present
- Water/Sanitation Engineer
  U.S. PEACE CORPS
  El Cercado, Dominican Republic
  2004-2006
- Environmental Engineer
  WASTEMINCO
  Seattle, Washington
  2001-2002

RELEVANT EXPERIENCE

WASTEWATER TREATMENT MASTER PLANS

- Henefer, UT (On-going), Richmond, UT (On-going), Powder Mountain Water and Sewer Improvement District (On-going), American Samoa (On-going), Tooele, UT (2023), Mount Pleasant, UT (2022), Santaquin, UT (2021), Spanish Fork, UT (2020), Lewiston, UT (2020), Malad, ID (2018), Plain City, UT (2018), Morgan, UT (2017), Tabiona, UT (2015), Glenns Ferry, ID (2014), Albion, ID (2013), Coalville, UT (2011), Buhl, ID (2009)

WASTEWATER TREATMENT FACILITY DESIGN AND CONSTRUCTION

- **WRF Design; Spanish Fork City, UT (On-going)** *Project Manager.* Led the effort to develop treatment alternatives, analysis, cost estimates and final Master Plan for improvements to the City's existing WWTP. Currently leading design of 8 MGD membrane bioreactor WRF with provisions for Type 1 reuse, estimated construction cost $120M. Offsite piping, solids handling improvements, and ground improvements early out packages are currently under construction. Final completion of Greenfield WRF project is anticipated June 2025.
- **Tooele WRF Headworks Building, Tooele, UT (On-going).** *Project Manager.* Design of 12 MGD peak hour headworks facility including fine screens and grit removal. Early equipment procurement. $9M construction cost with startup anticipated January 2025.
- **WWTP Improvements; Santaquin, UT (Phase 3 On-going, Phase 2 completed in 2019, original construction in 2013)** Phase 3 currently in design – new membranes, new biological train, and new solids handling infrastructure. Phase 2 – new membranes and solids handling retrofit. Phase 1 - final design of headworks building, solids handling processes, odor control biofilter, and chemical systems for conversion of lagoon treatment to membrane bioreactor WWTP. Currently Master Planning Phase 3 (new process train). Santaquin is a total Type 1 reuse facility with zero discharge.
- **Tooele WRF Solar Dryer Evaluation, Tooele, UT (On-going)** *Project Manager.* Feasibility study of existing solar dryer system. Retrofit options for achieving Class A biosolids in winter versus constructing a new facility. Determine required dewatering building improvements to accommodate solar dryer modifications.

- **Logan WRF Compost Facility (On-going)** *Project Manager.* Design of compost facility using aerated static piles (Airfloor system) to achieve Class A compost for public sale, associated stormwater pump station, and provisions for future odor control. Design and construction across 2 phases with a total construction cost of $10M. Phase 1 is complete.
- **Schreiber Foods Pretreatment (On-going)** *Project Manager.* Process optimization support to achieve Logan City pretreatment limits and reduce surcharge rates.
- **Lewiston WWTP Improvements, Lewiston, UT (On-going)** *Project Manager.* New collection system, headworks, aeration, and back end disinfection/dechlorination/reaeration.
- **Powder Mountain Water and Sewer Improvement District, Treatment Siting Study (2024)** Project Manager. Evaluation and operations support for existing total containment lagoons. Sewer siting study to identify optimal location for new advanced wastewater treatment facility with Type 1 reuse.
- **Malad WWTP Improvement, Malad, ID (2024)** New influent lift station, headworks, aerated lagoons, and land application infrastructure. $12M project that started up in summer 2024.
- **WWTP Phase 1 Improvements, Morgan, UT (2024)** *Project Manager.* Phase 1 - Design and construction administration of new headworks building with mechanical fine screen and grit removal, admin building, and back end disinfection/reaeration upgrades of 0.6 MGD. Overall project costs $3.5M. Phase 2 improvements (new diffused aeration system) construction completed in 2024 ($1.2M). Previously completed a Wastewater Treatment Master Plan to develop a phased solution to accommodate growth and increasingly stringent permit requirements.
- **Tooele WRF 2021 Miscellaneous Upgrades, Tooele, UT (2021)** *Project Manager.* Project included rebuilding a clarifier, dewatering building improvements, and reuse pump station improvements.
- **Disinfection Improvements; Plain City, UT (2019)** *Project Manager.* Backend chlorination/ dechlorination/reaeration system design and construction at treatment lagoons. Previously completed a Wastewater Treatment Master Plan that evaluated options including regionalization, land application, and mechanical treatment facility for this fast-growing community.

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J-U-B FAMILY OF COMPANIES

JIM EVANS, PE

Raw Water

While his specific area of expertise is in water resources, Jim has been involved with all aspects of design on a variety of projects ranging from GIS mapping, treated water distribution, irrigation structure design, subdivision design, airport design, road design, and a variety of hydrology projects. He has completed treated water system, irrigation system, airport, and highway design work. The bulk of his master planning experience involves irrigation systems, and his primary experience has been focused on water resources.

Professional Registrations

- Professional Engineer, Wyoming No. 9032
- Professional Engineer, North Dakota No. PE-7703

Education

- M.S. Civil Engineering – Water Resources
  University of Wyoming, 1998
- B.S. Civil Engineering
  University of Wyoming, 1994

Experience

- Owner/Design Engineer/Project Manager
  Sage Civil Engineering
  2001-2024
- Staff Engineer
  Graham, Dietz & Associates
  1997-2001

RELEVANT EXPERIENCE

- Town of Burlington Tank Replacement Project; Burlington, WY (2023-2024)
- Town of Burlington Wastewater Treatment Improvement Project; Burlington, WY (2023-2024)
- Town of Burlington GIS; Burlington, WY (2019)
- Keystone and Farmers Canal Rehabilitation Study; Burlington, WY (2010-2011)
- Bench Canal Master Plan; Burlington/Emblem, WY (2014-2015)
- Cody Canal Rehabilitation, Level II; Cody, WY (2023-2024)
- Red Rim Ranch Subdivision; Thermopolis, WY (2021-2024)
- Shoshone Irrigation District Open Lateral to Pipeline Conversions; Powell, WY (2004-2024)
- Deaver Irrigation District Open Lateral to Pipeline Conversions; Deaver, WY; (2008-2024)
- Kirby Irrigation District Lower Canal Pipeline Conversion; Thermopolis, WY; (2020-2024)
- Panorama Addition Raw Water, Treated Water, Wastewater Collection System Modeling; Cody, WY (2022-2024)
- Mountain View 29th Street Treated Water, Sanitary Sewer and Raw Water Modeling; Cody, WY (2020-2023)
- Winchester Subdivision, Powell, WY; (2021)
- West Ave. Subdivision Development, Cody, WY; (2021-2023)
- WWDC Cody Canal Laterals Level II Study; Cody, WY (2017-2018)
- WWDC Kirby Ditch Rehabilitation Level II Study; Thermopolis, WY (2017-2018)
- Copperleaf Subdivision Treated Water, Sanitary Sewer Collection, Raw Water and Storm Drainage Design; Cody, WY (2004-2007)

Thank You!

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