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Daniel T. Plume, P.E

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A graduate of Mechanical Engineering from Texas A&M University, Mr. Plume offers a career of broad-based project and operational experience in the pipeline industry. His extensive project leadership, operations management, and engineering background encompass multiple joint venture projects and program management of over \$16.8B in aggregate as well as developing and leading large scale operational units. Mr. Plume's career spans over forty years and includes operations management, joint venture leadership, major project management, contract development and negotiations, contract management, regulatory compliance, business relationship management, and dispute evaluation, negotiation, and resolution. His successes are the result of strong team building, motivating personnel, and a focus on safety, with shared successes of the team, the client, and stakeholders being his overarching goal. Mr. Plume has been confirmed as an expert in various aspects of the pipeline industry.

Mr. Plume's exceptional interpersonal skills, management acumen, risk mindedness, and broad project experience that includes all terrains and climates, offers a comprehensive approach to his solutions.

Pertinent Work History (abbreviated) for Mr. Plume:

WKM Consultancy LLC

Principle, providing consultant services for numerous domestic and international clients. Services are focused on leadership in major project management, establishing construction strategies, operating manual development and compliance. Services also include project development and strategic planning, optimization, technology implementations, engineering and construction planning, risk evaluations, safety, compliance and best practices.

Quanta Services Incorporated

Project Director leading a consortium of four construction contractors in developing a work proposal for the construction of a 2000-mile pipeline system across four states.

Quadrant Services Team LLC / Spring Ridge Constructors LLC

Vice President of Quadrant Services Team LLC (QST) and Director for Spring Ridge Constructors, LLC (SRC), a joint venture of four leading U.S. natural gas pipeline construction companies. Providing leadership for the joint venture, being the general contractor constructing the Atlantic Coast Pipeline (\$8B) and serving as the primary interface for the Owner company.

The Atlantic Coast Pipeline is the largest pipeline (~600 mi of 42" & 36") to navigate the steep terrain of the Appalachian Mountains, diverse karst, forest, wetland, and coastal terrains.

Primary accountabilities for Mr. Plume are managing the \$3.7B construction budget; directing the Project Management Team; leading the joint venture and managing the relationship with the owner/client; leading the construction planning, methodologies and approaches; and managing the multiple construction subcontractors.

Enbridge Energy Company

Director of Major projects and serving in various leadership roles relative to each.

Director of Line 3 Replacement project, for the execution of a \$2.6B mainline project traversing 350 miles across three states. Coordinating with Canadian counterparts for the sister project in Alberta, Canada.

Dual responsibilities: Joint Venture Representative for the partnership between Enbridge and Enterprise for the \$2.2B Seaway Pipeline Expansion project traversing 610 miles across two states; and Director of Project Services for the \$2.1B Sandpiper Pipeline Project, traversing 600 miles across two states.

Director of Construction Services for North America (US and Canada), provided leadership for integrated construction services. Developed construction and contracting strategies, logistics, and construction best practices for a multiyear, multi-project portfolio of over \$6.2B. Directed construction planning, contract development and management, negotiation, and claim settlement. Served as Contractor Relationship Manager and primary Labor Union liaison.

Oasis Pipe Line Company Operating Company Startup

Led the development in implementation of the operating division of Oasis Pipe Line Company, consisting of 650 miles of mainline and gathering, and 200,000 hp of compression. Developed and implemented various operating departments that included Field Operations, Regulatory Compliance, Engineering, Administration, Central Process Control, and Purchasing as well as the operating and maintenance procedures (O&M), engineering standards, safety standards, and human resource policies and programs.

Dow Operations Management

Managed and directed the operations of 4,500 miles of both gas and liquid pipelines, enhancing and optimizing work processes and staffing levels, achieving significant improvements of documentation, regulatory compliance, damage prevention programs, and safety management.

Key Major International and Domestic Consulting Projects

Project Director leading the joint venture of four national pipeline contractor companies in the planning and construction of 600 miles of 42" and 36" pipelines across three states.

Project Director for over 350 miles of 36" pipeline expansion in North Dakota and Minnesota which included routing, ROW support, engineering, permit acquisitions, and construction planning.

Directed the project services for 612 miles of 24" from eastern North Dakota to Superior, Wisconsin, and responsible for acquiring over 90% of the land rights in less than 12 months.

Led project team as manager of engineering and construction for development and design of the Cushing to Houston/Port Arthur Pipeline, now known as the Seaway expansion projects, which included 610 miles of 30" mainline and numerous pump stations.

Led Project Team for construction planning, execution, and contracting strategies for the US Alberta Clipper (326 mi, 36”), Southern Access (450 mi, 42”), and Southern Lights (811 mi, 20”); and provided construction consultation and guidance for the Canadian portions of those projects.

Led project teams for all phases of major expansion pipeline projects for 327 miles of 36”, 53 miles of 30” 60 miles of 24”, among a variety of other pipeline projects, and project development activities.

Nizhnevartovsk, Okrug, Russia with Zapsibtransgas – Consulting advisor for development of a 1050 km NGL pipeline system addressing project team organizational structure, approach, project risk management, and construction planning.

Sao Paulo, Brazil with Uniduto - Consulting advisor for project development, feasibility, and project management team organizational structure for a system involving over 600 km of large diameter pipelines; 4 rail and truck terminals; 1 barge/truck terminal; and 1 offshore marine terminal. Evaluation included commercial structures with shippers, process engineering, and project structure.

Langfang, China with CPPE - Pipeline Risk Evaluation pilot program for the second transcontinental Chinese Gas Pipeline, which involved risk modeling and risk assessment, and final recommendations for design and construction practices to achieve risk reductions.

Pipeline Risk Evaluation for the Transredes pipeline system in Bolivia, which included multiple systems of gas, oil, and liquid petroleum products. This involved risk modeling and risk assessment, and final risk reduction recommendations.

Pipeline Risk Evaluation for the TBG (gas) pipeline system in Brazil, which involved risk modeling and risk assessment, and final risk reduction recommendations.

Gujarat India for Enbridge - investigated quality issues in steel production at the Welspun steel plate mill. Working with metallurgists and technicians to research, identify, and cure anomalies in steel plate tensile strength.

Work History

- 2022 – Present Managing Director of WKM Consultancy LLC
- 2021 – 2022 Project Director for Quanta Services, Inc
- 2016– 2021 Vice President for Quadrant Services Team LLC and Director of Spring Ridge Constructors LLC responsible for operations of joint venture.
- 2015 - 2016 Price-Gregory International - Project Director for development of Spring Ridge Constructors LLC joint venture
- 2000 - 2015 WKM Consultancy LLC – Management Consulting, Project Management, Project Risk Control, Pipeline Risk Management, Regulatory Compliance, and Pipeline Project Execution Strategies
- 1999 - 2000 Manager of Technical Operations - Oasis Pipe Line Company Texas L.P.
- 1979 - 1999 Dow Hydrocarbons and Resources Incorporated
- Consultant & Liaison to Oasis Pipe Line Company
 - Director of Pipeline Operations - Texas Division
 - Director of Pipeline Operations - Louisiana Division