



David A. Rautmann PE

Principal

Mr. Rautmann's knowledge and experience in engineering and project management spans 35 years. Presently, he serves as Sector Lead for Stantec's Environmental Services group in the Upper Midwest. In this role, he is responsible for top line growth and delivery within Stantec's core business lines of; Mining, Oil & Gas, Power, Transportation, Water, Community Development and Buildings. However, he also has shared responsibilities within Stantec's Balanced Leadership structure for; Health & Safety, quality assurance/quality control, technical innovation, and financial management. In addition Mr. Rautmann is responsible for management of multi-disciplinary project teams. He is a skilled client manager who communicates with clients to maintain superior client satisfaction. This includes meeting with clients, ensuring quality service and client satisfaction, managing staff and overseeing technical training and providing leadership for business development and planning initiatives.

EDUCATION

Bachelor of Science, Nuclear Engineering,
University of Wisconsin, Madison, Wisconsin, 1978

Master of Science, Nuclear Engineering, University
of Wisconsin, Madison, Wisconsin, 1979

REGISTRATIONS

Professional Engineer #22778-6, State of Wisconsin

Professional Engineer #18339, State of Minnesota

Professional Engineer #6201037097, State of
Michigan

Professional Engineer #062049449, State of Illinois

PROJECT EXPERIENCE

Brownfield Remediation and Redevelopment

Demolition, Deconstruction and Redevelopment
Projects, Various Locations, WI, MN, MI and IL

Stantec has a strong reputation for brownfield redevelopment projects. Mr. Rautmann's operations in the Midwest serve as a center of excellence for this work within Stantec. Mr. Rautmann has experience on over 1,000 environmental remediation sites in the upper Midwest with many of these meeting the broader definition of a brownfield redevelopment; that being a former, typically blighted, industrial, commercial or retail site with confirmed or suspected soil or groundwater contamination. The site is then redeveloped by remediating the contaminants; demolishing, de-constructing or restoring the former buildings; and re-purposing the site for a new higher use thus restoring the tax basis of the property. This is often accomplished through a public and private partnership using federal and state grant/loan money to supplement private financing.

Significant projects that Mr. Rautmann has been involved with include:

Former Kingsbury Brewery – demolition and repurposed to green space.

Former Verifine Dairy - repurposed to affordable housing and recreational.

Former Garton Toy - repurposed to residential housing.

Former New Page Mill – demolition and repurposed to multi-tenant industrial.

Former Glatfelter Mill Redevelopment Area – demolition and repurposed to multi-tenant office and commercial space.

Winner of the 2012 National Brownfields Award for Economic Impact

Wausau Riverfront Revitalization Area – demolition and repurposed from former heavy industrial use to green space and commercial and light industrial. Winner of the 2013 National Brownfields Award for Economic Impact.

Former Fergus Falls Incinerator – demolition and being repurposed for light industrial use

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Oil & Gas

Various Gathering Lines Projects, North Dakota

Mr. Rautmann serves as Client Manager for all of the Hess Petroleum accounts in North Dakota. Project work includes engineering and process design for gathering lines and supporting facilities as well as environmental support for siting studies, stormwater monitoring and 3rd party environmental monitoring. Mr. Rautmann is responsible for the overall client satisfaction as well as quality assurance and general project oversight. This account has grown significantly over the past several years due to Mr. Rautmann's management and the quality of work produced by Stantec in the Oil and Gas practice.

Lewiston Pump Station Foundation Repair, Lewiston, Michigan

Stantec assisted Enbridge on evaluation and repair of pump foundation repairs due to vibration induced cracks. Stantec assisted in structural evaluation of the foundations, design of foundation repairs, bidding of construction work, oversight of contractors (Stantec's inspectors are certified by Enbridge), startup testing and final cost and project reconciliation. Mr. Rautmann performed as Project Manager for the engineering work completed for Enbridge and brought the project in on time and budget despite having to manage around several planned outages.

Traffic Impact Assessments

Transcanada Northern Border Pipeline - Princeton Lateral Traffic Impact Assessment, Multiple Cities, Illinois (Principal)

As part of the permitting and bonding requirements for the township and county, Stantec performed a pre-construction roadway impact assessment to document the roadway, culvert and bridge conditions on the proposed construction haul routes for a major oil pipeline expansion project in Illinois. Stantec also met with the county and township engineers to negotiate repair estimates for establishing financial security. After construction was complete, Stantec performed a post construction assessment to quantify the impacts claimed by the county and helped negotiate a final settlement of impact costs associated with the project construction. The final post construction repair costs came in slightly under the pre-construction repair estimates. Stantec also provided onsite, full time environmental monitoring to ensure permit compliance during construction. Mr. Rautmann served as Project Manager for the traffic impact study and closely coordinated services with our environmental staff.

Power Transmission & Distribution

Northern States Power, Superintendent of Safety Analysis

During his nine years at Northern States Power, Mr. Rautmann was part of the Nuclear Analysis group whose development methodology to help NSP became one of the first utilities to be approved by the Nuclear Regulatory Commission to perform their own core and safety analysis for licensing. These approved methodologies were subsequently used in managing core re-fueling, evaluating equipment modifications, implementing the plant stimulator program and planning emergency action exercises.

At Stantec, Mr. Rautmann maintains a strong connection to the Power industry with involvement on transmission and distribution; renewable energy (wind, solar and hydroelectric) and generation projects. Mr. Rautmann fills a key role in marketing and providing client oversight for these clients.

Community Development

Former Landfill Remediation, Grafton, Wisconsin

Stantec has had a strong relationship with the Town of Grafton for many years, serving as the Town Engineer and completing a wide variety of environmental projects on behalf of the Town. A major project was the investigation, evaluation of remedial alternatives and implementation of the approved remedial action plan. Contaminants from the former landfill were first identified in residential drinking water wells downgradient of the landfill. Stantec was immediately involved negotiating a solution with the USEPA and WDNR. A municipal water supply was extended to the affected residents. Subsequently to the immediate actions to protect health and welfare, Stantec developed and implemented a soil and groundwater investigation, sampled drinking water wells across the township, negotiated on behalf of the Town with the WDNR and the other responsible parties and helped develop the final remedial action plan. Stantec is currently retained to implement the plan. Mr. Rautmann served as Project Manager for most of the project and still serves as Client Manager for the Town. Mr. Rautmann's negotiating skills throughout the project with both the regulatory agencies and other responsible parties helped the Town save money while still protecting the health and safety of the Town's residents.

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The Bull at Pinehurst Farms Golf Course - Site Permitting and Engineering, Wisconsin (Project Manager)

Stantec was retained to provide all of the engineering and permitting support needed for development of a world class golf course and residential development in Wisconsin. As Project Manager it was Mr. Rautmann's job to provide all of the necessary support for the golf course designer, Nicklaus Design (this was the first and is the only Jack Nicklaus Signature course in Wisconsin). Permitting and engineering activities included, cleanup of a former farm dump and underground storage tank, asbestos removal from a former dairy building, wetland delineation and mitigation, design of the irrigation well and ponds, stormwater management plans, erosion control plans, design of four bridges, streambank stabilization and floodplain hydraulic analyses. Mr. Rautmann provided weekly on-site design support and inspection services throughout the construction of the course and continues to provide the owner with engineering support for small maintenance and repairs.

Stantec promotes a strong connection to the local community and hence focuses on providing municipal and local development support services. Mr. Rautmann has been involved in hundreds of Community Development projects in the upper Midwest which span the spectrum of engineering to environmental support. Many of these projects have focused on remediation, water resources and recreational development.

Water

Legend Lake Dam Repair and Lake Restoration, Keshena, Wisconsin (Project Manager)

Stantec was originally retained by the Legend Lake Protect and Rehabilitation District to respond to WDNR concerns about the condition of Dams #1 and #3 which form Legend Lake. Mr. Rautmann's role was project management and technical support. Stantec engineers inspected the dams, negotiated solutions with the WDNR and Menomonee Tribes, prepared plans and construction specifications and documented construction. Following this, Stantec was further retained to perform an Aquatic Plant Management Plan which again was approved by the WDNR and Tribe. The LLPRD has since hired in-house staff and continues to utilize portions of the original plan to implement their annual chemical treatment of Eurasian Milfoil. Mr. Rautmann originally served as Project Manager and later as Client Manager. Stantec ultimately withdrew from the project because of conflict of interest concerns with both the LLPRD and Tribe as clients.

Stantec is a leader in water resource management in the upper Midwest with a strong focus on lake and stream restoration as well as coastal resources. This involves not only a strong technical basis but also obtaining Federal, State and local funding to support these projects. Mr. Rautmann has been involved in numerous water resource projects in the upper Midwest providing management, permitting and grant funding expertise.