

EXPERIENCE SUMMARY

Jon has more than 15 years of experience in consulting engineering. He has always had an innate interest in water and water quality; combined with his analytical and problem solving skills, his position as a water resource engineer is a perfect fit for him. He likes the challenge of protecting lakes and streams from pollution in stormwater runoff, and loves the creativity involved with designing stormwater facilities for developing areas. He values and enjoys the relationships he has built assisting utilities and municipalities with their diverse and challenging stormwater issues. Jon also has experience with unique projects such as private pond design, stream and lake rehabilitation, water conservation and re-use through rain gardens and rain barrels, and serving on stormwater technical committees.

EXPERTISE

Stormwater Management
Stormwater Master Planning
Municipal Stormwater Issues
Stormwater Facility Analysis & Design
Hydrology and Hydraulics
Erosion Control and Restoration
Flood Studies
Lake Restoration

REGISTRATION

Professional Engineer
Wisconsin 38182

EDUCATION

B.S., Civil Engineering (1995)
University of Wisconsin – Madison

PROFESSIONAL HISTORY

Montgomery Associates (2009-present)
Vierbicher Associates (2004-2009)
Gateway Solutions (2001-2004)
Ayres Associates (1997-2001)
S.A. Miro (1996-1997)

SELECTED PROJECT EXPERIENCE

Cardinal Substation, Town of Middleton, WI (MARS Project Manager/Engineer)

- Design, permitting, specifications, bidding, and construction oversight assistance for a new 8.4-acre substation.
- Project included challenging permits involving multiple regulatory agencies, innovative drainage and stormwater design, and complex construction schedules.
- Coordinated with large project teams and multiple contractors, with changing personnel, over multiple years.

Post-Construction Stormwater and Drainage Facility Inspections, Multiple Locations, WI and MN (MARS Project Manager/Engineer)

- Conducting post-construction inspections of stormwater management and drainage facilities at twenty-two (22) sites.
- Projects include researching stormwater management plans, maintenance agreements, construction plans, as-built plans, and previous inspection reports.
- Categorize required maintenance with respect to permit compliance and safety, and recommend deadlines.
- Discuss results and coordinate maintenance action items with Owners.

Paradise Pond Rehabilitation Study, City of Stoughton, WI (Vierbicher Project Manager)

- Study regarding rehabilitation of a 13-acre combined stormwater basin and natural kettle wetland.
- Project involved topographic survey, wetland delineation (by others) and permitting, hydraulic and hydrologic runoff modeling, and collection/analysis of data related to soils, infiltration, groundwater, surface water conveyance systems, storm sewer systems, rainfall and storm events, and time-lapse photography.

PUBLICATIONS & PRESENTATIONS

Radloff, JS, 2011. *Substation Stormwater Management & Site Civil Works – Lessons Learned*, Presentation at ATC-ECI Annual Project Manager Meetings.

Radloff, JS, 2010. *Management of Accumulated Sediment From Stormwater Structures*, Presentation at Town & Country Engineering's 14th Annual Public Works Seminar.

Radloff, JS, AC Paul, 2009. *Stormwater Facility Monitoring With Time-Lapse Photography*, Presentation at NASECA – Wisconsin Annual Conference.

Radloff, JS, AC Paul, 2009. *Rain Activated Detention Basin Monitoring System: RADBaMS*, Presentation at Fox-Wolf Watershed Alliance Annual Conference.

PROFESSIONAL ACTIVITIES

Upper Sugar River Watershed Association (USRWA) - Board of Directors (2008-present)

ACEC Engineering Future Leaders, Class of 2009

Madison Area Builders Association Government Affairs Committee (2009-present)

Stormwater Infiltration Task Force - Dane County Lakes and Watershed Commission (2005-2006)

Erosion Control and Stormwater Management for Substations, Multiple Locations, WI and IL (MARS Project Manager/Engineer)

- Preparation of state, county, and/or local erosion control and stormwater management permits for several substation construction projects.
- Many projects include construction-stage erosion control inspections and reporting. Some projects include wetland and waterway permitting.

Erosion Control for Linear Utility Projects, Multiple Locations, WI (MARS Project Manager/Engineer)

- Preparation of state, county, and/or local erosion control permits for several linear utility projects.
- Many projects include construction-stage erosion control inspections and reporting. Some projects include wetland and waterway permitting.

Construction Specifications and Standards Development for Substation Projects, WI (MARS Project Engineer)

- Currently assisting in development of new construction standards and specifications for site work at substations.
- Coordinating with utility company and the electrical design consultant.

Municipal Stormwater Issues, Town of Middleton/Village of DeForest/City of Stoughton, WI (Vierbicher Project Manager)

- Broad range of consulting engineering services related to Stormwater Master Plans, stormwater facility design and inspection, stormwater design reviews, State stormwater discharge permit activities (suspended solids reduction modeling, illicit discharge issues, I&E programs, pollution prevention plans, MS4 Maps, etc.), street reconstruction projects, conveyance, erosion, and flooding issues, and stormwater inventory and planning using GIS.

UW-Madison Arboretum Johannsen Pond Outfall Improvements, City of Madison, WI (MARS Project Engineer)

- Provided construction oversight for semi-offline stormwater management retro-fit for storm sewer outfall, stressing adherence to construction plans and specifications.
- Project included a prairie/wetland basin that provides water quality improvement, meeting WPDES permit requirement.
- Project involved coordination between multiple contractors and complex restoration details.

Lake Leota Rehabilitation, City of Evansville,
WI (Vierbicher Project Engineer)

- Design, permitting, bidding, and construction administration for dredging and rehabilitation of a 26-acre lake.
- Project involved creation of the rehabilitation plans provided for sedimentation areas, recreational areas, and fishing areas, as well as construction-stage documents and administration

Rivers Turn at Conservancy Place, City of
DeForest, WI (Vierbicher Project Engineer)

- Planning, design, and permitting related to dry detention basins, wet detention basins, infiltration areas, bioretention areas, storm sewer systems, roadside swales, culverts, and grassed swale conveyance facilities for this 131-acre multi-use (single-family, multi-family, and elementary school) site. Work also involved construction-stage and post-construction inspections.

Arrigoni Pond, Town of Cross Plains, WI
(Vierbicher Project Engineer)

- Feasibility study regarding construction of a 2-acre pond on a 21-acre parcel near the Sugar River. The study considered two pond alternatives and the following issues: soils, bedrock, groundwater, wetlands, waterways, and DNR permitting (dam, pond, and grading).