



**KRISTIN MAREK**  
**SOIL SCIENTIST/HYDROGEOLOGIST**

---

Kristin serves as company President and as Project Manager for consulting projects involving natural resources, environmental assessments in conformance with the Wisconsin Environmental Policy Act, and permitting. She has over 9 years of consulting experience for various clientele, including private, non-profit, financial, and government agencies such as the U.S. Army Corps of Engineers and the Wisconsin Department of Transportation. Kristin also serves on the board of the Milwaukee Area Land Conservancy.

**Education**

University of Wisconsin – Madison, WI  
B.S., Soil Science - 1996

Washington State University – Pullman, WA  
M.S., Geology – 2000

**Training**

University of Wisconsin – LaCrosse  
Basic Wetland Delineation & Plant Identification

OHSA Certified Hazardous Site Worker

**Partial Project Experience** *[with Marek Landscaping and other engineering firms]*

**Hayton Area Remediation Project Environmental Analysis, Calumet County, Wisconsin**

The purpose of the project was to remove PCB-impacted sediments and soils from approximately 4.1 miles of Pine Creek in Calumet County, Wisconsin. The need is to permanently reduce the amount of impacted sediments within the creek in order to improve the health of the aquatic community. Remediation required excavating 45% of the project area stream channel and overbank areas and will impact habitat for the Greater redhorse species (a State of Wisconsin Threatened fish) and 23 acres of wetlands. Under a tight timeline and budget, Kristin worked to garner consensus and coordination between the client, the Wisconsin Department of Natural Resources (WDNR) and the U.S. Army Corps of Engineers by setting up biweekly meetings to keep direct communication between the design team and the permitting agencies. Kristin also prepared the NR 150 environmental assessment in conformance to the Wisconsin Environmental Policy Act (WEPA), prepared the Ch. 30 & Section 404 joint permits, coordinated the archaeological & historical survey, assisted with the Incidental Take Authorization process for the Greater redhorse, and participated in the WDNR public hearing.

**Milwaukee County Grounds Environmental Analysis, Wauwatosa, Wisconsin**

The project involved the final design of a floodwater storage basin at the Milwaukee County Grounds site under the direction of Milwaukee Metropolitan Sewerage District (MMSD). The design process included completing an environmental analysis of the project site to inventory natural and cultural resources and to determine the effect of the proposed design on the resources in accordance with the Wisconsin Environmental Policy Act (WEPA). Kristin was involved with data collection, project impact analysis, report preparation, and public notice preparation. She also prepared the Ch. 30/Section 404 joint permit, the Ch. 103/NR 299 wetlands permit, a development at a historic landfill site exemption, and a low-hazard waste exemption.

**Landfill Gas Pipeline Environmental Coordination, Milwaukee & Waukesha Counties, Wisconsin**

The purpose of the project is to provide a supply of landfill gas (LFG) from Emerald Park Landfill in Muskego, Wisconsin, to the Jones Island Water Reclamation Facility through a 17-mile long pipeline. The Milwaukee Metropolitan Sewerage District intends to use the LFG as a direct fire combustion heat source for its Milorganite dryers. Kristin coordinated the environmental resource surveys, worked with the engineering design consultant to review and avoid project impacts, and coordinated with the regulating agencies (WDNR, USACOE, and WisDOT) to determine required permits and concurrence.



**KRISTIN MAREK**  
**SOIL SCIENTIST/HYDROGEOLOGIST**

---

**Western Milwaukee Project Environmental Analysis, Wauwatosa & Milwaukee, Wisconsin**

This project comprises the final flood management project to be implemented in the Lower Menomonee River and will include designing a levee/floodwall system, floodplain lowering, and interior drainage improvements. Kristin served as the environmental analysis and permitting lead for the project. The work included managing subconsultants that surveyed historical & archaeological resources, endangered & threatened species, and wetlands and preparing the NR 150 environmental analysis document in accordance with WEPA. Kristin also coordinated with the U.S. Army Corps of Engineers and the Wisconsin Department of Natural Resources on project impacts to resources and required permits.

**Milwaukee River Trail and Bluff Restoration Project, Shorewood, Wisconsin**

The purpose of the project was to provide a trail design and bluff restoration planning document focusing along the east bank of the Milwaukee River from Hubbard Park to East Capital Drive in Shorewood, Wisconsin. This included developing a pedestrian trail at the top of the river bluff, rehabilitating an existing trail along the river's edge, identifying trail access and connections, and restoring the bluff in terms of stabilization, drainage, and vegetation. Major project elements included: evaluating existing conditions (hydrology, wetlands, vegetation, & trail use), developing alternatives for trail alignment and connections, public outreach, and providing recommendations to trail alignment, drainage/erosion/bluff stabilization, vegetation, monitoring & maintenance, implementation, permits/approvals, and cost. Kristin provided overall coordination for the project and its five subconsultants, prepared the conceptual plan, and organized stakeholder and public meetings.

**Beerline Trail and Community Park, Milwaukee, Wisconsin**

Marek Landscaping completed the design of the Beerline Trail and Community Park in the City of Milwaukee. This project involved revitalizing an abandoned railway into a park that crosses six city blocks from Locust Street in the Riverwest Neighborhood to Keefe Street in the Harambee Neighborhood. Features of the plan include assessing trail connections to existing neighborhood parks and alleys and the existing Beerline Trail, low-maintenance native landscaping, innovative stormwater management practices such as a dry infiltration basin that can double as an ice rink, stormwater trees for evapo-transpiration, micro-grading to direct runoff, and plazas. Marek Landscaping talked with residents living along the railway, and worked with neighborhood leaders, City of Milwaukee Department of Public Works staff, the Riverworks Business Improvement District, and local aldermen. The final deliverable was a set of plans and specifications sent out for bidding that was approved through the City of Milwaukee and Wisconsin Dept. of Transportation. Kristin organized and led the initial meetings with stakeholders and organized the public meetings to gather input from the neighborhoods.

**Lake Beulah Residence, Walworth County, Wisconsin**

The project involved providing a landscaping and bluff stabilization design for a 10-acre property located in Walworth County. Work included providing a general design, a vegetation management plan, and a construction estimate. Kristin coordinated with Walworth County staff to verify that the design was in compliance with shoreline ordinances, to verify which construction permits were required, and to help develop the vegetation management plan.

**Phase I and II Environmental Site Assessments, Racine, Wisconsin**

The City of Racine is planning to restore a passenger train depot for use along the proposed commuter rail service between Kenosha and Milwaukee. Kristin completed the Phase I and II Environmental Site Assessments on the train depot and surrounding lot. Her Phase I ESA report received an "above average" rating by the Wisconsin Department of Transportation, District 2.