

Education

MS, Environmental Science,
The Ohio State University,
2005
BS, Agriculture, The Ohio State
University, 2003
AAS, Landscape Design/Build,
Columbus State Community
College, 2001

Years of Experience

Total - 15
With ARCADIS - <1

Vincent J. Tremante, LEED AP BD+C

Project Ecologist

Mr. Tremante has recently joined ARCADIS bringing 15 years of project experience in natural resource planning and design, regulatory permitting and compliance, low impact site development design, and green infrastructure planning and design. His natural resource planning and design experience includes natural resource assessments, wetland and stream quantitative evaluations, mitigation and restoration design, endangered species habitat evaluations, and regulatory permitting. Mr. Tremante is an expert in green infrastructure with experience in site layout with distributed stormwater management, bioretention design and soils specifications, planting and seeding plans using native plant material, integrating natural systems into built urban environments and green infrastructure construction observation. Mr. Tremante has joined ARCADIS as a Project Ecologist and will be primarily responsible for regional environmental planning and permitting. Mr. Tremante will be the primary client contact for natural resource regulatory issues and will be responsible for field evaluations, data collection and regulatory coordination and compliance.

Professional Registrations

Level 2, QHEI Qualified Data Collector – Ohio Environmental Protection Agency
LEED AP BD+C – US Green Building Council
Lake County Certified Wetland Specialist

Professional Training

Wetland
USACE Wetland Delineation & Management Training Program - Richard Chinn Environmental Training
Ohio Rapid Assessment Method (ORAM) - Ohio Environmental Protection Agency
Vegetative Index of Biotic Integrity (VIBI)- Ohio Environmental Protection Agency
Streams
Geomorphology and Ecology of Stream Systems, Technical Workshop
Qualitative Habitat Evaluation Index- Level 2 (QHEI) - Ohio Environmental Protection Agency
Primary Headwater Habitat (HHEI) - Ohio Environmental Protection Agency
Ohio Department of Transportation
Managing the Environmental and Project Development Process - Ohio Department of Transportation; National Environmental Policy Act training
Ecological Training - Ohio Department of Transportation
Waterway Permits Training - Ohio Department of Transportation

Project Experience

Natural Resource Assessments

Honda of America Manufacturing

Logan County and Union County, Ohio 2013

Project Ecologist – completed field data collection and natural resource due diligence necessary to produce a surface water delineation report suitable for potential regulatory permitting; responsibilities included wetland determination and delineations, headwater stream evaluation, and endangered species habitat evaluation.

Carroll County Energy Center

Carroll County, Ohio 2012

Project Ecologist – conducted preliminary field reconnaissance and desktop review necessary to complete a “critical issues” site suitability evaluation report for a proposed natural gas electric generation facility; responsibilities included researching readily available information on mapped wetlands, floodplains, endangered species records and identified cultural resources; field evaluations identified areas that exhibited potential wetland criteria, potential favorable habitat for state and federal endangered species, and potential sensitive receptors.

Oregon Clean Energy

Lucas County, Ohio 2012

Project Ecologist – completed field data collection and natural resource due diligence necessary to produce a surface water delineation report suitable for potential regulatory permitting with a proposed natural gas electric generation facility; responsibilities included wetland determination data collection, headwater stream evaluations, endangered species habitat evaluation, surrounding land use evaluation and cultural resource coordination.

Glenn Parkway Extension – Phase 1a

Delaware County, Ohio 2011

Project Manager - field data collection and natural resource due diligence for a linear transportation project. Responsibilities included a completing a wetland delineation, HHEI stream evaluation, Indianan Bat habitat evaluation and mist netting, USFWS coordination, tree preservation survey, and report preparation and submission.

Green Infrastructure

Philadelphia Green Streets Project - Construction Work No. S-50053-G

Philadelphia County, Pennsylvania 2012

The Philadelphia Water Department contracted ARCADIS to design green infrastructure stormwater management measures for approximately 4 acres of impervious urban roadways

and sidewalks. The two methods of stormwater management are below grade infiltration trenches and curb extensions with below grade water storage volume. The below grade infiltration trenches are primarily installed under sidewalks and are planted with street trees. The curb extensions are vegetated with grasses, shrubs and trees. The project provides stormwater management and beautification for 7 locations in the northeast and northcentral portions of Philadelphia. Mr. Tremante reviewed project concept plans and provided recommendations for alternative solutions and revised layouts. On going – anticipated completion 2013.

City of Columbus: Overall Engineering Consultant Services

Franklin County, Ohio 2009-2012

The City of Columbus continues to evaluate innovative applications and non-traditional uses of Green Infrastructure (GI). As part of its evaluation, the City has hydraulically analyzing retrofitted GI into built-out urban areas for CSO abatement as part of the City's Wet Weather Management Plan. The objective of this analysis has been to reduce or eliminate proposed off-line storage tanks in several of the Upper Olentangy Combined Sewer Overflow (CSO) basins through retrofitting GI.

While with another firm, Mr. Tremante was the project manager and primary point of contact overseeing the Green Infrastructure CSO abatement analysis for both the 3rd Avenue and Indianola Avenue basins. Mr. Tremante has managed staff and coordinated project schedules and budgets with the client team. In addition to project management, Mr. Tremante has completed field analysis of subcatchments to identify favorable GI types, location, and potential constraints.

Mr. Tremante completed and assisted staff with conceptual planning of preferred GI alternatives and assisted with hydraulic analysis of GI effects on peak flow reduction; conducted field work investigations, analyzed field data, assisted with watershed analysis and data evaluation; completed the preliminary cost estimating for the project; and directed staff in the completion of a professional report of the analysis and results. Mr. Tremante routinely attended project meetings to provide update and support information to the client team.

City of Columbus: Incentives for Green Infrastructure

Franklin County Ohio 2008

While with another firm, Mr. Tremante was the project manager for first investigative Green Infrastructure (GI) analysis for the City of Columbus. Goals of the project were to identify GI opportunities in problem CSO basins, evaluate effects of GI on the current collection system model, and evaluate the feasibility of GI to potentially offset estimated costs associated with reduced CIP infrastructure, treatment and pumping costs. Mr. Tremante worked with the project team to identify a sample set of sewerage basins whose land uses would be representative of the greater CSO system, assisted in GI BMP conceptual development, managed Williams Creek Consulting staff through final reporting, and presented interim results and final results to City and concerned stakeholders. It was the objective of the evaluation to maintain public locations of proposed GI facilities where practicable. Where GI locations on private property were proposed,

drainage easements were recommended to clarify responsibility. The final report identified potential GI opportunities and recommended pilot scale projects to evaluate and confirm results for use in calibrating future GI modeling efforts.

City of Columbus: American Addition

Franklin County Ohio, 2010-2012

While with another firm, Mr. Tremante was the project manager for this revitalization and redevelopment project within an existing residential neighborhood near downtown Columbus, Ohio. In an effort to both improve quality of life and economic development within the area, infrastructure improvements such as new roads, sidewalks and alleys are proposed for construction with funding through the Economic Development Department.

Mr. Tremante coordinated efforts with the client, the City, the Ohio EPA and the Ohio DNR to receive approval for a new and innovative stormwater quality best management practice. . Mr. Tremante has assisted with the GI plan development and has supported the reporting efforts for the preliminary engineering reporting for the City. Mr. Tremante has routinely met with city and state officials to review plans and provide the coordination necessary to receive approval of the new BMP on this project.

City of Columbus: Reservoir Pollution Reduction Project

Franklin County, Ohio 2011

With the development of housing, roads, and other infrastructure surrounding the City of Columbus' three drinking water reservoirs (O'Shaughnessey, Griggs, and Hoover Reservoirs), large volumes of untreated stormwater runoff and associated nonpoint source pollution potentially compromise the source water of the drinking water reservoirs.

The City of Columbus received \$4.5M in American Recovery and Reinvestment Act of 2009 funding to improve water quality and safety of its three drinking water reservoirs through Green Infrastructure Best Management Practices (GI BMPs) improvements such as bioretention, pervious pavements, rain gardens and restoration efforts. The GI BMPs improvement projects will serve the dual purpose of water quality control, and public park landscape and safety improvement.

While with another firm, Mr. Tremante managed design efforts for this project and was the primary point of contact. Mr. Tremante designed and oversaw the landscape designs for the 36 individual GI BMPs at the 14 Hoover Reservoir sites which used all Ohio native species. Mr. Tremante also assisted with project prioritization and engineering design review. The engineering design documents for 14 separate project sites were completed and approved for bid in 4 months.

Adena Brook Community/City of Columbus – Rain Garden Planning and Installation

Franklin County, Ohio 2007

Mr. Tremante worked with the [Adena Brook Watershed](#) group to site, design, and construct a pilot rain garden to be used by the watershed community as an example of naturalized

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Project Ecologist

stormwater management. The location was adjacent to a major arterial roadway and was on unused park property owned and managed by the City of Columbus Department of Parks and Recreation. Mr. Tremante coordinated efforts with the Departments of Parks and Recreation, Transportation, and Sewerage and Drainage to facilitate the implementation of the off-line rain garden. Mr. Tremante also participated in an outreach for the community residents during construction and directed the layout and planting of the rain garden the volunteers.