Rebecca Winer-Skonovd

Senior Environmental Scientist/ Senior Project Manager

EMPLOYMENT

2019 – Present	Biohabitats, Inc., Baltimore, MD, Senior Environmental Scientist
2013 – 2019	Brown and Caldwell, Beltsville, MD, Water Resources Lead
2007 – 2013	Larry Walker Associates, Davis, CA, Senior Scientist
2000 – 2007	Center for Watershed Protection, Ellicott City, MD, Program Director

EDUCATION

M.S., Community Development, University of California, Davis, 2013
B.S., Environmental Science: Soil, Water & Land Resources, University of Maryland, College Park, 2000

PROFESSIONAL REGISTRATION

Certified Professional in Storm Water Quality, 2009, CPSWQ, Inc.

EXPERIENCE

Ms. Winer-Skonovd is a senior environmental scientist with more than 20 years of experience in project management, environmental site design, watershed planning, and facilitation. Ms. Winer-Skonovd's project experience includes stormwater program implementation, ecological master planning, new development stormwater quality guidance manual development, water quality monitoring, Total Maximum Daily Load (TMDL) implementation, and grant writing and administration. Ms. Winer-Skonovd experience includes working with communities throughout the Chesapeake Bay Region and California. She served as the Director of Capacity Building at the Center for Watershed Protection and provided training and technical assistance to local governments and small watershed organizations on watershed protection and restoration techniques. Ms. Winer-Skonovd's responsibilities also included the facilitation of diverse groups of stakeholders to consensus on variety of topics relevant to environmentally-sensitive development and watershed planning. Additionally, she is the co-author of several guidance manuals which cover topics such as BMP effectiveness, watershed planning and municipal good housekeeping.

RELEVANT PROJECT EXPERIENCE

Baltimore Harbor and Curtis Creek/Bay PCB TMDL Targeted Action Strategy. Ms. Winer-Skonovd oversaw the development of a Targeted Action Strategy that details activities to meet stormwater waste load allocations (WLA) set forth in the Baltimore Harbor and Curtis Creek/Bay Polychlorinated Biphenyls (PCBs) TMDL. This effort also includes the development of a Monitoring Strategy to better characterize sources of PCBs.

Charles County Resiliency Authority Private Stormwater Improvement Prioritization, Charles County, MD. As project manager, Ms. Winer-Skonovd worked with the Charles County Resiliency Authority to assess more than 100 neighborhoods with private stormwater systems that have known flood problems due to outdated infrastructure and rainfall intensification. Results are publicly available via an ArcGIS Online dashboard that conveys project results in an easily accessible and understandable format to the general public and other stakeholders.

City of Annapolis Stormwater Program Assistance. Ms. Winer-Skonovd is managing the development and implementation of an Municipal Separate Storm Sewer System (MS4) program framework, which will serve as the foundation for the City's future compliance with its MS4 requirements. Specifically, this effort includes BMP data management, impervious cover accounting, and BMP triennial maintenance inspections.

City of Salisbury, MD Stormwater Program Support. Ms. Winer-Skonovd served as the project manager for this contract supporting the City of Salisbury's stormwater program. She created and facilitated a virtual employee training session for City maintenance yard staff on stormwater pollution prevention; oversaw a City-wide tree canopy analysis that identified and prioritized opportunities for future tree plantings on City-owned property; and managed the design to retrofit an underperforming stormwater facility at Fire Station No. 16.

Long Branch Watershed Assessment, Fairfax County, VA. Ms. Winer-Skonovd assisted Fairfax County with a targeted and strategic watershed restoration effort in the 3.7 square mile Long Branch watershed to address the local sediment TMDL. Rebecca helped to oversee an extensive watershed assessment that included the assessment of streams, outfalls, and stormwater retrofit opportunities. Field assessment data, public input, and existing data resources were compiled into a project evaluation framework. The framework organized and scored potential restoration projects within three bins: Ecological Benefits, Ancillary Benefits, and Feasibility. A dashboard was created to help key stakeholders visualize and understand the data using an interactive map.

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Tiber Branch and Plumtree Branch Watershed Studies, Howard County, MD. Howard County's Plumtree Branch watershed and Tiber Branch watershed have experienced past flooding events that threatened public health, safety, and welfare. Development in the watersheds dates back to the late 18th century and in some areas the storm drain network is a patchwork of unmapped pipes, swales, and overland flow. Rebecca provided project support for the stormwater retrofit studies of both watershed, which included drainage assessment and improvement studies of existing stormwater infrastructure, identification of opportunities for improved stormwater infrastructure and management, and identification of opportunities for water quality improvement.

RELEVANT PROJECT EXPERIENCE PRIOR TO BIOHABITATS

Site Planning Roundtables. Ms. Winer-Skonovd facilitated consensus building processes in five communities that brought diverse groups of stakeholders that included county staff, developers, engineers, lawyers, watershed organization staff and community association representatives in agreement on specific changes to local codes and ordinances to foster more environmentally-sensitive and economically viable development. Cumulatively, these Roundtables involved nearly 200 stakeholders and generated more than 300 recommendations.

Watershed Planning Stakeholder Meetings. Ms. Winer-Skonovd facilitated stakeholder participation and input for more than a half dozen watershed plans. Stakeholder participation ranged from elected officials to developers to concerned citizens. Most meetings were held in the evening to accommodate working schedules and included discussion of water quality concerns, setting goals and objectives, identifying measures to restore watershed conditions and gauging stakeholder willingness to implement best management practices such as septic system upgrades.

UC Davis Climate Action Plan. Ms. Winer-Skonovd worked closely with the UC Davis Office of Sustainability to determine and quantify the role of stormwater management and carbon sequestration in meeting UC Davis' commitment to reducing greenhouse gas emissions to 1990 levels by 2020. In particular, she reviewed carbon sequestration options, estimated the carbon sequestration of the existing vegetation on campus property, and identified the carbon sequestration benefits of landscape conversion and stormwater restoration projects.

Montgomery County Stormwater Program Support. Ms. Winer-Skonovd provided joint oversight of a team delivering stormwater program assistance to Montgomery County Department of Environmental Protection (DEP). Assistance included Capital Improvement Program (CIP) restoration planning, management support, engineering and permitting standards, project coordination with county and stakeholders, public outreach, impervious cover accounting, geodatabase support, development of data integration tools, annual report assistance, and other services.

Incorporation of LID Requirements into Post-Construction Guidance Manuals. Ms. Winer-Skonovd revised post-construction stormwater guidance manuals for several communities including the City of Stockton, Ventura Countywide Stormwater Quality Management Program, Port of Long Beach, Port of Los Angeles and City of Modesto (CA). Manual updates include the integration of Low Impact Development (LID) requirements and stakeholder input. Each Manual is tailored to each community's unique conditions, stakeholder concerns and MS4 Permit requirements. LID requirements vary from effective impervious area caps to post to pre-project volume matching to full onsite retention.

City of Davis Small MS4 General Permit Assistance. Ms. Winer-Skonovd assisted the City in developing and implementing its stormwater program consistent with the Small (Phase II) Municipal Separate Storm Sewer System (MS4) General Permit. Assistance has included creating and revising the City's Stormwater Management and Discharge Control Ordinance, preparing Annual Report sections for submittal to the Regional Board, and assisting in the development of the City's stormwater website.

Port of Los Angeles Tenant Outreach. Ms. Winer-Skonovd worked closely with the Port of Los Angeles staff to better understand Port tenant activities and identify the types of assistance and resources needed by tenants to reduce stormwater pollution and comply with stormwater regulations. She led the effort to conduct outreach to Port tenants on stormwater regulations using a multi-prong approach that included phone calls, mailouts that included a regulatory overview fact sheet and a BMP fact sheet, site visits, and outreach seminars.

PROFESSIONAL ASSOCIATIONS

CWEA Board of Directors (2020 – 2023)
CWEA Stormwater Committee Chair (2016 – 2018)
Center for Watershed Protection Board of Directors (2010 – 2015)
CASQA MS4 Phase II Subcommittee Chair (2009 – 2013)
CASQA Board of Directors (2012 – 2014)