



SNEP Network Community Assistance Projects (CAP) 2022 Technical Assistance Project Descriptions

The SNEP Network brings together 16 partner entities including local environmental organizations, academic institutions, regional planners, and consultants who work collaboratively to provide municipalities, tribes and organizations access to free training and technical assistance to advance stormwater management and ecological restoration goals across the region. The SNEP Network is administered through EPA’s partnership with the New England Environmental Finance Center, a non-profit technical assistance provider for EPA Region 1, located at the University of Southern Maine, part of the University of Maine System.

In October 2022, the SNEP Network released a solicitation for community assistance projects. Through a competitive process, the SNEP Network selected 10 projects with 8 SNEP communities and 1 tribe in which to provide technical assistance.

Community	Project Description	SNEP Partners
<i>Stormwater Planning Series</i>		
<ul style="list-style-type: none"> ▪ Groundwork Southcoast with New Bedford, MA ▪ Town of Marion, MA ▪ Town of North Kingstown, RI ▪ Town of Shrewsbury, MA 	<p>Training for municipal officials, volunteer Board members, and/or NGO staff to develop conceptual design(s) for stormwater retrofits and green infrastructure solutions to address identified problems in the town-selected drainage area or other area to be selected upon further discussion with SNEP Network partners.</p> <ol style="list-style-type: none"> 1) The SNEP Network project team in collaboration with Jen West of the Narragansett Bay National Estuarine Research Reserve will develop and deliver a Stormwater Planning Training Series for the selected cohort of communities 2) SNEP Network partners will undertake a facilitated planning process with the participating communities/tribes to apply the tools and techniques presented in the training sessions to generate stormwater solutions addressing identified problems in their selected drainage areas 	<ul style="list-style-type: none"> ▪ Elizabeth Scott Consulting ▪ UNH Stormwater Center ▪ Save the Bay ▪ Narragansett Bay National Estuarine Research Reserve (NBNERR) ▪ Blackstone Watershed Collaborative ▪ Southeastern Regional Planning and Economic Development District (SRPEDD) ▪ Kimberly Groff Consulting

<i>Climate Resilience Planning & Financing Strategy</i>		
Middletown, RI	<ol style="list-style-type: none"> (1) Develop a 5-year climate resilience capital improvement plan (RCIP): The resulting RCIP would help Middletown prioritize resilience action items, including more detailed scoping of projects identified in Middletown’s Community Resilience Building report, as well as their Comprehensive Plan and Hazard Mitigation Plan. (2) Provide recommendations on sustainable funding and financing mechanisms and investment of climate resilience projects. (3) Support and Enhance Climate Leadership Collaboration on Aquidneck Island: Working in close partnership with the Rhode Island Infrastructure Bank and the Regional Resilience Coordinator, compile regional themes and findings from across the three island municipalities to efficiently move resilience projects forward on the regional scale. 	<ul style="list-style-type: none"> ▪ Throwe Environmental (Lead) ▪ Elizabeth Scott Consulting Rhode Island Infrastructure Bank (RIIB)
<i>Stormwater Planning and Technical Assistance</i>		
Buzzards Bay Coalition	<ol style="list-style-type: none"> (1) GIS analysis for developing spatial hydrologic response units (HRU), a combination of land use type, soil infiltration capacity, and land cover slope, to characterize the watershed conditions. (2) Using the GIS and climate data, configure a set of SWMM5 models using the local representative hourly rainfall and daily air temperature time series. The SWMM5 models will be based on the published calibrated Opti-Tool SWMM models. 	<ul style="list-style-type: none"> ▪ Kimberly Groff Consulting ▪ Southeastern Regional Planning and Economic Development District (SRPEDD)
Burrillville Land Trust (RI)	<ol style="list-style-type: none"> (1) Identify priority topics on which to develop a presentation, including land use planning, watershed protection, and ecosystem services protection and present to the Burrillville Planning Board (2) Develop a regional training on select topics to communities in the Blackstone Watershed 	<ul style="list-style-type: none"> ▪ Blackstone Watershed Collaborative Syracuse Environmental Finance Center

<p>Mashpee Wampanoag and Town of Mashpee, MA</p>	<ol style="list-style-type: none"> (1) Assistance with community engagement, communication, partnership building, and facilitation for stormwater/watershed management and ecological restoration (2) Technical support for grant applications to leverage Town match for additional funds (MVP, 319 NPS, 604b), and communications with grant entities (3) Finalization of Watershed Based Plan (on critical path for 319 NPS funding) (4) Analysis of baseline monitoring data and communication of results to the public 	<ul style="list-style-type: none"> ▪ Kimberly Groff Consulting ▪ The Nature Conservancy of Massachusetts ▪ Syracuse Environmental Finance Center ▪ Cape Cod Commission
<p><i>Low-Impact Development/Green Infrastructure/Bylaw Review</i></p>		
<p>Shrewsbury, MA</p>	<p>Assistance revising the current Rules and Regulations Governing the Subdivision of Land, the Rules and Regulations Governing Special Permits and Site Plan Review, and the Shrewsbury Zoning Bylaw to integrate new low impact design and green infrastructure requirements.</p>	<ul style="list-style-type: none"> ▪ Blackstone Watershed Collaborative ▪ Mass Audubon
<p>South Kingstown, RI</p>	<p>Develop a buffer restoration plan including:</p> <ol style="list-style-type: none"> (1) Detailed planting plan laying out the location and vegetation type (trees, shrubs, grasses, forbes, etc.) for the buffer area on both sides of Indian Run Brook in Peacedale Village Green (2) Conceptual designs for managing sheet flow surface runoff from the parking lot at the South Kingstown Neighborhood Guild (including design for a berm or other level spreading technique, and possibly other green infrastructure techniques to be incorporated into the restored buffer area adjacent to the parking lot) (3) Order of magnitude cost estimates to implement the buffer restoration plan 	<ul style="list-style-type: none"> ▪ Elizabeth Scott Consulting ▪ Save the Bay