

Narragansett Bay Estuary Program
Executive Committee Meeting

January 14, 2020
River Bend Farm
Uxbridge, MA

1. Chair's Report

2. Program Highlights

3. Logistics and Administrative Issues

4. Upcoming Meetings

5. Action Items

Program Report Highlights

1. Financials

2. Steering Committee Members & Officers

3. Internship Program

4. Revenue Diversification

5. CCMP Revision

6. Blackstone Needs Assessment kick-off

7. Manuscripts

8. Metadata Progress

NBEP Budgeted Direct Funds Remaining (December 31, 2019)

Direct Cost Item	EPA Fiscal Year and Active Job Cost Codes					Totals
	FY15 (318)	FY17 (332)	FY18 (338)	STB (324)	FY19 (349)	
Personnel and Fringe	\$0	\$0	\$379,698	\$14,759	\$439,824	\$834,281
Travel	\$0	\$0	\$0	\$440	\$10,800	\$11,240
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Supplies	\$0	\$0	\$5,862	\$0	\$500	\$6,362
Contracts	\$0	\$39,437	\$70,000	\$0	\$0	\$109,437
URI STORMTOOLS		\$26,964				\$26,964
CoastWise Partners		\$0				\$0
CCMP Support TBD		\$12,473				\$12,473
Blackstone Project Support TBD			\$70,000	\$0		\$70,000
Synthesis Manuscript			\$5,000			\$5,000
Other	\$188,171	\$0	\$165,148	\$0	\$57,351	\$410,670
Subawards	\$188,171		\$153,000	\$0	\$35,000	\$376,171
Clean Ocean Access	\$0					\$0
Codiga	\$21,840					\$21,840
August	\$0					\$0
King	\$0					\$0
East Providence	\$5,071					\$5,071
Mass Audubon	\$28,760					\$28,760
Pawtuxet River Authority	\$22,500					\$22,500
MA DER	\$30,000					\$30,000
City of Bristol	\$25,000					\$25,000
City of Richmond	\$30,000					\$30,000
Save the Bay	\$25,000					\$25,000
Land Conservancy of N.Kingstown			\$5,000			\$5,000
Town of Milbury			\$23,000			\$23,000
Aquidnick Island Planning Comm			\$100,000			\$100,000
Blackstone Capacity Grants TBD			\$25,000			\$25,000
Research Grants TBD					\$35,000	\$35,000
Other Administrative*	\$0	\$0	\$12,148	\$0	\$22,351	\$34,499
TOTAL DIRECT BALANCE	\$188,171	\$39,437	\$620,708	\$15,199	\$508,475	\$1,371,990
			TOTAL DIRECT BALANCE: **			\$1,371,990
*Includes Rental Space, Equipment Rental, Printing, Website Services, Conferences and Meetings, Conferences and Meeting Registration, Telephone, Advertising, and Computer Support from our EPA approved budget. Note that Subawards are pulled out from the Other category.						
**Does not include indirect costs applied by NEIWPCC to all direct costs except subawards ≥\$100K.						

Steering Committee Members & Officers

All 6 members with expiring terms reappointed—all accepted

All 7 nominees approved to receive an invite—all accepted

Invite letters to nominees going out this week

New SAC Co-Chairs approved—both accepted

Approval to use rotating EC Chairs until new chair—Sue K. today

Plan is for new members to debut at March SC meeting

Formal Internship Program

More ideas/tasks than NBEP and partners can complete

Designed to enable school credit or payment

Connect with all: public, private, and community colleges

Program document very well received so far

Seeking two interns this year, with plans for growth

Revenue Diversification

Present options: 1. EPA grants, 2. Partners (joint grant or fee-for-service), and 3. Workshop fees






Memo expected on outcome of December 18th
NEIWPC and EPA meeting

New EPA Funding Guidance expected this spring that
may open new avenues

Creation of Finance Plan delayed until FY21

NBEP will do its best to pursue 2 grants per work plan

| Narragansett Bay Estuary Program Vision 2032 Matrix [4 Goals, 13 Objectives, 38 Actions]—December 23, 2019 DRAFT

 Goal #1: Water	 Goal #2: Wildlife	 Goal #3: Quality of Life	 Goal #4: Human Capacity to Implement the CCMP	Notes
<p>(1) Objective #1: Reduce point source pollution to the Narragansett Bay Region.</p> <ol style="list-style-type: none"> Action #1: Upgrade 8 Taunton River wastewater treatment plants (WWTPs). Action #2: Complete Phase 3 Combined Sewer Overflow (CSO) project in Providence. Action #3: Identify and reduce separate sewer overflows (SSO) in the region. Action #4: Accelerate completion of activities consistent with local municipal separate storm sewer system (MS4s) permits. Action #5: Implement hazard mitigation and adaptation activities. <p>(2) Objective #2 Reduce nonpoint source pollution (NPS) from the landscapes of the Narragansett Bay Region.</p> <ol style="list-style-type: none"> Action #1: Install and maintain stormwater management (SWM) BMPs on new development. Action #2: Prioritize retrofit and maintenance of unregulated existing SWM practices. Action #3: Repair, replace, and/or maintain outdated septic systems. Action #4: Support smart growth that encourages development in accordance with local com, transportation, and hazard plans. <p>(3) Objective #3: Improve the availability of the right quantity of clean water at the right time at the right place.</p> <ol style="list-style-type: none"> Action #1: Install and maintain practices/infrastructure that reduce coastal/upland flooding. Action #2: Support water management that enables all beneficial uses. 	<p>(1) Objective #1: Permanently protect native ecosystems.</p> <ol style="list-style-type: none"> Action #1: Purchase or place an easement on prioritized lands that prevent habitat fragmentation and/or harbor drinking water source watersheds, wetlands, sensitive species, or cultural/heritage sites. <p>(2) Objective #2: Restore ecosystem health and resilience.</p> <ol style="list-style-type: none"> Action #1: Install practices that help propagate native saltwater fish and wildlife species in the estuarine ecosystem. Action #2: Install and maintain practices that help form more resilient coastal habitats (e.g., reefs, salt marsh, beaches). Action #3: Install and maintain practices that create healthy floodplains, wetlands, and riparian areas. Action #4: Install and maintain practices that improve stream connectivity and species passage. Action #5: Install and maintain practices in and around lakes that improve their ability to support wildlife and reduce/prevent algal blooms. Action #6: Install and maintain practices that create healthy native upland vegetative communities that support native terrestrial wildlife, pollinators, and are free of invasives. <p>(3) Objective #3: Management plans in place to support healthy/harvestable wildlife.</p> <ol style="list-style-type: none"> Action #1: Develop and execute species and ecosystem-specific management plans. 	<p>(1) Objective #1: Create conditions that empower local stewardship and fair access to the benefits of healthy and resilient natural resources.</p> <ol style="list-style-type: none"> Action #1: Generate job opportunities in the "green economy" for all (interns, volunteers, FTE). Action #2: Create and sustain fair and equitable public access to healthy natural resources. Action #3: Ensure chances for citizens to meaningfully participate and have a voice in decisions that impact the water, wildlife, and quality of life in their community. Action #4: Nurture conditions that support local "champions" in communities across the region. <p>(2) Objective #2: Improve human wellbeing in local places across the region.</p> <ol style="list-style-type: none"> Action #1: Intentionally develop and maintain multi-purpose greens spaces that nurture water quality, wildlife, public health, and safety. Action #2: Pursue outreach and education on the value of local natural resources and actions people can take to preserve them. Action #3: Improve water quality safety monitoring, timeliness of advisories, and utility of signage. <p>(3) Objective #3: Preserve local culture.</p> <ol style="list-style-type: none"> Action #1: Enhance and preserve locally important cultural, heritage, and related activities. 	<p>(1) Objective #1: Gather, organize and share information necessary to inform CCMP actions.</p> <ol style="list-style-type: none"> Action #1: Pursue scientific investigations to answer outstanding questions and inform actions (e.g., identified data gaps, other). Action #2: Support creation of new monitoring methods where needed to measure conditions. Action #3: Create systems to compile, synthesize, organize, and share information. Action #4: Develop models to inform actions and reactions in the Narragansett Bay Region. Action #5: Pursue more coordinated, comparable, and useful monitoring data to track progress against short and long-term metrics and indicators. <p>(2) Objective #2: Develop and sustain sound governance structure among those implementing the CCMP.</p> <ol style="list-style-type: none"> Action #1: Adequate staff expertise in place to carry out commitments in CCMP. Action #2: Evaluate and integrate existing plans into CCMP and pursue new cross-boundary planning as necessary. Action #3: Ensure laws, programs, and guidelines are in place for NBEP and partner organizations to meet obligations in CCMP. <p>(3) Objective #3: Acquire funding to sustain NBEP and its partners implementing the CCMP.</p> <ol style="list-style-type: none"> Action #1: Develop adequate funding to support NBEP and partner actions under CCMP. Action #2: Explore long-term financing options for executing the current and future CCMPs. <p>(4) Objective #4: Provide technical assistance to those executing CCMP actions.</p> <ol style="list-style-type: none"> Action #3: Fill gaps by providing targeted technical assistance to hyper-local entities (municipalities, land trusts, small groups). 	<p>Criteria for inclusion of CCMP Actions:</p> <ul style="list-style-type: none"> Mission 10-years Commitment <p>Goals, objectives, actions are grouped by primary impact of action. All goals overlap/interact via the system diagram below:</p>  <p>Where to capture cumulative impacts?</p> <p>Where to capture development of and response to metrics?</p> <p>How to best articulate and capture project maintenance?</p> <p>Drinking water-source water under Goal #1.3 or 2.1?</p> <p>Where should outreach go?</p> <p>Best use and placement of repeated terms like install, create, maintain, sustain, improve, enhance, etc.?</p> <p>For wildlife, identifying ESA species/habitats, biodiversity hotspots, and iconic species will be useful.</p> <p>CCMP Subcommittee will add detail and prioritization to likely create more specific actions (with metrics) under Goals #2 and #4.</p>
<p align="center">Outcomes</p> <ol style="list-style-type: none"> Water quality standards are met in region. Enough water in the right place at time. More water and wildlife friendly developed lands. Water at the right place at the right time. Better quality of life for all human residents. Greater connection to place. 	<p align="center">Outcomes</p> <ol style="list-style-type: none"> Improved ecosystem health and resilience. More secure and connected landscapes that support healthy watersheds and beneficial use. Better quality of life for all human residents. Greater connection to place. 	<p align="center">Outcomes</p> <ol style="list-style-type: none"> Enhanced public health. Access to opportunities in green economy. Greater knowledge to drive self-determination. Create and/or preserve sense of place. Better quality of life for all residents. 	<p align="center">Outcomes</p> <ol style="list-style-type: none"> Achievement of outcomes listed under Goals #1-#3. 	

Blackstone Needs Assessment

Core group of 8 people attended productive first meeting

Brainstormed on site, community, and basin-level needs and key additional participants for further meetings

Some top needs so far: 1. greater watershed coordination, 2. more funding for local groups, 3. prioritize certain project types (SW, septic, passage, trash, access), and 4. better coordination and expansion of monitoring

Process for providing modest capacity funding to NGOs that assist NBEP with the needs assessment ready to roll out

Next meeting in February with expanded group

Manuscripts

Technical Report manuscript declined by *Environmental Management* because piece was not international in scope

Now plan to submit to *Regional Studies in Marine Sciences*

Julia T.'s environmental justice/public access paper in EPA review; plan to submit to *Marine Policy* in the Spring

Metadata

Phase	GIS Layers Finalized	Metadata Drafted (Word)	Full Metadata Prepped (Excel)	Metadata Entered (ArcCatalog)	Data Tables Finalized	Data Table Metadata
Phase 1 (8)						
Openspace	DONE	DONE	DONE	DONE	DONE	DONE
Population	DONE	DONE	DONE	DONE	DONE	DONE
Shellfish	DONE	DONE	DONE	DONE	DONE	DONE
Geoscales	DONE	DONE	DONE	DONE	DONE	DONE
WQ – Aq. Life	DONE	DONE	DONE	DONE	DONE	DONE
WQ - Rec	DONE	DONE	DONE	DONE	DONE	DONE
Impervious	DONE	DONE	JB	JB	DONE	DONE
Land Use	DONE	YES!	JB	JB	JT	JT
Phase 2 (7)						
WWTF						
OWTS						
LEGACY CONTAM.						
SEAGRASS						
SALT MARSH						
BENTHIC						
BEACHES						
Phase 3 (6)						
SEA LEVEL RISE						
ESTUARINE FISH						
FRESHWATER FISH						
DO						
CHL						
STREAM INVERTS						

Upcoming Meetings

CCMP Subcommittee—February 20th
10am-3pm
Hopefully at Warwick Sewer Authority

Blackstone River Needs Assessment—Late Feb
TBD

Executive Committee—March 10th
10am-12pm
RIDEM, Room 200C1

Steering Committee—March 25th
10am-2pm
Narragansett Bay Commission, Training Room