

**Instructions:** Select one *no more than* two (2) implementation Actions (IAs) for each metric associated with your for your project. *Example 1* - Metric: Square foot of green infrastructure installed. IA: WW-4: Pursue opportunities to further improve nitrogen removal including low-cost retrofits at WWTFs throughout the watershed but particularly in the upstream states. *Example 2* - Metric: Miles of atream opened. IA: HW-3: Complete projects that restore or maintain habitat connectivity (i.e., river miles reconnected and/or contiguous acres of coastal habitat protected or restored).

Implementation Actions	Project Activity	Recommended Metric	Metrics Guidance
<p>WW-4: Pursue opportunities to further improve nitrogen removal including low-cost retrofits at WWTFs throughout the watershed but particularly in the upstream states.</p> <p>WW5: Encourage municipalities to do sustainable asset management through their sewage collection system.</p> <p>WW-9: Improve and enforce pesticide/herbicide/fertilizer regulations and other Best Management Practices for agriculture and urban turf.</p> <p>WW-12: Improve understanding, management, design, and implementation of denitrifying decentralized and residential, on-site wastewater treatment systems.</p>	Pollution reduction - Remove impervious surface.	Sq. ft. impervious surface removed.	Enter square foot of impervious surface removed or retrofitted. In NOTES section: If retrofit describe type of retrofit e.g., planting, porous pavers etc.
	Pollution reduction - Green Infrastructure.	Sq. ft. of green infrastructure	Enter the square footage of green infrastructure installed. In NOTES section: describe the type of green infrastructure.
	Pollution reduction - Nitrogen.	Lbs. Nitrogen avoided (annually).	Enter lbs. of nitrogen prevented from entering system annually. In NOTES section: describe calculator or calculation used to establish the prevention amount.
	Pollution reduction - Phosphorous.	Lbs. Phosphorous avoided (annually).	Enter lbs. of phosphorous prevented from entering system annually. In NOTES section: describe calculator or calculation used to establish the prevention amount.
	Pollution reduction - Sediment.	Lbs sediment avoided (annually).	Enter lbs. of sediment prevented from entering system annually. In NOTES section: describe calculator or calculation used to establish the prevention/reduction amount.
	Pollution reduction - riparian buffer restoration.	Miles restored.	Enter number of miles restored.
	Pollution reduction - stormwater runoff.	Volume stormwater prevented.	Enter volume (in gallons) of stormwater prevented from entering the water body annually. In NOTES section: describe the type of practice and the calculator or calculation used to establish the amount prevented.
	Pollution reduction - trees planted.	# trees planted.	Enter the number of trees planted. In NOTES section: Provide average diameter of tree planted.
WW-20: Support activities to achieve trash-free waters.	Pollution reduction - litter, floatables and marine debris removed.	# lbs of marine debris.	Enter the number of pounds of marine debris that has been removed from the environment and properly disposed of.
WW-35: Asses sources of pathogens and nutrients and work with communities to alleviate those sources.	Monitoring.	# Monitoring programs.	Enter the number of programs established or underway. In NOTES section: describe types of data to be collected.
<p>WW-14: Support collaborative and inclusive development of new and updated restoration plans for Connecticut and New York embayment watersheds with pollution load reduction targets.</p> <p>WW-25: Evaluate the challenges to implementation of bioextraction in Long Island Sound, including use conflicts, economic viability, permitting and testing requirements and potential environmental impacts, and make recommendations to overcome them.</p> <p>HW-22: Engage local communities in design, development, implementation, and promotion of habitat restoration, stewardship and monitoring projects.</p> <p>SC-15: Support efforts through technical and grant assistance to develop behavior change campaigns that result in measurable environmental improvements to the Sound's ecosystem.</p> <p>SC-24: Support community development, adoption, and implementation of new or updated municipal sustainability plans and coastal resiliency plans.</p>	Planning/Campaign/Strategy.	<p># plans developed.</p> <p># of organizations contributing to goals.</p> <p># of people reached.</p>	<p>Enter the number of plans developed that had input from multiple stakeholders. In NOTES section: describe the type of plan or campaign.</p> <p>Enter the number of organizations contributing to the initiative's conservation goals.</p> <p>Enter the number of people reached by outreach, training, or technical assistance activities.</p>

Implementation Actions	Project Activity	Recommended Metric	Metrics Guidance
<p>SM-4: Develop metadata for major monitoring programs relevant to LISS Ecosystem targets for use in an Integrated Management Plan including community science.</p> <p>SM-8: Coordinate and leverage community water quality monitoring programs, enhancing the utility and application of data.</p>	<p>Planning/Research/Monitoring</p>	<p># tools used by decision-makers</p>	<p>Enter the number of tools developed that are used by decision-makers.</p>
<p>HW-1: Complete projects that result in restoration of coastal habitat.</p> <p>HW -14: Develop and implement invasive/non-native species management plans for priority terrestrial and aquatic sites.</p> <p>HW-16: Collect and analyze data on, and restore habitat for, Species of Greatest Conservation Need, including forage species.</p> <p>HW -25: Continue Long Island Sound eelgrass abundance surveys and promote eelgrass management.</p>	<p>Land, wetland restoration.</p>	<p>Acres restored.</p>	<p>Enter the number of acres to be restored. In NOTES section: list and break-down each specific type of habitat to be restored from the list of Long Island Sound Study Important Coastal Habitats.</p>
<p>HW-3: Complete projects that restore or maintain habitat connectivity (i.e., river miles reconnected and/or contiguous acres of coastal habitat protected or restored).</p>	<p>Barrier removal to restore aquatic connectivity.</p>	<p># River or stream opened.</p>	<p>Enter # of miles restored. In NOTES section: enter miles of riverine migratory corridor to be opened (streams, creeks, rivers) and fish species benefitted.</p>
<p>HW-10: Promote management practices that limit human disturbance and protect functional availability of coastal and marine habitats for Species of Greatest Conservation Need, including forage species and other wildlife.</p>	<p>Species Conservation.</p>	<p>BMPs to mitigate recreational disturbance.</p>	<p>Enter the number of acres with BMPs. In NOTES section list the species benefitted.</p>
<p>HW-11: In lieu of hard armoring, develop and promote the use of living shoreline habitat protection methods (dunes, shorelines, coastal marshes) and standardized living shoreline monitoring protocols while considering the habitat needs of Species of Greatest Conservation Need, including forage species, and reducing wildlife conflicts.</p>	<p>Habitat restoration.</p>	<p>Acres of living shoreline restored.</p>	<p>Enter the acres of living shoreline to be restored. In NOTES section: describe the method used e.g., oyster reefs/castles, reef balls, salt marsh restoration etc.</p>



Project location at Lynde Point, Connecticut

Implementation Actions	Project Activity	Recommended Metric	Metrics Guidance
<p>SC-1: Support festivals, celebrations, events, campaigns and materials that reach priority audiences through multiple communication channels to promote education and encourage appreciation, responsible use, and stewardship of the Sound's natural, cultural, historical and maritime resources.</p> <p>SC-5: Support or develop tools (e.g., training modules, websites, regulations, best practices, etc.) and conduct region-wide and town-specific workshops to assist municipalities in incorporating environmental justice in projects that implement CCMP actions.</p> <p>SC-7: Produce informational materials to engage multiple audiences in stewardship and increase the public's understanding of the ecological, cultural, and recreational value of Long Island Sound.</p> <p>SC-14: Promote landscaping guidance, practices and policies to property owners and communities that encourage alternatives to chemical and nutrient-intensive landscaping, including establishment of natural vegetated buffers near waterbodies.</p> <p>SC-15: Develop a Sound-wide marketing campaign to increase the public's safe and sustainable use of the Sound.</p> <p>SM-17: Establish and implement practices to effectively engage underrepresented stakeholders and communities in CCMP implementation and LISS Management Conference decision-making.</p> <p>SC-19: Support programs and opportunities that promote in-the-field and hands-on learning through classroom and informal activities.</p>	Educate the public or stakeholders.	# of people with knowledge.	Enter the number of people demonstrating a minimum level of knowledge, attitudes, or skills. In NOTES section: describe the type of participant e.g., general public, farmer, students, teachers, environmental justice community and how you will gauge knowledge e.g., pledges, surveys etc.
SC-11: Support local volunteer organizations that are working toward the ecological restoration of the Sound and its tributaries.	Engage volunteers.	# volunteers participating	Enter the number of volunteers participating in projects.
<p>SC-2: Support efforts and projects that promote environmentally sustainable recreational activities and protection of the Sound's environmental and wildlife resources.</p> <p>SC-31: Support planning and implementation to increase the number of points and the length of the Sound's shoreline and rivers that provide equitable public access while also protecting and balancing the health and resilience of sensitive wildlife habitats and breeding areas.</p> <p>SC-32: Encourage the sustainable use of natural coastal areas, including Long Island Sound Stewardship Areas, through support of sustainable blueways, bikeways, and greenways.</p>	Public Access.	Access pts. developed/ improved.	Enter the number of public access points developed/improved. In NOTES section: Describe the type of public access developed or how improved e.g., new signage or other guidance materials, blueway, greenway etc.