

# FACT SHEET

## HUDSON RIVER

### RESTORATION PLANNING



HUDSON RIVER TRUSTEES

ASSESSING AND RESTORING YOUR NATURAL RESOURCES

#### Publication of List of Restoration Project Proposals Submitted by Public September 2013

Restoration is the goal of the Hudson River Natural Resource Damage Assessment. Restoration is an active component of damage assessment that can be seen and felt for generations.

The Hudson River Trustees received a request for a list of restoration projects that have been submitted by the public. The list (Table 1) released by the Trustees contains all of the projects received to date that have been submitted through the restoration project proposal form. For this list, please read Table 1: Hudson River Restoration Project Proposals from the Public; Table 1 is organized by county and individual projects have not been ranked or prioritized. Note that individual members of the public who submitted proposals are not named due to privacy concerns. The superscript letter (Member of the Public<sup>a</sup>) can be used to track multiple projects received from the same individual.

Public meetings have given valuable input to the Trustees and have led to informal suggestions for restoration projects. Projects suggested at a public meeting are included in a separate list because an official restoration project proposal does not exist for such projects. For this list, please read Table 2: Hudson River Informal Restoration Project Proposals.

Projects on these lists will be considered for inclusion in the restoration plans the Trustees will develop. The Trustees are still actively accepting new restoration project proposal forms and encourage members of the public to submit new or updated restoration project proposals using the form available at [www.darrp.noaa.gov/northeast/hudson/restore.html](http://www.darrp.noaa.gov/northeast/hudson/restore.html)

#### Criteria for Restoration Project Assessment

During the damage assessment, Trustees will review the list of potential restoration projects, assessing the projects using criteria including, but not limited to:

- **Relevance-** Is there a sufficient connection between the proposed restoration effort and natural resource injuries and losses to the public?
- **Legality-** Does the restoration project comply with applicable/relevant federal, state, and local laws and regulations?
- **Efficacy-** How likely is it that the restoration project will be successful?
- **Cost Reasonableness-** What is the cost of the proposed restoration effort? Can the benefits be quantified? Is there an opportunity to share costs with other organizations and/or agencies?
- **Ecological Leverage-** Will the restoration project promote other environmental benefits?
- **Existing Plans-** Does the restoration project address or build upon existing federal, state, or local management plans?





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### Timing of Project Selection

The Trustees have not established a schedule for selecting restoration projects because of uncertainties surrounding the time needed to complete the injury analysis, evaluate restoration options and projects against the injuries, and resolve the damage claim. Our goal remains to begin restoration as soon as possible after the damage claim is resolved. Restoration projects will compensate the public for the loss of the Hudson River's natural resources and services from PCB contamination and remediation.

The Trustees will propose a list of potential restoration projects that will offset the public's loss, and those projects will be incorporated into a Draft Restoration Plan. The Trustees anticipate sharing this plan with you, the public, in meetings or other presentations, and soliciting your views on this information.

We are extremely grateful for the value that an informed and involved public brings to the process and to our decision-making.

### More Information

[www.fws.gov/contaminants/restorationplans/HudsonRiver/index/html](http://www.fws.gov/contaminants/restorationplans/HudsonRiver/index/html)

[www.dec.ny.gov/lands/25609.html](http://www.dec.ny.gov/lands/25609.html)

[www.darrp.noaa.gov/northeast/udson](http://www.darrp.noaa.gov/northeast/udson)

To add yourself to the Hudson NRDA listserv:

1. Send a message to: [requests@willamette.nos.noaa.gov](mailto:requests@willamette.nos.noaa.gov)
2. Write in subject: Subscribe hudsonnrda

If you have questions about natural resource damages, contact:

Tom Brosnan (NOAA), 301-713-3038 x186; [Tom.Brosnan@noaa.gov](mailto:Tom.Brosnan@noaa.gov)

Kathryn Jahn (USFWS), 607-753-9334; [Kathryn\\_Jahn@fws.gov](mailto:Kathryn_Jahn@fws.gov)

Sean Madden (NYSDEC), 518-402-8977; [ssmadden@gw.dec.state.ny.us](mailto:ssmadden@gw.dec.state.ny.us)

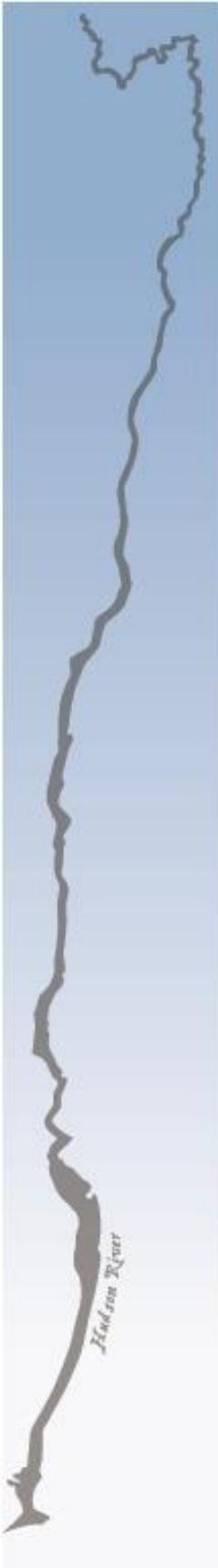


Table 1: Hudson River Restoration Project Proposals from the Public

County	Town or Municipality	Project #	Project Description	Submitted By
Albany	Menands	A1	Make changes to the Route 387 Bridge, and Interstate 787 expressway and its ramps, to improve Hudson River access for pedestrians, cyclists, and people with disabilities.	Village of Menands
Albany	Menands	A2	Remove culverts to improve water flow between Little River and the estuary.	Village of Menands
Albany	Troy	A3	Restore Hudson River shoreline for swimming, boating, and fishing in Troy, NY.	City of Troy
Albany	Troy	A4	Clean up tributaries (Poestenkill, Wynatskill) and allow public access for fishing of migratory species like shad and herring.	City of Troy
Columbia	Hudson	C1	Create an environmental education center in Hudson, NY.	Columbia County EMC
Columbia	Stockport	C2	Dredge to deepen boat launch at the end of Station Road to allow access for fire protection.	Stockport Fire Co.
Dutchess	Fishkill	D1	Remove debris along Metro-North rails and develop greenway trail to improve access to Hudson River.	Town of Fishkill
Dutchess	Hyde Park	D2	Identify and remove flow and fishery impediments in Hudson River tributary Crum Elbow Creek, to improve habitat for fish and increase recreational fishing.	New York Rivers United
Dutchess	Location not specified.	D3	Remove water chestnut, an invasive species, from nontidal habitats.	Dutchess County Lakes Committee
Dutchess	Poughkeepsie	D4	Provide space (one square yard) for applicant to place non-denominational shrine to honor the Hudson River.	Member of the Public <sup>j</sup>
Dutchess	Rhinebeck	D5	Restore and remediate the Landsman Kill to improve the Hudson River watershed.	Member of the Public <sup>f</sup>
Dutchess	Location not specified.	D6	Support local stream watershed groups with funding for coordinator positions as well as educational materials, supplies, and monitoring equipment.	Dutchess County Environmental Management Council
Dutchess	Poughkeepsie	D7	Remove invasive water chestnut and sediment from Vanderburgh Cove to restore to historical conditions.	Vanderburgh Cove Neighborhood Association
Greene	Athens	G1	Restore natural stream channel pattern to improve water flow to wetland in Athens, NY.	Greene County Soil and Water Conservation District

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County	Town or Municipality	Project #	Project Description	Submitted By
Greene	Athens	G2	Stabilize banks and develop riparian buffers to decrease sedimentation in Catskill Creek and Kaaterskill Creek.	Greene County Soil and Water Conservation District
Greene	Athens	G3	Implement erosion control measures to slow migration of sediments from Sleepy Hollow Lake into Murderers Creek and the Hudson River.	Greene County Soil and Water Conservation District
Greene	Coxsackie	G4	Stabilize bank, improve boat access, and place informational kiosk on Coxsackie Island Preserve.	Greene County Soil and Water Conservation District
Greene	Coxsackie	G5	Improve access for canoes and kayaks in Coxsackie Creek.	Greene County Soil and Water Conservation District
Greene	New Baltimore	G6	Develop nature trails and environmental kiosks on Hudson River bank near New Baltimore, NY.	Greene County Soil and Water Conservation District
Greene	Athens/ Coxsackie	G7	Fix dyke to raise water level, improve habitat, and restore hydraulic function in Vosburgh Swamp.	Greene County Soil and Water Conservation District
Greene	Catskill	G8	Provide environmental education through interpretative signage at Cohotate Preserve.	Greene County Soil and Water Conservation District
Manhattan	New York City	M1	Improve waterfront access and increase water-based recreational opportunities in the northern portion of Riverside Park between 145th and 155th Streets. This will make the park more inviting and safe, and strengthen linkages within the residential and commercial communities near the park.	West Harlem Art Fund
Manhattan	New York City	M2	Implement Master Plan for West Harlem Waterfront Park and Piers in Manhattanville. Improve city-owned land on waterfront (125th to 135th Street between Broadway and the Hudson River), leading to environmental improvements and economic development of neighborhood.	West Harlem Art Fund
Orange	Beacon	O1	Restore 5 acres of degraded tidal wetlands on waterfront property owned by Scenic Hudson, to improve habitat and protect water quality. Surrounding area will be used for a public park and private development.	Scenic Hudson
Putnam	Cold Spring	P1	Purchase kayak to improve trash removal efforts on Hudson River.	Sons of the American Revolution, West/Putnam Chapter

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County	Town or Municipality	Project #	Project Description	Submitted By
Rensselaer	Rensselaer	R1	Develop wildlife viewing areas for falcon nesting at the Riverfront Park.	Member of the Public <sup>a</sup>
Rensselaer	Troy	R2	Identify and remove flow and fishery impediments in Hudson River tributary Wynants Kill, to improve habitat for fish and increase recreational fishing.	New York Rivers United
Rensselaer	Rensselaer	R3	Add ten acres to Papscaenee Island Nature Preserve, providing access to Hudson River for people with disabilities.	Rensselaer County Environmental Management Council
Rensselaer	Troy	R4	Identify and remove flow and fishery impediments in Hudson River tributary Poesten Kill, to improve habitat for fish and increase recreational fishing.	New York Rivers United
Rockland	Haverstraw	R5	Restore 600 linear feet of steel bulkhead, restore two inlets for public access, and create a doublewide boat launch to allow public access and enjoyment of river.	Rockland County Environmental Resources
Rockland	Nyack	R6	Establish a demonstration oyster bed restoration project, including local schools and community groups. Work toward the goal of eventually restoring this important fishery at Nyack Beach State Park and Memorial Park.	J.C. Brotherhood
Saratoga	Fort Edward	S1	Create parks for public access to capped sites at Fort Edward.	Environmental Advocates
Saratoga	Fort Edward	S2	Assess and dredge the Fort Edward Basin to reduce PCB exposure.	Member of the Public <sup>h</sup>
Saratoga	Location not specified.	S3	Implement projects listed in the town waterfront management plans.	Saratoga County Environmental Management Council
Saratoga	Mechanicville	S4	Construct gazebo near Champlain Canal wall to give community a platform for events and increase tourism.	Mechanicville Department of Public Works
Saratoga	Moreau	S5	Clean up PCB dredge spoil and develop into a park or flood plain area.	Member of the Public <sup>g</sup>
Saratoga	Saratoga	S6	Restore navigation to the historic Champlain Canal.	Town of Saratoga

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County	Town or Municipality	Project #	Project Description	Submitted By
Saratoga	Saratoga/ Northumberland/ Greenwich	S7	Construct Bi-County educational park focusing on ecological, geologic, and historic values of the Hudson River.	Saratoga County Chamber of Commerce
Saratoga	Schuylerville	S8	Restore contaminated river bottom and shoreline at the Schuylerville municipal beach.	Member of the Public <sup>i</sup>
Saratoga	Schuylerville	S9	Restore old Champlain Canal, harbor, and junction lock for use by recreational boaters and historical interpretation.	Member of the Public <sup>i</sup>
Saratoga	Schuylerville	S10	Construct environmental, recreational, and historical educational park to provide indoor and outdoor educational and research opportunities. Create an area where the public can go under the water level of Hudson River to observe natural processes.	Hudson Crossing Park Steering Committee
Saratoga	Schuylerville	S11	Restore contaminated river bottom and shoreline for the Schuylerville municipal beach.	Schuylerville Area Chamber
Saratoga	Schuylerville	S12	Remove contaminated sediments to re-open the Schuylerville Harbor and the canal between the harbor and the Hudson/Champlain Canal.	Village of Schuylerville
Saratoga	Schuylerville	S13	Extend the existing boardwalk on Schuylerville Municipal Beach 700 feet to reach the boat launch. Build a gazebo for public enjoyment and increase lighting for safety.	Village of Schuylerville
Saratoga	Schuylerville	S14	Restore contaminated river bottom and shoreline at the Schuylerville municipal beach.	Village of Schuylerville
Saratoga	Stillwater	S15	Rebuild seawall, boat launch and parking area.	Member of the Public <sup>c</sup>
Ulster	Esopus	U1	Identify and remove flow and fishery impediments in Hudson River tributary Black Creek, to improve habitat for fish and increase recreational fishing.	New York Rivers United
Ulster	Location not specified.	U2	Identify and remove flow and fishery impediments in Hudson River tributary Roundout Creek, to improve habitat for fish and increase recreational fishing.	New York Rivers United
Ulster and Orange	Location not specified.	U3	Identify and remove flow and fishery impediments in Hudson River tributary Quassaic Creek, to improve habitat for fish and increase recreational fishing.	New York Rivers United

Table 1: Hudson River Restoration Project Proposals from the Public

County	Town or Municipality	Project #	Project Description	Submitted By
Washington	Fort Edward	W1	Provide residents of Fort Edward with free municipal waste disposal at the Bi-County Incinerator in Hudson Falls. Recover the costs associated with the premature closing of solid waste landfills in Fort Edward.	Hudson River CARE
Washington	Fort Edward	W2	Provide residents and small businesses of Fort Edward with free municipal water. Reimburse town for costs of reestablishing the water district.	Hudson River CARE
Washington	Fort Edward	W3	Create an interpretive nature area and river front access park with restrooms, outdoor lighting, public boat launch, fishing pier, benches, signage, and parking lots. Improve public access roads and create hard surface parking area with lighting. Provide funds for the operation and upkeep of the park.	Hudson River CARE
Washington	Fort Edward	W4	Construct water treatment plant and air stripper to remove TCE from drinking water and provide safe water to the community.	Village of Fort Edward Board of Trustees
Washington	Fort Edward	W5	Replace existing municipal water lines, including a 20-inch water main (encased in cement at the bottom of the Hudson River) that is currently inaccessible for maintenance of repair, and a 6-inch feeder line to Rogers Island that is subject to frequent damage from boat traffic.	Village of Fort Edward Board of Trustees
Washington	Fort Edward	W6	Create a water/recreation park on the Northern edge of Rogers Island to provide enhanced public access to the Hudson River.	Village of Fort Edward Board of Trustees
Washington	Fort Edward	W7	Improve Fort Edward Yacht basin as a public arts and recreation park. Construct an amphitheater, provide picnic tables and benches, improve lighting, and provide sanitary services such as restrooms, showers, and a pump out station.	Village of Fort Edward Board of Trustees
Washington	Fort Edward	W8	Recover the expenses incurred for the design and construction of a \$5.2 million water treatment plant and the interest on the bond.	Hudson River CARE

Table 1: Hudson River Restoration Project Proposals from the Public

County	Town or Municipality	Project #	Project Description	Submitted By
Washington	Fort Edward	W9	Improve navigational dredging near the Route 197 Bridge to allow larger vessels to access the Fort Edward Yacht Basin.	Hudson River CARE
Washington	Fort Edward	W10	Improve the Fort Edward Yacht Basin for water-based recreation, including new docking stations and new pedestrian bridge to Rogers Island.	Hudson River CARE
Washington	Fort Edward	W11	Enhance Bradley Beach and Park on the North end of Rogers Island, including fishing pier, boat launch, and hard surfaced parking lot.	Hudson River CARE
Washington	Fort Edward	W12	Upgrade and maintain water lines in Fort Edward, including an enlarged water line and new pumping station and sewer line to Rogers Island, and replacement of 20-inch water line on the river bottom.	Hudson River CARE
Washington	Fort Edward	W13	Replace the existing PCB/TCE contaminated sewer lines from Defiance Asphalt, reducing public exposure to harm. Expand Fort Edward nature to join region's Feeder Canal trail system.	Hudson River CARE
Washington	Fort Edward	W14	Create a water containment system for McIntyre Park by diverting polluted spring away from the center of the park, making this a safer family recreation area. Install improved lighting, bleachers, and a hard-surfaced parking area.	Hudson River CARE
Washington	Fort Edward	W15	Create a recreation area on Bond Creek, including small docks for kayaks and canoes, nature/walking trails, and benches.	Hudson River CARE
Washington	Fort Edward	W16	Create a recreation area on Moses Creek, including small docks for kayaks and canoes, small fishing piers, nature/walking trails, and benches.	Hudson River CARE
Washington	Fort Edward	W17	Create a new water district to provide municipal drinking water to residents and farms along the Hudson River, from Blackhouse Road to Fort Miller.	Hudson River CARE

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County	Town or Municipality	Project #	Project Description	Submitted By
Washington	Fort Edward	W18	Repair sections of the stormwater runoff lines and construct a treatment facility to decontaminate runoff water of PCBs and TCE before the water reaches the Hudson River at the Yacht Basin.	Hudson River CARE
Washington	Hudson Falls	W19	Utilize the current General Electric office building to create a regional industrial museum.	Village of Hudson Falls
Washington	Hudson Falls	W20	Construct a park at Baker's Falls, including a viewing dock, boat launch, historical signage, and a parking area.	Village of Hudson Falls
Washington	Hudson Falls	W21	Restore and enhance Wall Street Village Pond to allow for year-round recreation. Replace vegetation, improve native habitat, and develop nature trail.	Village of Hudson Falls
Washington	Hudson Falls	W22	Supply potable municipal water (from the town of Queensbury, NY) to residents of Hudson Falls who have been denied use of local aquifer because of PCBs.	Village of Hudson Falls
Washington	Schuylerville	W23	Reimburse the Village of Schuylerville \$29,460.05 for costs incurred by removing and disposing of PCB-contaminated dredge spoil removed from boat launch site.	Village of Schuylerville
Westchester	Location not specified.	W24	Identify and remove flow and fishery impediments in Hudson River tributary Pocantico River, to improve habitat for fish and increase recreational fishing.	New York Rivers United
Location not specified.	Location not specified.	L1	Create vegetated buffers to minimize public's access to polluted areas.	Member of the Public <sup>b</sup>
Location not specified.	Location not specified.	L2	Enhance pollutant uptake through planting vegetation near effluent outlets on the Hudson River.	Member of the Public <sup>b</sup>
Location not specified.	Location not specified.	L3	Decrease bank erosion through planting vegetation in sensitive areas.	Member of the Public <sup>b</sup>
Location not specified.	Location not specified.	L4	Increase and improve habitat for fish through planting vegetation.	Member of the Public <sup>b</sup>
Location not specified.	Location not specified.	L5	Implement estuary plan.	NY DEC Hudson River Estuary Coordinator
Location not specified.	Location not specified.	L6	Restore Striped Bass fishery and spawning population.	Member of the Public <sup>d</sup>

Table 1: Hudson River Restoration Project Proposals from the Public

County	Town or Municipality	Project #	Project Description	Submitted By
Location not specified.	Location not specified.	L7	Dredge PCBs from river and treat to render harmless, to benefit benthic habitats.	Member of the Public <sup>e</sup>
Location not specified.	Location not specified.	L8	Restore wetland hydraulics to benefit habitats in tidal and nontidal wetlands.	Member of the Public <sup>e</sup>
Location not specified.	Location not specified.	L9	Remove obstructions and barriers to benefit fish migration.	Member of the Public <sup>e</sup>
Location not specified.	Location not specified.	L10	Purchase land for buffers and greenways.	Member of the Public <sup>e</sup>
Location not specified.	Location not specified.	L11	Create new access points and improve the public's access to the Hudson River.	Member of the Public <sup>e</sup>
Location not specified.	Location not specified.	L12	Purchase or otherwise acquire farmland for conservation.	Hudson River Coalition of Conservation Districts
Location not specified.	Location not specified.	L13	Partner with existing agricultural buffer program to implement urban/suburban stream buffers to protect the Hudson River.	Hudson River Coalition of Conservation Districts
Location not specified.	Location not specified.	L14	Implement a program to reduce and monitor invasive species.	Columbia County EMC
Location not specified.	Location not specified.	L15	Create more public access points for the Hudson River.	Columbia County EMC
Location not specified.	Location not specified.	L16	Work with outdoor sports associations that have ongoing restoration projects, to request conservation and education projects as well.	Columbia County EMC
Location not specified.	Location not specified.	L17	Create river access points for each community and town along the Hudson River.	Sierra Club NE Office
Location not specified.	Location not specified.	L18	Create an interpretive education center focused on conservation.	Sierra Club NE Office
Location not specified.	Location not specified.	L19	Build public recreation facilities to provide alternatives to shoreline recreation in waterfront neighborhoods.	Arbor Hill Environmental Justice Corp

Table 1: Hudson River Restoration Project Proposals from the Public

County	Town or Municipality	Project #	Project Description	Submitted By
Location not specified.	Location not specified.	L20	Create and maintain culturally sensitive educational signs at known access points along the Hudson River to provide information about fish advisories to people of color. Fund water monitoring program that engages local residents, and includes scientific experts and environmental health communications experts to translate complex information for local residents.	W.Haywood Burns Environmental Education Center
Location not specified.	Location not specified.	L21	Develop, test, and implement ecologically sound methods for restoring and managing common reed (Phragmites) stands in marshes both on and off the Hudson.	Hudsonia, Ltd.
Location not specified.	Location not specified.	L22	Construct detention basins.	Clearwater
Location not specified.	Location not specified.	L23	Limit the use of herbicides by railroad environmental engineers.	Clearwater
Location not specified.	Location not specified.	L24	Monitor the location and population of rare or endangered species communities.	Clearwater

Table 2: Hudson River Informal\* Restoration Project Proposals.

Project Description	Submitted By
Address the loss of fish consumption by establishing community vegetable gardens in low income/minority neighborhoods.	Arbor Hill Environmental Justice Corp
Implement erosion control measures (such as rip-rap) to slow the migration of sediments.	Clearwater
Monitor sewage loading in the Hudson River.	Clearwater
Implement measures to control nonpoint source pollution.	Clearwater
Plant native species or otherwise establish natural vegetation within the Hudson River.	Clearwater
Repair damaged seawalls.	Clearwater
Restore both upland and tidal marshes.	Clearwater
Add baffles (barriers to flow) to create pools at low flows, which improve habitat.	Clearwater
Provide habitat elements suitable for raptors.	Clearwater
Establish program to reduce and monitor agricultural runoff.	Clearwater
Create artificial nesting structures.	Clearwater
Restore habitat for waterfowl.	Clearwater
Establish buffers in urban and suburban streams.	Clearwater
Clean up abandoned brownfields.	Clearwater
Implement a program to reduce and monitor farm runoff.	Columbia County EMC
Establish greenways to benefit riparian habitats.	Environmental Advocates
Convert waterfront brownfields in to parks.	Environmental Advocates
Secure conservation easements on farms and working forests.	Environmental Advocates
Develop and implement projects to address invasive zebra mussels and water chestnuts.	Environmental Advocates
Provide technical assistance to planning boards to evaluate the impacts of local land use projects on habitat and water quality.	Hudson River Coalition of Conservation Districts
Provide environmental education and stewardship programs for children.	Hudson River Coalition of Conservation Districts
Improve access to the Hudson River.	Scenic Hudson
Clean up abandoned brownfields to improve water quality and recreational access.	Scenic Hudson
Restore herring runs to rivers.	Scenic Hudson
Create a Hudson Riverkeeper organization for the Upper Hudson River.	Sierra Club NE Office
Implement projects to address invasive Purple loosestrife and other species.	The Nature Conservancy
Preserve habitats with significant biodiversity and/or rare and endangered species (such as Estuary Beggar-ticks and Heartleaf Plantain).	The Nature Conservancy
Preserve freshwater intertidal habitats.	The Nature Conservancy

\*Informal restoration project proposals were suggested at public meetings or were suggested without a formal restoration proposal form.