

Appendix A - Crab Meadow Watershed Goals Chart

COMMUNITY INVOLVEMENT AND EDUCATION				
	Goals	Strategies	Type	Timeframe
CE1	Establish CMW as Regional Coastal Research Area	Encourage research initiatives to build understanding and appreciation of significant values and ecological services of CMW; Share findings in periodic local forums to engage residents and stakeholders	Legislative & Partnership	Short-term
CE2	Raise overall public awareness and stewardship	Expand use of Cranberry Hill Environmental Center for special resident programs; Work with Cornell Cooperative Extension and engage participation of local schools and civic organizations on all CMW action plan topic areas; Build pride through CMW branding	Partnership	Short-term
CE3	Improve educational resources and outreach	Promote website resources; Encourage local organizations to provide link to CMW website; Support literature development; Use information kiosk at CMB and install one at Geisslers Beach; expand natural history and interpretive programming at Cranberry hill Environmental Center and throughout CMW; Develop local educational units similar to CMW Wildlife Manual to encourage school use; Avail maps for ready access; Develop volunteer Leaders Program to lead groups and provide in-service training for teachers	Partnership	Short-term
CE4	Expand citizen science network	Enlist community volunteers, students and park stewards to participate in studies, take readings, check board levels on weirs, monitor habitat conditions	Partnership	Ongoing
CE5	Promote individual stewardship (dog waste collection, septic system management, yard care, native plant landscaping, tree preservation, mosquito controls, green infrastructure)	Utilize all existing avenues (e.g., Town website, press releases, special events, brochures) and sponsor special programs to educate community residents on local regulations, best practices, and ramifications of their individual actions on the health of the CMW	Partnership	Ongoing
HABITAT, PLANTS AND WILDLIFE				
HPW1	Monitor protected areas to detect changes (e.g., species distribution, sea level rise)	Define keystone species; Utilize existing instrumentation (piezometers, data loggers); Expand monitoring equipment (gauges, cameras); Employ noninvasive remote sensing techniques; Work with other governmental agencies and nonprofit environmental organizations	Partnership	Ongoing
HPW2	Manage, control or eliminate invasive plant species and nuisance wildlife	Work with NYSDEC, Suffolk County Soil Conservation Service, TOH Invasive Plants Subcommittee, community residents; Continue Geese Peace Program	Partnership	Ongoing
HPW3	Protect key nesting areas from recreational uses (e.g., plovers, snapping turtles)	Work with USFWS, Huntington-Oyster Bay Audubon Society, park stewards; Inform residents and site users	Partnership	Ongoing
HPW4	Restore and improve historic fish (Alewife) and eel (American) passages	Work with NYSDEC, expand partnership with Trout Unlimited; Secure and/or support grant funding	Capital	Moderate-term
HPW5	Maintain dynamic biodiversity inventory	Work with USFWS, Huntington-Oyster Bay Audubon Society, LI Botanical Society, park stewards, residents	Partnership	Ongoing
HPW6	Calm traffic in proximity of park access points and at known wildlife crossings	Work with Transportation and Traffic Safety Dept. to add warning signage and determine if other measures are warranted	Capital	Moderate-term
WATER RESOURCES AND WATER QUALITY				
WRQ1	Define baseline conditions in surface waters and groundwater and strive to improve water quality	Work with NYSDEC, SCDHS, Cornell Cooperative Extension; all CMW stakeholders	Capital & Partnership	Short-term
WRQ2	Implement best management practices/green infrastructure to stem flooding, maximize infiltration, mitigate impacts to natural resources	Secure and support grants for design and implementation of key projects to mitigate adverse conditions and enhance systems; Work with all involved Town departments; Encourage exemplary golf course management (public and private)	Capital	Moderate-term

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WRQ3	Measure, maintain and/or restore flows through CMW primary area	Institute additional monitoring instrumentation, Work with schools and cooperating agencies to assure periodic data collection and tracking	Capital & Partnership	Short-term
WRQ4	Support and/or conduct pilot projects to confirm their potential for success (e.g., shellfish seeding in tidal creeks)	Work with Cornell Cooperative Extension and other cooperating agencies to develop projects that with potential to aid or remediate existing resources or conditions	Partnership	Ongoing
WRQ5	Expand resource mapping (stormwater infrastructure)	Work with involved Town departments, possibly summer interns and community volunteers to GPS and document infrastructure, particularly relating to stormwater and interconnections	Capital & Partnership	Short-term
WRQ6	Continue seasonal beach clean-up days to marsh and upland parks to remove floatables and litter	Work with scouts, students, civic organizations, community residents	Partnership	Ongoing
ACCESS AND RECREATION				
AR1	Continue watershed land conservation initiatives	Protect additions and buffer to CMW Protected Lands Inventory with particular emphasis on the larger assemblages; Encourage other governmental and private conservation efforts; Utilize existing conservation tools; Work closely with key stakeholders to plan future uses	Capital	Ongoing
AR2	Provide sufficient parking and safe access to trails and all park resources	Complete planned projects (Ingraham, Davis); Evaluate sites; Avail Kirschbaum Park for nature study	Capital	Short-term
AR3	Secure public recreational access agreement for portions of LIPA right-of-way that are not already in Town ownership	Work with LIPA to create a partnership similar to Port Jefferson-Wading River trail agreement	Partnership	Short-term
AR4	Encourage major stakeholders/owners of critical holdings to participate in watershed protection actions	Open and sustain dialogue with stakeholders	Partnership	Ongoing
AR5	Stem vandalism and nuisance uses	Work with involved Town departments and Suffolk County Parks Dept. to control reported issues (loitering, fires, parties, afterhours parking, motorized vehicles in marsh (jet skis, motor boats) and parks (ATVs, quads, BMX bikes)	Enforcement	Ongoing
AR6	Promote passive recreation use to maintain natural area integrity	Encourage new program opportunities with low impact on the environment to build appreciation and understanding of the natural and dynamic systems in the CMW		
INFRASTRUCTURE AND HISTORIC RESOURCES				
IHR1	Enhance resiliency of existing infrastructure	Recognize need to respond to sea level rise and high strength longer duration storm events; Promote natural systems as part of integral CMW infrastructure; Plan pro-active measures that correlate to date and measured changes (i.e., completed Geisslers Beach parking area retreat and native coastal beachface plantings)		Ongoing
IHR2	Restore and expand opportunities for shoreline access	Avail underutilized locations, such as Kirschbaum Park for nature watching fishing access		Moderate-term
IHR3	Implement sustainable upgrade to Cranberry Hill Environmental Center to enable year-round use	Seek support of local and regional utilities to establish a teachable building environment for green energy, stormwater management, and native landscaping; Work with all involved Town departments, Cornell Cooperative Extension, and other governmental agencies; Solicit grant funding for implementation	Capital	Moderate-term
IHR4	Develop exhibits and signage to interpret cultural and natural history of CMW	Expand information stations/kiosks/bulletin boards; Create viewing platforms; Work with Eagle scout candidates, partner organizations and community residents	Capital	Moderate-term
IHR5	Eliminate encroachments	Impress upon CMW community the inherent values of the public lands inventory; Defend public land boundaries; Work with park stewards, community residents	Capital & Partnership	Ongoing