



RESOURCE MANAGEMENT

Implementation Table

SOUTHWEST DISTRICT

Charlotte Harbor Region
Terra Ceia Preserve State Park

Region	Park	Management Zone / Location	Program Area/Topic	Sub-Program Area / Sub-Topic	Objective	Action	Subject	Implementation Timeframe (Short-Term/Mid-Term/Long-Term/Continual/Undetermined)	Cost Estimate (BAE - Routine Agency Expense)
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Hydrology	Monitoring	Continue to cooperate with other state and federal agencies and independent researchers regarding hydrological studies, assessments and monitoring programs.	Monitor	Interagency Cooperation	Continual	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Hydrology	Monitoring	Continue to pursue and support hydrologic studies and water budget models for all areas of the park.	Monitor	Research	Continual	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Hydrology	Monitoring	Continue to cooperate with other local and state agencies to monitor potential impacts from Chiquita boat lock and Cetus boat life removals.	Monitor	Interagency Cooperation	Continual	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Cape Haze Management Area	Hydrology	Restoration	Restore natural hydrological conditions and functions to approximately 400 acres of mangrove swamp, salt marsh and mesic flatwoods natural communities.	Conduct restoration	Interagency Cooperation	Mid-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Cape Haze Management Area	Hydrology	Restoration	Install low water crossings (18), bridges and culverts to improve access within the park.	Construct	Restoration	Mid-Term	\$1,500,000 +
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Natural Communities	Fire	Within 10 years, have approximately 10,000 acres of the park maintained within the optimum fire return interval.	Develop	Annual Burn Plan	Long-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Management Zones CP-PG11 (27 acres) and CP-PG12 (17 acres)	Natural Communities	Restoration	Conduct habitat/natural community restoration on 44 acres of abandoned pasture and pine plantation to facilitate conversion to mesic flatwoods.	Develop	Restoration Plan	Mid-Term	\$50,000
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Natural Communities	Improvement	Conduct natural community/habitat improvement activities on 2,596 acres of mesic flatwoods to prepare zones for the safe application of prescribed fire.	Develop	Improvement Plan	Long-Term	\$100,000
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Natural Communities	Improvement	Conduct natural community/habitat improvement activities throughout the preserve on mesic flatwoods and scrubby flatwoods to prepare zones for the safe application of prescribed fire.	Remove	Flora	Long-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Management Zones CP-PG09 and CP-PG10	Natural Communities	Improvement	Conduct natural community/habitat improvement activities on 95 acres of mesic flatwoods and scrubby flatwoods.	Remove	Flora	Long-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Imperiled Species	Inventory	Update baseline imperiled species occurrence inventory lists for plants and animals.	Document	Flora & Fauna	Mid-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Imperiled Species	Monitoring	Continue existing monitoring protocols for four selected imperiled animal species (Burrowing owl, Florida scrub-jay, Florida bonneted bat and gopher tortoise).	Monitor	Fauna	Mid-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Imperiled Species	Monitoring	Monitor and document three selected imperiled plant species in the park (Triangle cactus, aboriginal prickly-apple cactus and beautiful papyrus).	Monitor	Flora	Mid-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Update the long-term invasive plant management plan for the park.	Identify/Update	Invasive Management Plan	Long-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 11,989 gross acres of habitat already in maintenance condition.	Survey/Treat/Document	Invasive Plants	Long-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce or maintain cover class on 33,348 acres not in maintenance.	Survey/Treat/Document	Invasive Plants	Long-Term	TBD
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Implement control measures on one non-indigenous/nuisance animal to protect native species and habitats.	Remove	Invasive/Nuisance Animals	Continual	\$120,000
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Cultural Resources	Monitoring	Monitor and assess 20 of 137 recorded cultural resources.	Monitor/Assess	Cultural Sites	Long-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources.	Compile	Documentation	Long-Term	RAE
Charlotte Harbor	Charlotte Harbor Preserve State Park	Parkwide	Cultural Resources	Preservation Measures	Bring 46 of 137 recorded cultural resources into good condition.	Develop/Implement	Cultural Sites	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Hydrology	Restoration	Assess the park's hydrological restoration needs.	Monitor/Assess	Hydrological Restoration	Mid-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Management Zone CC-10C	Natural Communities	Restoration	Conduct habitat/natural community restoration activities on approximately three acres of former beach dune, coastal strand and mangrove swamps.	Conduct Restoration	Natural Communities	Long-Term	\$75,000
Charlotte Harbor	Cayo Costa State Park	Parkwide	Natural Communities	Fire	Within 10 years, have 49 acres maintained within the optimum fire return interval.	Update	Prescribed Fire Plan	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Management Zone CC-01	Natural Communities	Fire	Conduct natural community/habitat improvement activities on 44 acres of mesic flatwoods to prepare zones for the safe application of prescribed fire.	Remove	Natural communities (Excess Fuel)	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Imperiled Species	Flora & Fauna	Update baseline imperiled species occurrence inventory lists for plants and animals.	Update	Flora & Fauna	Continual	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Imperiled Species	Fauna	Continue existing monitoring protocols for 12 selected imperiled animal species.	Monitor	Fauna	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Imperiled Species	Flora	Continue existing monitoring protocols for one selected imperiled plant species in the park.	Implement protocols	Imperiled Species	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Update the long-term invasive plant management plan for the park.	Conduct	Survey	Continual	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 811 gross acres of habitat already in maintenance condition as needed.	Monitor	Invasive Plants	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce or maintain cover class on 1,862 acres not in maintenance.	Survey/Treat/Document	Invasive Plants	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Invasive and Nuisance Animal Control	Invasive Plant Treatment	Implement control measures on four non-indigenous/nuisance animals to protect native species and habitats.	Remove	Invasive Animals	Continual	\$50,000
Charlotte Harbor	Cayo Costa State Park	Parkwide	Cultural Resources	Condition Assessment	Monitor and assess 13 of 24 recorded cultural sites.	Assessment/Evaluation/Prioritization	Cultural Sites	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources.	Complete Surveys	Cultural Sites	Mid-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Cultural Resources	Preservation Measures	Bring one of 13 cultural sites into good condition.	Design and Implement	Cultural Sites	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Faulkner Mound	Cultural Resources	Preservation Measures	Restore vegetation and stabilize area around Faulkner Mound	Plant Native Vegetation/Install	Cultural Sites	Mid-Term	\$50,000
Charlotte Harbor	Cayo Costa State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Hydrology	Monitoring and Assessment	Assess the park's hydrological restoration needs.	Assess	Hydrological Restoration	Continual	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Natural Communities	Prescribed Fire	Within 10 years, have 50 acres maintained within the optimum fire return interval.	Develop and Conduct	Prescribed Fire Plan	Long-Term	RAE
Charlotte Harbor	Don Pedro Island State Park	Management Zones DP-01 and DP-02	Natural Communities	Improvement	Conduct natural community/habitat improvement activities on 50 acres of mesic flatwoods and scrubby flatwood to prepare zones for the safe application of prescribed fire.	Understudy	Mechanical Treatment	Mid-Term	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Imperiled Species	Inventory	Update baseline imperiled species occurrence inventory lists for plants and animals.	Update	Imperiled Species	Continual	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Imperiled Species	Fauna	Continue existing monitoring protocols for three selected imperiled animal species.	Implement protocols	Fauna	Mid-Term	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Imperiled Species	Flora	Monitor and document four selected imperiled species in the park.	Implement protocols	Flora	Mid-Term	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Update the long-term invasive plant management plan for the park.	Assessment/Evaluation/Prioritization	Invasive Plants	Long-Term	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 56 gross acres of habitat already in maintenance condition as needed.	Survey/Treat/Document	Invasive Plants	Continual	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Invasive and Nuisance Animal Control	Invasive Plant Treatment	Reduce or maintain cover class on 196 acres not in maintenance.	Survey/Treat/Document	Invasive Plants	Continual	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Invasive and Nuisance Animal Control	Invasive Plant Treatment	Implement control measures on three non-indigenous/nuisance animals to protect native species and habitats.	Remove	Invasive and Nuisance Animal Control	Mid-Term	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Cultural Resources	Condition Assessment	Monitor and assess all recorded cultural sites.	Monitor	Cultural Sites	Continual	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources.	Survey and Document	Cultural Sites	Continual	RAE
Charlotte Harbor	Don Pedro Island State Park	Parkwide	Cultural Resources	Preservation Measures	Bring all cultural sites into good condition.	Complete Assessments	Cultural Sites	Long-Term	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Hydrology	Monitoring and Assessment	Assess the park's hydrological restoration needs.	Research and Monitoring programs	Interagency Cooperation	Long-Term	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Hydrology	Erosion Monitoring	Continue to assist federal, state and local agencies with active monitoring of erosion and accretion cycles and assessment of beach and shoreline conditions following natural disasters.	Monitoring and Assessment	Beach Erosion	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Hydrology	Interagency Partnerships	Continue to partner with federal, state and local agencies to fund, design, permit, improve and maintain coastal and beach management programs consistent with DNR's mission.	Stakeholder Engagement	Coastal Projects	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Coastal Beach Dune Areas	Natural Communities	Restoration	Conduct habitat/natural community restoration activities on five acres of coastal beach dune.	Revegetation	Native Plants	Long-Term	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Imperiled Species	Update species list	Update baseline imperiled species occurrence inventory lists for plants and animals.	Update	Imperiled Species	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Imperiled Species	Fauna	Continue existing monitoring protocols for 10 selected imperiled animal species.	Implement protocols/Continue monitoring/Provide visitor interpretation and outreach	Imperiled Animals	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Imperiled Species	Flora	Survey two selected imperiled plant species in the park.	Update Survey Protocols	Imperiled Plants	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Invasive Species	Update plan	Update long-term invasive plant management plan for the park.	Identify/Update	Invasive Plants	Long-Term	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 77 gross acres of habitat already in maintenance condition as needed.	Survey/Treat/Document	Invasive Plants	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce or maintain cover class on 89 acres not in maintenance.	Survey/Treat/Document	Invasive Plants (after prescribed fire)	Long-Term/Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Implement control measures on four nuisance species.	Coordinate and Remove	Invasive and Nuisance Animal Control	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources.	Continue Surveying/Follow DHR	Cultural Sites	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Parkwide	Cultural Resources	Condition Assessment	Monitor and assess all recorded cultural resources.	Matrix	Cultural Sites	Continual	RAE
Charlotte Harbor	Gasparilla Island State Park	Lighthouse and Assistant Keeper's House	Cultural Resources	Preservation Measures	Maintain two of three cultural sites in good condition.	Maintain structures in good condition.	Cultural Sites	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Hydrology	Interagency Partnerships	Continue to partner with federal, state and local agencies with active monitoring of erosion and accretion cycles and assessment of beach and shoreline conditions following natural disasters.	Continue Stakeholder Engagement	Beach and Shoreline conditions following a natural disaster.	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Beach Dune, Management Zones SPB-2 and SPB-3	Natural Communities	Restoration	Conduct habitat/natural community restoration activities on up to three acres of beach dune.	Revegetation/partnership/Install temporary barriers	Beach Dune Natural Community	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Imperiled Species	Inventory	Update baseline imperiled species occurrence inventory lists for plants and animals.	Continue inventory updates	Imperiled Species	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Imperiled Species	Fauna	Continue existing monitoring protocols for nine selected imperiled animal species.	Continue monitoring/Review and Revise/Increase Protection	Imperiled Animals	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Imperiled Species	Flora	Monitor and document three selected imperiled plant species in the park (Shell mound pricklypear, Florida Maytten and Isberry).	Implement Protocols	Imperiled Plants	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Update the long-term invasive plant management plan for the park.	Identify/Update	Invasive Plants	Long-Term/Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Invasive Species	Maintenance Condition Habitat	Monitor and maintain 79 gross acres of habitat already in maintenance condition as needed.	Survey/Treat/Document	Invasive Plants	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Invasive Species	Reduce/Maintain Cover Class	Reduce or maintain cover class on 183 acres not in maintenance.	Treat/Reduce/Document	Invasive Plants	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Implement control measures on three non-indigenous/nuisance animals to protect native species and habitats.	Coordinate and Remove	Invasive Animals	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Cultural Resources	Condition Assessment	Monitor and assess all recorded cultural sites.	assessments	Cultural Sites	Short-Term	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources.	Update FMS/Record and submit new or updated forms	Cultural Sites	Continual	RAE
Charlotte Harbor	Stump Pass Beach State Park	Parkwide	Cultural Resources	Preservation Measures	Bring all cultural sites into good condition.	Conduct post-hurricane assessments/Document/Evaluate need for stabilization methods.	Cultural Sites	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide, fingers of mangrove swamp	Hydrology	Monitoring	Monitor and report water quality issues in the preserve. Engage and coordinate with partner agencies doing regular hydrological assessments and water quality testing in the preserve and surrounding estuary.	Facilitate	Interagency Cooperation	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide, fingers of mangrove swamp	Hydrology	Monitoring	Continue to review site-specific water quality monitoring data.	Monitor	Water Quality	Continual	RAE

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Central Gulf	Terra Ceia Preserve State Park	Parkwide, fingers of mangrove swamp	Hydrology	Monitoring	Continue to engage with partners and researchers to determine gaps and additional needs.	Facilitate	Interagency Cooperation	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide, fingers of mangrove swamps	Hydrology	Monitoring	Continue to report water quality issues to appropriate agencies.	Facilitate	Interagency Cooperation	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide, fingers of mangrove swamp	Hydrology	Monitoring	Cooperate with state and federal agencies and researchers in monitoring preserve hydrology, particularly surface water quality.	Facilitate	Interagency Cooperation	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide, freshwater, mangrove-lined and salt-water ponds	Hydrology	Monitoring	Complete a hydrological assessment to determine the preserve's hydrological restoration needs.	Assess	Restoration	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide, freshwater, mangrove-lined and salt-water ponds	Hydrology	Monitoring	Continue to work with partners, agencies and subject matter experts to assess all freshwater, mangrove-lined and salt-water ponds for salinity, habitat function and fish/invertebrate inventories.	Facilitate	Interagency Cooperation	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Bishop Harbor Boat Ramp area	Hydrology	Monitoring	Work with partners, agencies and subject matter experts to identify potential mitigation and restoration strategies.	Facilitate	Interagency Cooperation	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Hightower Road	Hydrology	Restoration	Restore tidal hydrological function to over 2.6 acres of mangrove swamp and 2.3 acres of estuarine unconsolidated substrate. Work with partners to determine best placement of culverts under Hightower Road to restore tidal flushing and prevent further mangrove loss.	Facilitate	Interagency Cooperation	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Stagnant estuarine lagoons and mangrove swamps/fingers	Hydrology	Restoration	Improve tidal flushing between stagnant estuarine lagoons and fingers.	Conduct	Restoration	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Stagnant estuarine lagoons and mangrove swamps/fingers	Hydrology	Restoration	Monitor effects and document with photo points.	Document	Restoration	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Management Zone TC-16 and Management Zone TC-10	Hydrology	Restoration	Investigate the feasibility and subsequent function of removing spoil piles left behind by the SWFWMD's SWIM Terra Ceia Ecosystem Restoration Project.	Assess	Restoration	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	RNC mesic flatwoods, Depression Marsh, Salt Marsh, Abandoned field, Invasive Monoculture	Natural Communities	Fire	Maintain approximately 400 acres within the optimum fire return interval. Differentiate fire-type areas (RNC mesic flatwoods) from those that can be managed as non-fire type (mesic hammocks).	Conduct	Prescribed Fire	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Sensitive communities (salt marsh, shell mound, etc.)	Natural Communities	Fire	Develop/update annual prescribed fire plan that includes guidance for burning in adjacent sensitive communities, such as salt marsh.	Develop	Annual Burn Plan	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Altered land cover	Natural Communities	Fire	Continue to develop a restoration plan for altered land cover and utilize fire where necessary for restoration of desired natural communities.	Develop	Annual Burn Plan	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Altered land cover	Natural Communities	Restoration	Update restoration plan for altered land cover. Develop a site-specific plan for eliminating invasive species, staying current with scientific advances in restoration ecology.	Update	Plan	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Altered land cover	Natural Communities	Restoration	Experiment with different project sizes and schemas to determine successful strategies for groundcover restoration.	Conduct	Restoration	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Altered land cover	Natural Communities	Restoration	Set clear objectives that identify when and how additional plant materials are to be utilized.	Develop	Plan	Short-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Abandoned field	Natural Communities	Restoration	Implement the restoration plan on 100 upland acres of abandoned field. Continue to test groundcover restoration on a small scale to identify successful sequences.	Conduct	Restoration	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Abandoned field	Natural Communities	Restoration	Monitor the progress of the restoration activities and document with photo points.	Monitor	Restoration	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Abandoned field	Natural Communities	Restoration	Identify potential funding sources and appropriate client material sources for larger projects as appropriate.	Conduct	Research	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Abandoned field	Natural Communities	Restoration	Explore nearby partnerships to facilitate restoration projects.	Facilitate	Interagency Cooperation	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Depression marsh	Natural Communities	Improvement	Conduct natural community/habitat improvement activities on 2 acres of depression marsh. Minimize willow and hardwood encroachment from depression marsh areas.	Improve	Natural Communities	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Imperiled Species	Inventory	Develop/update baseline imperiled species occurrence inventory lists for plants and animals. Continue to inventory the preserve to update imperiled species inventory lists.	Update	Inventory	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Imperiled Species	Fauna	Continue monitoring for one selected imperiled animal species. Continue working in cooperation with FWC to facilitate acoustical monitoring for the threatened bird.	Facilitate	Interagency Cooperation	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Shell mound, maritime hammock and coastal berm communities	Imperiled Species	Flora	Monitor and document six selected imperiled plant species in the preserve.	Monitor	Flora	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Shell mound, maritime hammock and coastal berm communities	Imperiled Species	Flora	Implement monitoring protocols for wild cotton, golden leather fern, Florida mayten, West Indian cock's comb, giant plant (Tillandsia utriculata) and shell mound prickly pear.	Monitor	Flora	Short-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Update long-term invasive plant management plan for the preserve annually. Identify the major vectors and pathways for invasive plants at the preserve and reduce incoming propagules where possible.	Update	Invasive Management Plan	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Regularly update surveys to reflect accurate infestation levels of each management zone.	Conduct	Survey	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop an Early Detection Rapid Response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop a species-specific action plan for each management zone with a prioritization framework.	Develop	Plan	Short-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adjust to changing conditions.	Update	Plan	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 65 gross acres of habitat already in maintenance condition as needed. Survey all maintenance areas regularly for new infestations, with species' biology determine monitoring time/frame.	Conduct	Survey	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat areas where invasive plant spread is imminent (particularly after prescribed fire, mechanical or other disturbance).	Remove	Invasive Plants	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in the Natural Resource Tracking System (NRTS).	Update	Survey	Short-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce or maintain coverclass on approximately 745 acres not in maintenance. Survey and treat after prescribed fire for rapid spread of invasive species.	Conduct	Survey	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce high infestations with additional labor sources (e.g., contract funding, strike teams) and plan for passive or active restoration.	Remove	Invasive Plants	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Establish an Early Detection Rapid Response program for invasive and nuisance animals in the preserve. Train all new staff on identifying previously known non-native species: black and white Argentine tegus, African spurred tortoises, curly-tailed lizards and feral cats.	Train	Staff	Short-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Stay advised on potential invaders by partnering with the Suncoast Cooperative Invasive Species Management Area and attending training and workshops.	Facilitate	Interagency Cooperation	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Develop an action plan that details the operations necessary for proper removal.	Develop	Plan	Short-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Management zones TC-08, TC-13, TC-28 and TC-37	Invasive Species	Invasive and Nuisance Animal Control	Continue to monitor and implement control measures on feral hogs to protect native species and habitats. Monitor all preserve lands, especially historic hot spots (i.e., Management Zones TC-08, TC-13, TC-28 and TC-37) for fresh hog activity (e.g., rooting).	Monitor	Invasive/Nuisance Animals	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Conduct in-house removal where feasible and contact USDA for assistance where necessary.	Remove	Invasive/Nuisance Animals	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Management Zones TC-33, TC-36 and TC-37	Invasive Species	Invasive and Nuisance Animal Control	Install boundary fencing where possible to reduce the influx of new invasive/nuisance animals (i.e., in Management Zones TC-33, TC-36 and TC-37).	Construct	Fencing	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	TC-40, TC-28, TC-20	Cultural Resources	Condition Assessment	Monitor one resource areas (MA000111) and two archaeological sites (MA000300, MA000302) annually.	Monitor	Cultural Sites	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	TC-40, TC-28, TC-21	Cultural Resources	Condition Assessment	Work with DRP's Bureau of Natural and Cultural Resources (BNCR) and DHR to create a plan for the stabilization and monitoring of the Harbor Key complex (MA000111).	Facilitate	Interagency Cooperation	Mid-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	TC-28 and TC-21	Cultural Resources	Condition Assessment	Annually monitor Big Pond and Manopoa Key for disturbance/erosion.	Monitor	Cultural Sites	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	TC-40, TC-21, TC-37, TC-36, TC-28, TC-19, TC-18, TC-17, TC-32, TC-27, TC-16, TC-08, TC-06, TC-24	Cultural Resources	Condition Assessment	Monitor 19 sites that were initially described as "excellent" condition (i.e., listed as "good" above) within two years.	Monitor	Cultural Sites	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	TC-40, TC-37, TC-36, TC-35, TC-32, TC-33, TC-29, TC-28, TC-18, TC-16, TC-26, TC-19, TC-14, TC-08, TC-01	Cultural Resources	Condition Assessment	Update condition on 23 sites that were initially described as having "minor disturbance" (i.e., listed as "fair" above) within three years.	Update	Documentation	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	TC-40, TC-38, TC-27, TC-29, TC-30, TC-18, TC-17, TC-14, TC-15, TC-10, TC-13, TC-28, TC-34, TC-33, TC-16, TC-11, TC-12, TC-09, TC-07, TC-31	Cultural Resources	Condition Assessment	Update condition on 33 sites that were initially described as "deteriorated" (i.e., listed as "poor" above) within five years.	Update	Documentation	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Cultural Resources	Condition Assessment	Check all sites for disturbance and/or erosion.	Monitor	Cultural Sites	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources. Finalize the georeferenced site map (Burger 2003) to facilitate site monitoring.	Compile	Documentation	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Update PMS (with photos and/or GIS if necessary) at all monitored sites.	Update	Documentation	Long-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Create a multi-year prioritized restoration schedule, assigning high priority sites annually.	Develop	Plan	Continual	RAE
Central Gulf	Terra Ceia Preserve State Park	TC-40	Cultural Resources	Preservation Measures	Stabilize one cultural resource. Consult with DHR and BNCR to develop a plan for Harbor Key Complex.	Facilitate	Interagency Cooperation	Mid-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Halley House and outbuildings (TC-01)	Cultural Resources	Preservation Measures	Consult with DHR and BNCR to evaluate Halley House and outbuildings for preservation and permanent use or removal.	Facilitate	Interagency Cooperation	Short-Term	RAE