



RESOURCE MANAGEMENT

Implementation Table

SOUTHWEST DISTRICT

Charlotte Harbor Region
Big Cypress 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 (RAE - Routine Agency Expense)
Big Cypress	Collier-Seminole State Park	Parkwide	Hydrology	Water Quantity	Monitor ground and surface water levels secondary to Pinyon Strand Restoration Project (PSRP). Continue data collection and maintenance of the 11 groundwater wells.	Monitor	Water Quantity	Continual	\$85,000
Big Cypress	Collier-Seminole State Park	Parkwide	Hydrology	Water Quality	Establish more water quality sampling sites to monitor post-PSRP effects	Monitor	Water Quality	Continual	\$45,000
Big Cypress	Collier-Seminole State Park	Management zones CS-01, CS-02, CS-03, CS-04, CS-05A, CS-06A	Hydrology	Water Quality	Study the impacts of adjacent farm discharge on management zones CS-01, CS-02, CS-03, CS-04, CS-05A and CS-06A, and eliminate future discharge onto park property.	Monitor	Water Quality	Continual	\$150,000
Big Cypress	Collier-Seminole State Park	Parkwide	Hydrology	Water Quality	Collect baseline data that characterizes the Class III Outstanding Florida Waters of the park.	Monitor	Water Quality	Continual	\$75,000
Big Cypress	Collier-Seminole State Park	Parkwide	Hydrology	Water Quality	Collaborate to identify offsite diversion, retention and treatment of poor quality water flowing from agricultural lands before entering the park.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Hydrology	Hydrological Alterations	Assess the park's hydrological restoration needs. Continue to cooperate with state and federal agencies and researchers regarding hydrological research and monitoring programs within the park, particularly those focused on freshwater wetlands, groundwater levels and water quality in associated estuarine waterbodies.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Hydrology	Hydrological Alterations	Continue to monitor, review and comment on proposed land-use or zoning changes within land bordering the park.	Monitor	Plan	Continual	RAE
Big Cypress	Collier-Seminole State Park	Wet flatwoods, strand swamp, marl prairie, mesic hammocks, slough, salt marsh	Hydrology	Restoration	Restore natural hydrological conditions and functions to a combined 2,069 acres of wet flatwoods, strand swamp, marl prairie, mesic hammocks, slough and salt marsh. Design and permit projects to facilitate restoration needs.	Conduct	Restoration	Long-Term	\$4,500,000
Big Cypress	Collier-Seminole State Park	Parkwide	Hydrology	Restoration	Analyze impacts of park roads on surface drainage and provide corrective measures. Replace nonfunctioning culverts and install additional culverts as needed.	Conduct	Restoration	Long-Term	\$1,250,000
Big Cypress	Collier-Seminole State Park	Wet flatwoods, salt marsh, marl prairie, mesic flatwoods, scrubby flatwoods	Natural Communities	Prescribed Fire	Within 10 years, have 850 acres maintained within the optimum fire return interval.	Conduct	Prescribed Fire	Continual	RAE
Big Cypress	Collier-Seminole State Park	Wet flatwoods, salt marsh, marl prairie, mesic flatwoods, scrubby flatwoods	Natural Communities	Prescribed Fire	Develop and update annual burn plan. Develop a comprehensive fire management plan for the park.	Update	Annual Burn Plan	Continual	RAE
Big Cypress	Collier-Seminole State Park	Wet flatwoods, salt marsh, marl prairie, mesic flatwoods, scrubby flatwoods	Natural Communities	Prescribed Fire	Conduct prescribed fire on 339-1,701.36 acres annually.	Conduct	Prescribed Fire	Continual	RAE
Big Cypress	Collier-Seminole State Park	Depression marsh and wet flatwoods	Natural Communities	Restoration	Develop/update a site-specific restoration plan for 105 combined acres of depression marsh and wet flatwoods. Implement the restoration plan.	Develop	Plan	Long-Term	\$650,000
Big Cypress	Collier-Seminole State Park	Wet flatwoods and mesic flatwoods	Natural Communities	Improvement	Conduct slash pine thinning activities on 650 combined acres of wet flatwoods and mesic flatwoods. Selectively remove pine trees.	Conduct	Restoration	Long-Term	\$1,300,000
Big Cypress	Collier-Seminole State Park	Parkwide	Imperiled Species	Inventory	Develop/update baseline imperiled species occurrence inventory lists for plants and animals. Continue to inventory the park to update imperiled species inventory lists.	Update	Inventory	Continual	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Imperiled Species	Fauna	Continue existing monitoring protocols for two selected imperiled animal species including the gopher tortoise and Florida bonneted bat.	Monitor	Fauna	Continual	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Imperiled Species	Flora	Monitor and document three selected imperiled plant species including Florida royal palm, erect prickly-pear cactus and fuzzy-wuzzy air plant.	Monitor	Flora	Continual	RAE
Big Cypress	Collier-Seminole State Park	Management zones CS-02, CS-06A, CS-06B	Invasive Species	Invasive Plant Treatment	Conduct natural community/habitat improvement activities on 174 combined acres of strand swamp, wet flatwoods and mesic flatwoods. Treat all FISC category 1 invasives.	Improve	Natural Communities	Long-Term	RAE
Big Cypress	Collier-Seminole State Park	Management zone CS-10	Invasive Species	Invasive Plant Treatment	Conduct natural community/habitat improvement activities on 35 acres of rockland hammock. Treat all FISC category 1 invasives.	Improve	Natural Communities	Long-Term	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Annually treat 100 gross acres of non-native plants. Identify the major vectors and pathways for non-native plants at the park and reduce incoming propagules where possible.	Monitor	Invasive Plants	Continual	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document areas of high (50-100 percent), medium (10-50 percent) and low (1-5 percent) infestation.	Update	Survey	Short-Term	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop an early detection rapid response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Big Cypress	Collier-Seminole 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
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adapt to changing conditions.	Update	Plan	Continual	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Annually reduce cover class in 50 acres of the park. Survey and treat after prescribed fire for rapid spread of non-native species	Conduct	Survey	Continual	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Collier-Seminole 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
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Collier-Seminole State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Implement control measures on four non-indigenous/nuisance animals to protect native species and habitats. Remove pythons, feral cats, iguanas and feral hogs as needed.	Remove	Invasive/Nuisance Animals	Continual	RAE
Big Cypress	Collier-Seminole State Park	Management zones CS-11, CS-13, CS-14	Cultural Resources	Condition Assessment	Monitor and assess ten recorded cultural resources.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Collier-Seminole State Park	Management zones CS-11, CS-13, CS-15	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources. Ensure all known sites are recorded or updated in the Florida Master File.	Compile	Documentation	Long-Term	RAE
Big Cypress	Collier-Seminole State Park	Management zones CS-11, CS-13, CS-16	Cultural Resources	Documentation of Recorded Sites	Maintain the park's Scope of Collections Statement.	Monitor	Documentation	Continual	RAE
Big Cypress	Collier-Seminole State Park	Management zones CS-11, CS-13, CS-17	Cultural Resources	Preservation Measures	Maintain all recorded sites in good condition. Bring one of 10 recorded cultural resources into good condition. Develop and implement cyclical monitoring and maintenance plans for nine of the 10 recorded sites.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Hydrology	Monitoring and Assessment	Assess the park's hydrological restoration needs. Continue to cooperate with other state and federal agencies and independent researchers in hydrological research and monitoring programs.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Hydrology	Erosion Monitoring	Continue to cooperate with federal, state, and local agencies, and researchers regarding monitoring and assessment of beach erosion.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Hydrology	Interagency Partnerships	Continue stakeholder engagement with federal, state and local agencies, and researchers in planning and implementation of coastal projects that impact the parks.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Beach dune and coastal strand	Natural Communities	Restoration	Conduct natural community/habitat improvement and restoration activities on a combined 25 acres of beach dune and coastal strand following the impacts of major storm events. Survey, remove and monitor FISC category 1 and 1 invasive plant species.	Improve	Natural Communities	Long-Term	\$50,000
Big Cypress	Delnor-Wiggins Pass State Park	Management zone DWP-05	Natural Communities	Restoration	Revegetate former northwesternmost parking area and roadway.	Improve	Natural Communities	Long-Term	\$80,000
Big Cypress	Delnor-Wiggins Pass State Park	Management zones DWP-05 and DWP-06	Natural Communities	Restoration	Dedicate trail access to prevent trampling.	Protect	Natural Communities	Short-Term	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Beach dune and coastal strand	Natural Communities	Restoration	Naturalize former parking areas as a step in the process to consolidate visitor parking.	Improve	Natural Communities	Long-Term	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Imperiled Species	Inventory	Update baseline imperiled species occurrence inventory list for plants and animals.	Update	Inventory	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Imperiled Species	Fauna	Continue to implement existing monitoring protocols for four marine turtle species, as well as piping plover, red knot, Wilson's plover, least tern, black skimmer, and American oystercatcher.	Monitor	Fauna	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Imperiled Species	Fauna	Monitor impacts on shorebird and sea turtle nestlings by terrestrial nuisance species in the park.	Monitor	Fauna	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Imperiled Species	Fauna	Complete full aopher tortoise surveys at the park annually to better understand trends in the population.	Conduct	Survey	Long-Term	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Imperiled Species	Flora	Continue to implement existing monitoring protocols for three rare plant species at the park including shellmound pricklypear, triangle cactus and laburnum.	Monitor	Flora	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Create a long-term invasive plant management plan for the park. Identify the major vectors and pathways for invasive plants at the park and reduce incoming propagules where possible.	Update	Invasive Management Plan	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Regularly update surveys to reflect accurate infestation levels of each management zone.	Update	Survey	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop and early detection rapid response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Big Cypress	Delnor-Wiggins Pass 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
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adapt to changing conditions.	Update	Plan	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 26.5 acres of habitat already in maintenance condition as needed. Survey all maintenance areas yearly for new infestations.	Conduct	Survey	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat areas where invasive plant spread is imminent (e.g. after prescribed fire, mechanical or other disturbance).	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Remove invasive/nuisance animal species as needed.	Remove	Invasive/Nuisance Animals	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Lithic scatter site and shipwreck site	Cultural Resources	Condition Assessment	Monitor and assess all recorded cultural resources. Continue to monitor areas where two recorded cultural resources were previously observed.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Delnor-Wiggins Pass State Park	Shipwreck site	Cultural Resources	Condition Assessment	If fragments of the historic shipwreck are identified and unstable, then excavation for off-site preservation is indicated.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Hydrology	Monitoring and Assessment	Assess the park's hydrological restoration needs. Continue to cooperate with other state and federal agencies and independent researchers regarding hydrological research, assessments and monitoring programs.	Assess	Restoration	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Hendry Creek and Cow Slough	Hydrology	Monitoring and Assessment	Continue to pursue hydrological studies of restoration needs within the Hendry Creek and Cow Slough watersheds.	Conduct	Restoration	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Mangrove swamp, mesic flatwoods, scrubby flatwoods, mesic flatwoods	Hydrology	Restoration	Restore natural hydrological conditions and functions to approximately 500 acres of mangrove swamp, mesic flatwoods, scrubby flatwoods and wet flatwoods. Complete a feasibility assessment for projects identified in the Consult-Tech study.	Conduct	Restoration	Long-Term	RAE
Big Cypress	Estero Bay Preserve State Park	Mangrove swamp, mesic flatwoods, scrubby flatwoods, mesic flatwoods	Hydrology	Restoration	Install two low-water crossings.	Conduct	Restoration	Long-Term	\$300,000
Big Cypress	Estero Bay Preserve State Park	Mangrove swamp, mesic flatwoods, scrubby flatwoods, mesic flatwoods	Hydrology	Restoration	Maintain, repair or replace culverts throughout the area.	Conduct	Restoration	Long-Term	\$100,000
Big Cypress	Estero Bay Preserve State Park	Mangrove swamp, mesic flatwoods, scrubby flatwoods, mesic flatwoods	Hydrology	Restoration	Stabilize the main nature trail at the slough crossing.	Conduct	Restoration	Long-Term	\$25,000
Big Cypress	Estero Bay Preserve State Park	Mangrove swamp, mesic flatwoods, scrubby flatwoods, mesic flatwoods	Hydrology	Restoration	Restore 6 miles of mosquito ditching.	Conduct	Restoration	Long-Term	\$1,000,000 +
Big Cypress	Estero Bay Preserve State Park	Mangrove swamp, mesic flatwoods, scrubby flatwoods, mesic flatwoods	Hydrology	Restoration	Install ditch blocks and dismantle portions of existing railroad grade to open gaps.	Conduct	Restoration	Long-Term	\$35,000
Big Cypress	Estero Bay Preserve State Park	Management zones EB-20 and EB-21	Hydrology	Restoration	Remove spoil berms in EB-20 and EB-21.	Conduct	Restoration	Long-Term	\$200,000+
Big Cypress	Estero Bay Preserve State Park	Mangrove swamp, mesic flatwoods, scrubby flatwoods, mesic flatwoods	Hydrology	Restoration	Obtain necessary gopher tortoise relocation permit.	Conduct	Restoration	Long-Term	\$280
Big Cypress	Estero Bay Preserve State Park	Management zone EB-08	Hydrology	Restoration	Protect groundwater hydrology at the Zemet parcel. Locate and cap the abandoned artesian well.	Cover	Artesian Well	Short-Term	\$10,000

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 (RAE - Routine Agency Expense)
Big Cypress	Estero Bay Preserve State Park	Wet flatwoods, mesic flatwoods, scrub, scrubby flatwoods, depression marsh, salt marsh	Natural Communities	Prescribed Fire	Maintain 2,070 acres of the park within the optimum fire return interval within 10 years. Update annual prescribed fire plan.	Update	Annual Burn Plan	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Wet flatwoods, mesic flatwoods, scrub, scrubby flatwoods, depression marsh, salt marsh	Natural Communities	Prescribed Fire	Conduct prescribed fire on 365 acres annually.	Conduct	Prescribed Fire	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Imperiled Species	Inventory	Update baseline imperiled species occurrence inventory lists for plants and animals. Continue to survey the preserve to update imperiled species inventory lists.	Update	Inventory	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Imperiled Species	Fauna	Implement monitoring protocols for one selected imperiled animal species including aspen tortoises.	Monitor	Fauna	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Imperiled Species	Fauna	Continue to implement monitoring protocols for selected imperiled animal species including Wilson's plover.	Monitor	Fauna	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Imperiled Species	Flora	Develop monitoring protocols for two selected imperiled plant species including nodding pinweed (<i>Lechea cneumia</i>) and Curtis' milkweed (<i>Asclepias curtisi</i>).	Monitor	Flora	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Update the long-term invasive plant management plan for the preserve. Identify the major vectors and pathways for invasive plants at the preserve and reduce incoming propagules where possible.	Update	Invasive Management Plan	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Regularly update surveys to reflect accurate infestation levels of each management zone.	Update	Survey	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop an early detection rapid response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Big Cypress	Estero Bay 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
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adapt to changing conditions.	Update	Plan	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 5,403 gross acres of habitat already in maintenance condition as needed. Survey and treat after prescribed fire for rapid spread of invasive species.	Conduct	Survey	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat areas where invasive plant spread is imminent (e.g. after prescribed fire, mechanical or other disturbance).	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce or maintain cover class on 7,653 acres not in maintenance. Survey and treat after prescribed fire for rapid spread of invasive species.	Conduct	Survey	Long-Term	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Estero Bay 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
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Continue trapping and removal of feral hogs. Manage other invasive or nuisance animals as needed.	Remove	Invasive/Nuisance Animals	Continual	\$75,000
Big Cypress	Estero Bay Preserve State Park	Parkwide	Cultural Resources	Condition Assessment	Monitor and assess all recorded cultural resources in the preserve. Complete 12 assessments/evaluations of archaeological sites.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Cultural Resources	Preservation Measures	Bring nine of 12 cultural sites into good condition. Consult DHR regarding preservation and restoration of looting pits at three cultural sites.	Improve	Cultural Sites	Long-Term	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Cultural Resources	Preservation Measures	Maintain three of 12 recorded cultural resources in good condition.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Estero Bay Preserve State Park	Parkwide	Cultural Resources	Preservation Measures	Create and implement a certified maintenance program for each selected cultural resource.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Hydrology	Monitoring and Assessment	Monitor water quantity and quality. Collect baseline data that characterizes the Class III Outstanding Florida Waters of the preserve for future reference.	Assess	Water Quality	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Hydrology	Monitoring and Assessment	Assess the preserve's hydrological restoration needs. Continue to monitor surface and ground water levels via staff gauges at culvert crossings and well points at established locations throughout the preserve.	Monitor	Water Quality	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Dan House Prairie	Hydrology	Restoration	Restore natural hydrological conditions and functions to approximately 3,000 combined acres of marl prairie and strand swamp natural community(s). Remove former agricultural berms that impede sheetflow within Dan House Prairie.	Conduct	Restoration	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Mesic flatwoods, marl prairie, wet flatwoods, strand swamp, estuarine salt marsh, dome swamp	Natural Communities	Prescribed Fire	Within 10 years, have 10,000 acres maintained within the optimum fire return interval. Develop/update annual prescribed fire plan.	Update	Annual Burn Plan	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Mesic flatwoods, marl prairie, wet flatwoods, strand swamp, estuarine salt marsh, dome swamp	Natural Communities	Prescribed Fire	Conduct prescribed fire on 6,800-18,300 acres annually.	Conduct	Prescribed Fire	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Borrow lakes	Natural Communities	Restoration	Improve aquatic habitat and create wading bird rookery sites within the borrow lakes.	Improve	Natural Communities	Mid-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Wet flatwoods, marl prairie, small strand swamps	Natural Communities	Improvement	Conduct natural community/habitat improvement activities on approximately 500 acres of wet flatwoods, marl prairie and small strand swamps. Reduce cabbage palm density.	Remove	Natural Communities	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Imperiled Species	Inventory	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
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Imperiled Species	Fauna	Continue existing monitoring protocols for 12 selected animal species, including American alligator, Big Cypress fox squirrel and Everglades mink.	Monitor	Fauna	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	East River wading bird roost/nesting rookery	Imperiled Species	Fauna	Evaluate the impacts of recreational use on the East River wading bird roost/nesting rookery and take corrective measures for any negative impacts.	Monitor	Fauna	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Mesic and wet flatwoods pinelands	Imperiled Species	Fauna	Continue to improve habitat conditions for red-cockaded woodpecker via prescribed burning and selective removal of cabbage palms within mesic and wet flatwoods pinelands. Investigate opportunities for their reintroduction to the park.	Monitor	Fauna	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Imperiled Species	Flora	Monitor and document 86 selected imperiled plant species in the preserve. Continue systematic annual survey of imperiled plant species.	Monitor	Flora	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Imperiled Species	Flora	Monitor the status of imperiled plant species occurring along the overgrown trams. Survey the overgrown trams in 10-year intervals to record changes in imperiled plant abundance and distribution.	Conduct	Survey	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Create a long-term invasive plant management plan for the park. Identify the major vectors and pathways for invasive plants at the park and reduce incoming propagules where possible.	Develop	Invasive Management Plan	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Regularly update surveys to reflect accurate infestation levels of each management zone.	Update	Survey	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop an early detection rapid response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Big Cypress	Fakahatchee Strand 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
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adapt to changing conditions.	Update	Plan	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 1,989 acres of habitat already in maintenance condition as needed. Survey all maintenance areas yearly for new infestations.	Conduct	Survey	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat areas where invasive plant spread is imminent (e.g. after prescribed fire, mechanical or other disturbance).	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce or maintain cover class on 77,670 acres not in maintenance. Survey and treat following prescribed fire to prevent rapid spread of invasive species.	Conduct	Survey	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Fakahatchee Strand 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
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Remove Burmese pythons by utilizing road cruising surveys and opportunistic observations.	Remove	Invasive/Nuisance Animals	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Cultural Resources	Condition Assessment	Monitor and assess 78 of 95 recorded cultural resources.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources. Update all Florida Master Site File forms.	Compile	Documentation	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Prepare a Scope of Collections Statement.	Compile	Documentation	Short-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Copeland Fire Tower, Pump House/Storage Shed, Copeland Division of Forestry Structures	Cultural Resources	Preservation Measures	Bring three of 95 cultural sites into good condition. Restore the Copeland Fire Tower, Pump House/Storage Shed and Copeland Division of Forestry Structures.	Improve	Cultural Sites	Long-Term	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Cultural Resources	Preservation Measures	Develop a regular maintenance schedule.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Fakahatchee Strand Preserve State Park	Parkwide	Cultural Resources	Preservation Measures	Design and implement a monitoring program.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Korehan Historic State Park	Parkwide	Hydrology	Monitoring and Assessment	Conduct/obtain an assessment of the park's hydrological restoration needs related to adjacent elevated development.	Assess	Restoration	Continual	RAE
Big Cypress	Korehan Historic State Park	Parkwide	Hydrology	Monitoring and Assessment	Continue to cooperate with other agencies and independent researchers regarding hydrological research and monitoring programs.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Korehan Historic State Park	Parkwide, Estero River	Hydrology	Monitoring and Assessment	Continue to monitor erosion from foot traffic, primarily on the south bank of the Estero River.	Monitor	Restoration	Continual	RAE
Big Cypress	Korehan Historic State Park	Parkwide	Hydrology	Monitoring and Assessment	Continue to monitor on proposed and existing use or monitor changes within land bordering the park.	Monitor	Restoration	Continual	RAE
Big Cypress	Korehan Historic State Park	Management zone KR-06A	Hydrology	Restoration	Restore natural hydrological condition and function to borrow pits. Create a detailed restoration plan that includes recontouring, native vegetation planting, erosion control measures and habitat enhancement measures.	Conduct	Restoration	Long-Term	\$200,000

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 (RAE - Routine Agency Expense)
Big Cypress	Koreahian Historic State Park	Management zone KR-06A	Hydrology	Restoration	Choose native wetland plants that are suited to the local climate and soil conditions, such as a mix of emergent, floating and submerged plants.	Conduct	Restoration	Long-Term	\$15,000
Big Cypress	Koreahian Historic State Park	Management zone KR-07A	Hydrology	Restoration	Develop and implement a plan to demolish and remove the concrete wastewater treatment structure and associated infrastructure. Properly dispose of all demolition materials in accordance with applicable regulations.	Remove	Wastewater Treatment Plant	Long-Term	\$100,000
Big Cypress	Koreahian Historic State Park	Management zone KR-07A	Hydrology	Restoration	Restore natural hydrology and native vegetation in the former wastewater treatment plant site. Regrade disturbed areas to approximate natural elevations and drainage patterns.	Conduct	Restoration	Long-Term	\$20,000
Big Cypress	Koreahian Historic State Park	Management zone KR-07A	Hydrology	Restoration	Restore natural surface water flow by filling or modifying the remaining ditch as needed.	Conduct	Restoration	Long-Term	\$5,000
Big Cypress	Koreahian Historic State Park	Management zone KR-07A	Hydrology	Restoration	Stabilize soils and revegetate the site using appropriate native plant species.	Conduct	Restoration	Long-Term	\$15,000
Big Cypress	Koreahian Historic State Park	Management zone KR-07A	Hydrology	Restoration	Monitor the area and implement corrective actions as necessary to ensure successful site stabilization and vegetation establishment.	Monitor	Restoration	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Scrubby flatwoods and mesic flatwoods	Natural Communities	Prescribed Fire	Within 10 years, maintain 75 acres within the optimum fire return interval. Develop/update annual prescribed fire plan.	Update	Annual Burn Plan	Continual	RAE
Big Cypress	Koreahian Historic State Park	Scrubby flatwoods and mesic flatwoods	Natural Communities	Prescribed Fire	Conduct prescribed fire on 14-32 acres annually.	Conduct	Prescribed Fire	Continual	RAE
Big Cypress	Koreahian Historic State Park	Management zones KR-11 and KR-12	Natural Communities	Restoration	Restore a portion of abandoned field/pasture to historic mesic flatwoods community.	Conduct	Restoration	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Management zones KR-11 and KR-12	Natural Communities	Restoration	Restore a portion of abandoned field/pasture to historic orchard.	Conduct	Restoration	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Natural Communities	Assessment and Monitoring	Conduct a collaborative invasive species assessment with other entities to identify non-native plant species and provide removal priority communities.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Imperiled Species	Inventory	Develop/update baseline imperiled species occurrence inventory lists for plants and animals. Continue to survey the park to update imperiled species inventory lists.	Update	Inventory	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Imperiled Species	Fauna	Monitor gopher tortoise, using the line transect distance sampling method to establish baseline population numbers.	Monitor	Fauna	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Imperiled Species	Flora	Develop and implement monitoring protocols for plume polypody and hand fern.	Monitor	Flora	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Update the long-term invasive plant management plan for the park. Identify the major vectors and pathways for invasive plants at the park and reduce incoming propagules where possible.	Update	Invasive Management Plan	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Regularly update surveys to reflect accurate infestation levels of each management zone.	Update	Survey	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop an early detection rapid response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Big Cypress	Koreahian Historic 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
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adapt to changing conditions.	Update	Plan	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 111 acres of habitat already in maintenance condition as needed. Survey all maintenance areas yearly for new infestations.	Conduct	Survey	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat areas where invasive plant spread is imminent (e.g., after prescribed fire, mechanical or other disturbance).	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce and maintain cover class on 85 acres not in maintenance condition. Survey and treat after prescribed fire for rapid spread of invasive species.	Conduct	Survey	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Koreahian Historic 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
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Monitor and remove feral hogs and other non-native/nuisance animal species from park as needed.	Remove	Invasive/Nuisance Animals	Continual	\$75,000
Big Cypress	Koreahian Historic State Park	Parkwide	Cultural Resources	Condition Assessment	Assess all recorded cultural resources and evaluate their condition monthly. Continue to assess/evaluate 22 recorded cultural resources.	Assess	Cultural Sites	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Compile reliable documentation for all recorded historic and archaeological resources. Update all Florida Master Site File forms on a biennial basis and update all restoration plans on a five-year cycle or as needed, ensuring cost estimates remain accurate and preservation practices align with current standards and staffing resources.	Compile	Documentation	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Expand the park's historical record by collecting oral histories from long-term staff and documenting administrative history.	Compile	Documentation	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Anna Lewis House	Cultural Resources	Documentation of Recorded Sites	Document the Anna Lewis House (El Retiro) and nominate it for inclusion in the Florida Master Site File to formally recognize its historical significance. Conduct a detailed survey of the house, including architectural features, construction history and association with Frank and Anna Lewis.	Conduct	Survey	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Anna Lewis House	Cultural Resources	Documentation of Recorded Sites	Compile archival research, photographs and relevant documentation to support the site record.	Compile	Documentation	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Anna Lewis House	Cultural Resources	Documentation of Recorded Sites	Submit the completed documentation to the Florida Master Site File for official recognition.	Compile	Documentation	Long-Term	RAE
Big Cypress	Koreahian Historic State Park	Anna Lewis House	Cultural Resources	Documentation of Recorded Sites	Maintain the house in a stable condition to support ongoing documentation and future preservation efforts.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Cultural Resources	Maintenance of Recorded Sites	Continue to maintain the structures and grounds of the historic settlement and repair as needed. Perform daily monitoring of the structures and landscapes within the historic settlement.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Koreahian Historic State Park	Parkwide	Cultural Resources	Maintenance of Recorded Sites	Determine if repairs are needed and consult with the Museum Curator, BNR and DNR.	Facilitate	Interagency Cooperation	Short-Term	RAE
Big Cypress	Koreahian Historic State Park	Monkey Puzzle Island	Cultural Resources	Maintenance of Recorded Sites	Monitor Monkey Puzzle Island for erosion.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Koreahian Historic State Park	New Store	Cultural Resources	Preservation Measures	Implement the full restoration of the New Store building within the next 10 years using the restoration plan on file.	Conduct	Restoration	Long-Term	RAE
Big Cypress	Lowers Key State Park	Management zone LV-06	Hydrology	Monitoring and Assessment	Assess the park's hydrological restoration needs. Conduct a hydrological assessment of tidal flow in management zone LV-06.	Assess	Restoration	Short-Term	RAE
Big Cypress	Lowers Key State Park	Black Island	Hydrology	Monitoring and Assessment	Assess options for a bathymetric study of the dredged canals around Black Island.	Assess	Water Quality	Short-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Hydrology	Monitoring and Assessment	Continue to cooperate with other state and federal agencies and independent researchers regarding hydrological research, assessments and monitoring programs.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Hydrology	Monitoring and Assessment	Cap all artesian wells at the park.	Cover	Artesian Well	Short-Term	\$10,000
Big Cypress	Lowers Key State Park	Parkwide	Hydrology	Erosion Monitoring	Continue to cooperate with federal, state and local agencies and researchers regarding monitoring and assessment of beach erosion.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Hydrology	Erosion Mitigation	Investigate and implement best management options for mitigation of shoreline erosion in areas currently experiencing erosion and areas at risk of erosion.	Conduct	Restoration	Short-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Hydrology	Erosion Mitigation	Assess options for shifting the trails along prioritized areas to reduce or prevent further upland impacts.	Assess	Restoration	Short-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Hydrology	Interagency Partnerships	Continue stakeholder engagement with federal, state and local agencies and researchers in planning and implementation of coastal projects that impact the parks.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Lowers Key State Park	Beach dune and coastal strand	Natural Communities	Restoration	Revegetate beach dune and coastal strand communities with native plant species following storm events.	Conduct	Restoration	Long-Term	RAE
Big Cypress	Lowers Key State Park	Mangrove swamp	Natural Communities	Restoration	Revegetate mangrove swamp communities with native plant species following storm events.	Conduct	Restoration	Long-Term	RAE
Big Cypress	Lowers Key State Park	Coastal dune lake	Natural Communities	Restoration	Revegetate the shorelines of 0.26 acres of coastal dune lake communities with native plant species following storm events.	Conduct	Restoration	Long-Term	\$20,000
Big Cypress	Lowers Key State Park	Parkwide	Imperiled Species	Inventory	Update baseline imperiled species occurrence inventory lists for plants and animals.	Update	Inventory	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Imperiled Species	Fauna	Continue to implement existing monitoring protocols for marine turtle species, piping plover, red knot, Wilson's plover, snowy plover, least tern, black skimmer and American oystercatcher.	Monitor	Flora	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Imperiled Species	Fauna	Monitor impacts on shorebird and sea turtle nesting by terrestrial nuisance predator species in the park.	Monitor	Fauna	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Imperiled Species	Fauna	Provide park visitor interpretation and outreach for shorebirds, seabirds and wading birds.	Develop	Signage	Mid-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Imperiled Species	Fauna	Continue existing monitoring protocols for gopher tortoise. Review and revise protocols as necessary to remain consistent with FWC and USFWS standards.	Monitor	Fauna	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Imperiled Species	Flora	Develop monitoring protocols for four selected imperiled plant species including inkberry, triangle cactus, shell mound prickly pear and Florida Keys blackhead.	Monitor	Flora	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Create a long-term invasive plant management plan for the park. Identify the major vectors and pathways for invasive plants at the park and reduce incoming propagules where possible.	Develop	Invasive Management Plan	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Regularly update surveys to reflect accurate infestation levels of each management zone.	Update	Survey	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop an early detection rapid response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Big Cypress	Lowers Key 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
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adapt to changing conditions.	Update	Plan	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 642 acres of habitat already in maintenance condition as needed. Survey all maintenance areas yearly for new infestations.	Conduct	Survey	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat areas where invasive plant spread is imminent (e.g., after prescribed fire, mechanical or other disturbance).	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce or maintain cover class on 7 acres not in maintenance. Survey and treat after prescribed fire for rapid spread of invasive species.	Conduct	Survey	Long-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Lowers Key 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
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Monitor and remove invasive or nuisance animals as needed.	Monitor	Invasive/Nuisance Animals	Continual	RAE
Big Cypress	Lowers Key State Park	Parkwide	Invasive Species	Invasive and Nuisance Animal Control	Coordinate with USDA, FWC, and park staff capable of management to develop control method plans of known non-indigenous/nuisance animals.	Facilitate	Interagency Cooperation	Continual	RAE
Big Cypress	Lowers Key State Park	Management zones LV-01, LV-09, LV-10	Cultural Resources	Condition Assessment	Monitor and assess two of four recorded cultural resources.	Assess	Cultural Sites	Continual	RAE
Big Cypress	Lowers Key State Park	Black Island Shell Midden (LV-01 and LV-03)	Cultural Resources	Preservation Measures	Bring one of four cultural sites into good condition. Conduct additional archaeological surveys on Black Island Shell Midden to further evaluate the mound prior to potential adverse effects from future storm events or implementation of shoreline protection measures.	Conduct	Survey	Long-Term	RAE
Big Cypress	Lowers Key State Park	Black Island Shell Midden (LV-01 and LV-03)	Cultural Resources	Preservation Measures	Design and implement a shoreline stabilization project for site LD1947 - Black Island Shell Midden.	Develop	Plan	Long-Term	\$8,000
Big Cypress	Mound Key Archaeological State Park	Parkwide	Imperiled Species	Inventory	Update baseline imperiled species occurrence inventory lists for plants and animals. Continue to update the imperiled species list for the park.	Update	Inventory	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Imperiled Species	Fauna	Complete a gopher tortoise survey at the park to assess overall population health.	Conduct	Survey	Continual	RAE

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 (RAE - Routine Agency Expense)
Big Cypress	Mound Key Archaeological State Park	Parkwide	Imperiled Species	Flora	Continue to monitor existing populations of iguana hackberry and establish survey and monitoring protocols for iguana hackberry, spiny hackberry and wild cotton	Monitor	Flora	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Create a long-term invasive plant management plan for the park. Identify the major vectors and pathways for invasive plants at the park and reduce incoming propagules where possible.	Develop	Invasive Management Plan	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Regularly update surveys to reflect accurate infestation levels of each management zone.	Update	Survey	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Develop an early detection rapid response protocol for new infestations.	Develop	Protocol	Short-Term	RAE
Big Cypress	Mound Key Archaeological 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
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Evaluate and update plan on an annual basis and adapt to changing conditions.	Update	Plan	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Monitor and maintain 118 gross acres of habitat already in maintenance condition as needed. Survey all maintenance areas yearly for new infestations.	Conduct	Survey	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat areas where invasive plant spread is imminent (e.g. after prescribed fire, mechanical or other disturbance).	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Reduce cover class on 9.8 acres not in maintenance. Survey and treat for rapid spread of invasive species.	Conduct	Survey	Long-Term	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Treat medium infestations with staff and volunteers where available.	Remove	Invasive Plants	Long-Term	RAE
Big Cypress	Mound Key Archaeological 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
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Document treatments and update surveys in DRP's Natural Resource Tracking System.	Update	Survey	Long-Term	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Invasive Species	Invasive Plant Treatment	Create a plan and treat royal poinciana across the island.	Develop	Plan	Short-Term	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Cultural Resources	Condition Assessment	Monitor and assess all the recorded cultural resources.	Monitor	Cultural Sites	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Cultural Resources	Documentation of Recorded Sites	Assess/evaluate and update the Florida Master Site File for two recorded cultural resources.	Update	Documentation	Continual	RAE
Big Cypress	Mound Key Archaeological State Park	Parkwide	Cultural Resources	Preservation Measures	Consult with the Division of Historical Resources on stabilization strategies for the cisterns.	Facilitate	Interagency Cooperation	Continual	RAE
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 Cheiqua 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 2,584 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, abandoned prickly-apple cactus and beautiful poppet)	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 11,589 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	Management Zone CC-10C	Natural Communities	Restoration	Assess the park's hydrological restoration needs.	Monitor/Assess	Hydrological Restoration	Mid-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Parkwide	Natural Communities	Restoration	Conduct habitat/natural community restoration activities on approximately three acres of former beach dune, coastal strand and mangrove swamp.	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.	Removal	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 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 81.1 gross acres of habitat already in maintenance condition as needed.	Monitor	Survey	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 invasive/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/Prioritizat	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 15 cultural sites into good condition.	Design and Implement	Cultural Sites	Long-Term	RAE
Charlotte Harbor	Cayo Costa State Park	Faunalier 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.	Mechanical Treatment	Understory	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/Prioritizat	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 Species	Invasive Plant Treatment	Reduce or maintain cover class on 106 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 invasive/nuisance animals to protect native species and habitats.	Manage and Coordinate	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 Surveys	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	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 DRP'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

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 (RAE - Routine Agency Expense)
Charlotte Harbor	Gasparrilla 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	Gasparrilla Island State Park	Parkwide	Imperiled Species	Fauna		Continue existing monitoring protocols for 10 selected imperiled animal species.	Implement protocols/Monitor/Provide visitor	Imperiled Animals	Continual	RAE
Charlotte Harbor	Gasparrilla 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	Gasparrilla 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	Gasparrilla Island State Park	Parkwide	Invasive Species	Invasive Plant Treatment		Monitor and maintain 27 gross acres of habitat already in maintenance condition as needed.	Survey/Treat/Document	Invasive Plants	Continual	RAE
Charlotte Harbor	Gasparrilla Island State Park	Parkwide	Invasive Species	Invasive Plant Treatment		Reduce or maintain cover class on 59 acres not in maintenance.	Survey/Treat/Document	Invasive Plants (after prescribed fire)	Continual	RAE
Charlotte Harbor	Gasparrilla 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	Gasparrilla 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	Gasparrilla Island State Park	Parkwide	Cultural Resources	Condition Assessment		Monitor and assess all recorded cultural resources.	Complete Assessments	Cultural Sites	Continual	RAE
Charlotte Harbor	Gasparrilla 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	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 Revisit/Improve 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 Mayten and Inkberry.	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 133 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 nuisance/invasive 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.	Conduct biennial site condition	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
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 swamp	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 flushing function to over 2.6 acres of mangrove swamps 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 swamp/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 swamp/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 acres (RNC mesic flatwoods) from those that can be managed as non-fire type (mesic hammock).	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 plant 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 3 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 tricolored bat.	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 air (Tillandsia atriculata) 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 adapt 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 special focus on determining monitoring limitations.	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 tegu, 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 (group (MA0311)) and two archaeological sites (MA0300, MA0302) 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 DHP's Bureau of Natural and Cultural Resources (BNCR) and DHR to create a plan for the stabilization and monitoring of the Harbor Key complex (MA0311).	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 Mariposa 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 in "excellent" condition (i.e., listed as "good" above) within two years.	Monitor	Cultural Sites	Continual	RAE

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 (RAE - Routine Agency Expense)
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-13, 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-20, 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 FMSF (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 revitalization 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 DWR and BNCR to develop a plan for Harbor Key Complex.	Facilitate	Interagency Cooperation	Mid-Term	RAE
Central Gulf	Terra Ceia Preserve State Park	Haley House and outbuildings (TC-01)	Cultural Resources	Preservation Measures	Consult with DHR and BNCR to evaluate Haley House and outbuildings for preservation and permanent use or removal.	Facilitate	Interagency Cooperation	Short-Term	RAE