DRAFT (8/20/14)

Caloosahatchee River Watershed Projects List

Information contained in this table reflects project data developed for the 2012 update of the Caloosahatchee River Watershed Protection Plan and information provided by local governments. The information has been updated to reflect project status as of summer 2014.

Project Phase has been categorized as: Near-term to reflect projects anticipated to be completed within the next 5 years, Long-term to reflect projects that are anticipated to be completed in 5 years or longer, and Ongoing to reflect activities that are anticipated to span both near- and long-term.

Category Projects which are located in or will affect more than one county have been categorized as Regional. The remaining projects are categorized as Local.

Agency reflects the principle agency(s) responsible for the implementation of the project.

Estimate Cost reflects the most current estimate provided by the agency and reflects the costs needed to complete the project.

Estimated Nutrient Removal is based on preliminary load reduction estimates from the 2012 CRWPP Update, modified as appropriate, or as provided by the agency. Unless otherwise noted, estimates for Nitrogen and Phosphorus removal are in metric tons per year.

Estimated Storage is described in acre-feet.

Caloosahatchee River Watershed Projects

CRWPP ID	Project/Activity	Description	Project Status	Phase	Category/ Agency	Estimated Cost	Estimated Nutrient Removal (mt/yr)	Estimated Storage (ac-ft)
CRE 04 CRE 05 CRE-LO 40	Lake Hicpochee North Hydrologic Enhancement Project	Historically, Lake Hicpochee was one of three lakes that were considered the headwaters of the Caloosahatchee River. The channelization of the Caloosahatchee River in the 1800's drained the lake and bisected it into two distinct parts, north and south. The objective of this project is to enhance the hydrology of Lake Hicpochee North with ancillary benefits of habitat restoration and water quality improvements. Phase I involves construction of a shallow storage feature on approximately 640 acres of land and construction of a spreader canal to deliver water to Lake Hicpochee North.	Design activities for Phase I are ongoing and construction is scheduled to begin by June 2015.	Short-term (Phase I)	Regional SFWMD	$17.2M	n/a	n/a
	Lake Hicpochee South Project	The purpose of this project is to enhance the hydrology of Lake Hicpochee South by redirecting storm water through upland and wetland areas rather than a canal. In 2008 a conceptual design report was completed that had a high implementation cost for the project. In 2013 a conceptual re-evaluation report was completed in cooperation with the Flaghole Drainage District and Hendry Hilliard Water Control District to refine portions of the 2008 report in order to integrate existing infrastructure where possible to maximize the cost-effectiveness of the project.	Unfunded.	Long-term	Regional TBD	$4,5000,000 (const.)	n/a	n/a
CRE 10	C-43 Water Quality Treatment and Demonstration Project (BOMA Property)	The objective of this project is to demonstrate and implement cost effective wetland-based strategies for reducing TN load, and other constituents including TP and TSS, to the Caloosahatchee River and its downstream estuarine ecosystems. Special attention will be given to reducing dissolved organic nitrogen (DON) as it constitutes the most abundant and recalcitrant form of TN in the Caloosahatchee River. This is a multi-phased project involving bioassays, mesocosms, test cells, and field-scale cells to test, optimize, and demonstrate wetland-based technology effectiveness ultimately leading to implementation of a full sized treatment facility. It is envisioned that information gained from this project will be applicable to other South Florida Systems.	In late 2012, a conceptual design for a testing facility was completed. Full engineering design and permitting of the testing facility is contingent upon funding. The District will be performing the bioassays in FY15 and 16, and is seeking a 319 stormwater grant funding for the mesocosms.	Long-term	Regional SFWMD, Lee County	$8,000,000	23% (TN min. reduction goal)	
CRE 11	Caloosahatchee Ecoscape Water Quality Treatment Area Project	Project consists of a constructed wetland designed for optimal removal of TN from the CRE and to reduce nutrient pollutant loading downstream.	Project was included in the Southwest Florida Comprehensive Watershed Plan (formerly Southwest Florida Feasibility Study), which is in the process of being completed; however, there has not been any additional design or funding work performed.	Long-term	Regional TBD		50.0 mt/yr TN 12.0 mt/yr TP	
CRE-W Res	C-43 West Basin Storage Reservoir Project	CERP component involves an above-ground reservoir (170,000 ac-ft capacity) located south of the CRE and west of the Ortona Lock (S-78); this will comprise a significant portion of total water storage requirement for the C-43 Basin.	In April 2011, a Record of Decision was issued by the USACE and an approved Project Implementation Report was submitted to the U.S. Congress. Project was authorized in June 2014. Funding to construct an interim project at the site was appropriated by the Florida Legislature in 2014.	Long-term	Regional State		97 mt/yr TN 8 mt/yr TP	170,000
CRE 13	West Caloosahatchee Water Quality Treatment Area Project	Project consists of a water quality facility to treat reservoir water to reduce nutrient concentrations from the CRE and nutrient pollutant loading downstream.	Project was included in the Southwest Florida Comprehensive Watershed Plan; however there has not been any additional design or funding. Possible project lands include the publicly owned parcels located outside of the footprint of the C-43 West Basin Storage Reservoir.	Long-term	Regional TBD		Unknown	
CRE 128	East Caloosahatchee Storage Project	Project includes constructing distributed reservoirs on 7,500 acres of private properties, with the potential to create 100,000 ac-ft of above ground storage.	Further study required to develop project(s).	Long-term	Regional TBD		69 mt/yr TN 5.2 mt/yr TP	

Caloosahatchee River Watershed Projects

CRWPP ID	Project/Activity	Description	Project Status	Phase	Category/ Agency	Estimated Cost	Estimated Nutrient Removal (mt/yr)	Estimated Storage (ac-ft)
CRE 128a	Caloosahatchee Storage – Additional Project	Project creates 50,000 ac-ft of aboveground storage in Caloosahatchee River Watershed.	Further study required to develop project(s).	Long-term	Regional TBD		58 mt/yr TN 4.3 mt/yr TP	
CRE 149	Northern Everglades – Payment for Environmental Services (NE-PES) Program	NE-PES solicitation is an innovative approach that allows cattle ranchers to deliver environmental services for water and nutrient retention. The goal is to establish relationships via contracts with private landowners to obtain water management services of water and nutrient retention to reduce flows and nutrient loads to Lake Okeechobee and the St. Lucie and Caloosahatchee rivers.	First solicitation: 8 projects under contract, none within the Caloosahatchee Watershed. Second solicitation: 2 projects are within the Caloosahatchee Watershed. The Mudge Ranch project, located in Glades County north of the Caloosahatchee River, is operational. The Babcock Property Holdings project, located in Charlotte County, is being negotiated.	Ongoing	Regional Dispersed Water Management SFWMD	$2,000,000 Both Projects Combined		1,610
CRE 150	Tape Grass (*Vallisneria americana*) Plantings Upstream of S-79 Project	District study helps reestablish viable tape grass seed stock for future populations in the upper CRE. The goal is to create a viable tape grass seed stock in the upper CRE; test two genetic strains of South Florida tape grass for survival, growth, and flower and seed production for two years; and determine how long enclosures need to remain in place to ensure survival.	In 2011, cages were monitored weekly in June and bimonthly in July and August; to date, cages are holding up well. The Lake Trafford plants/cages are showing significantly more growth at both sites compared to those in Lake Kennedy. In August, spread outside of the cages and new growth in the cages was observed at Site 2 for Lake Kennedy treatments. Additional planting and monitoring proposed for FY14-15.	Near-term	Regional SFWMD, Lee County			
CRE 152	Dispersed Water Management Water Farming Assessment	Utilize fallow/out-of-production citrus lands to store water and attenuate nutrients. To determine the overall feasibility of the water farming concept, information with respect to environmental benefits gained compared to the cost estimates associated with on-site construction, infrastructure improvements, environmental assessments, and facility maintenance needs to be evaluated.	The District entered into a cooperative agreement with Gulf Citrus Growers Association to assess the feasibility of water farming. The feasibility study was completed in December 2013. Funding for further implementation is not available at this time.	Near-term	Regional Dispersed Water Management SFWMD	TBD		TBD
CRE 153	Dispersed Water Management Interim Sites	Parcels scheduled to become regional restoration projects present an opportunity to provide water retention through interim, low-cost alterations to the existing surface water management systems. These parcels would then provide an interim role of contributing to the watershed restoration effort while the final designs are completed and approved. If the public lands are being leased, then water management strategies will be jointly developed with the lessees to reduce discharges while not adversely affecting flood protection (including adjacent properties) and water quality.	Interim lands in the Caloosahatchee Watershed include BOMA and C-43 reservoir site.	Ongoing	Regional Dispersed Water Management SFWMD	$700,000		1,316
CRE-LO 41	C-43 Distributed Reservoirs Project	Project involves storage reservoirs to capture excess runoff.	Further study required to develop project(s).	Long-term	Regional TBD		39.4 mt/yr TN 2.6 mt/yr TP	
	Charlotte Harbor Flatwoods Initiative	The Charlotte Harbor Flatwoods Initiative is a multi-phased regional hydrologic restoration effort with the overall goal to restore historic flows to Charlotte Harbor. The initiative will improve water quality, reduce flooding, provide groundwater recharge, and enhance fish and wildlife habitat. The project area includes five watersheds encompassing approximately 90 square miles.	Potential land acquisition of 670 acres in 2014 in conjunction with I-75 improvements. Acquisition will create storage for wet season runoff from Cecil Webb WMA for discharge to Yucca Pens WMA.	Long-term	Regional Multiple			

Caloosahatchee River Watershed Projects

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	Babcock Ranch Preserve Water Storage Project	Project purpose is to reduce stormwater runoff to the Caloosahatchee River originating from approximately 4,220 acres of watershed located in the southwest portion of the Babcock Ranch State Preserve. The project consists of improving existing berms, constructing new berms, modifying existing water control structures and installing new water control structures.	Design to be conducted in FY14/15.	Near-term	Regional TBD	$1,200,000 (des. & const.)		1,500
CRE 44	Four Corners/Spanish Creek Initiative	Initiative between the SFWMD, Lee and Hendry counties to develop regional approaches for improving water quality and water storage in the Caloosahatchee River Watershed. There are two current initiative components: (1) Spanish Creek Restoration to create wetland flow-ways within existing citrus fields to rehydrate the Ruby Daniels Preserve, Bob Jane's Preserve, and Spanish Creek; and (2) Jacks Branch (County Line Ditch) to improve the County Line Ditch by widening the ditch and providing weirs for increased water storage and treatment. This project has a second phase which will help to restore the natural sheet flow and possibly impound water within the abandoned farm fields to allow aquifer recharge, reduce high flows in a manmade ditch (Lighter Canal) during the wet season, and filter excess nutrients from Charlotte County before entering the Caloosahatchee River and ultimately the Charlotte Harbor.	Phase I Bob Janes Preserve complete; Phase II involving additional restoration of farm fields requires additional funding. Design and acquisition of land is required to construct flowway to complete rehydration of Spanish Creek. Hendry County improvements have been designed and project is waiting funding to construct. Could be constructed in conjunction with Babcock Ranch Preserve Project.	Near-term	Regional Lee County, Hendry County	Lee County: $14,800,000 (acq. des. const.) Hendry County $ (const.)		
	SR 29 Improvements	Additional stormwater improvements to be incorporated into SR 29 road improvements located between the City of LaBelle and US 27.	Project in design. Construction anticipated within next 5 years.	Near-term	Regional FDOT			
CRE-LO 01,02,49	Agricultural BMPs – Owner Implemented, Funded Cost-Share, and Cost-Share Future Funding	Implements agricultural BMPs and water quality improvement projects to reduce the discharge of nutrients from the watershed.	Total agricultural acreage in the Caloosahatchee Watershed is approximately 476,568 acres. Approximately 71 percent of this acreage is enrolled in owner implemented BMPs and have cost-share type BMPs in place. Goal is 100% coverage	Ongoing	Regional Source Control DACS			
CRE-LO 03 CRE-LO 05 CRE-LO 63	Urban BMPs: Urban Fertilizer Rule [Lake Okeechobee Estuary and Recovery (LOER)] & Florida Yards and Neighborhoods Program	The Urban Fertilizer Rule is an FDACS rule that regulates the content of phosphorus and nitrogen in urban turf fertilizers to improve water quality. The Florida Yards and Neighbors Program provides education to citizens by promoting land use designs to minimize pesticides, fertilizers, and irrigation water.	Since 2009, the UF/IFAS Florida Yards and Neighborhood Program has expanded from a homeowner approach to cover a broader audience (e.g., builders, developers, architects).	Ongoing	Regional Source Control Multiple			
CRE 21	Hendry County Storage Project	Project includes land acquisition for additional stormwater storage and treatment in the wet season and to provide base flows for ECWCD's outfalls along with additional groundwater recharge in the dry season.	Project was included in the ECWCD FY2010-FY2014 Capital Improvement Plan. ECWCD has three sites under consideration: Cornerstone, Tri-County Mine 3, and Duda property. No funding at this time	Long-term	Local ECWCD		2.72 mt/yr TN 0.68 mt/yr TP	
CRE 22	Hendry Extension Canal Widening Project	Project provides additional water quantity storage within existing canal right-of-way to help provide more stormwater storage in the 5.5 mile section of Hendry Extension Canal.	Project permitted and designed, construction projected in FY2015. FDOT providing funding through SR82 expansion.	Near-term	Local ECWCD	$6,000,000 (const.)	0.36 mt/yr TN 0.1 mt/yr TP	190

Caloosahatchee River Watershed Projects

CRWPP ID	Project/Activity	Description	Project Status	Phase	Category/ Agency	Estimated Cost	Estimated Nutrient Removal (mt/yr)	Estimated Storage (ac-ft)
	Lehigh Wetland Restoration	Undeveloped lots will be purchased to restore remnant wetlands through the construction of one weir. Project is approximately 710 acres located in the Greenbriar Swamp area.	Funding needed to initiate the project.	Long-term	Local Multiple	$70,000,000 (acq. des. & const.)	0.34 mt/yr TN 0.10 mt/yr TP	1,500
CRE 29	Lehigh Acres Wastewater Treatment and Stormwater Retrofit Project	Project involves installing stormwater treatment features in Lehigh Acres, updating current stormwater management system, and converting high-density septic tanks to centralized wastewater treatment. Includes the conversion of 12,666 septic tank systems to central sewer.	Nearly 100 single family homes in Lehigh Acres have been connected to the centralized wastewater treatment plant since 2009. Project requires funding to continue.	Ongoing	Local Multiple	$197,238,350 (sewer component)	48.66- 87.59 mt/yr TN	
CRE 30	Aquifer Benefit and Storage for Orange River Basin (ABSORB) Project	Project involves increasing stormwater storage capacity and groundwater recharge in the Southwest area of Lehigh Acres by constructing 27 weirs. This project is estimated to reduce discharges to the Caloosahatchee River (via the Orange River) by an estimated 800-1,200 acre-ft.	Project is designed and permitted. Scheduled to begin construction by the end of 2014. Partial funding is in place (FDEP $1.2m) and the rest is being worked on with an agreement from FDOT for the SR 82 widening project.	Near-term	Local ECWCD	$2,400,000 (const.)	3.72 mt/yr TN 0.37 mt/yr TP	800-1,200
CRE 64	Yellow Fever Creek/Gator Slough Transfer Facility Project	Project involves the hydrologic restoration of the historical flows to the headwaters of Yellow Fever Creek. Project includes the construction of an interconnection facility between Gator Slough Canal and Yellow Fever Creek to transfer surface waters during high flow. Flows are currently intercepted by Gator Slough Canal and redirected to Matlacha Pass.	Conceptual design is complete. Permitting to begin in FY15 pending further coordination between Lee County and City of Cape Coral.	Near-term	Local Lee County Cape Coral	$671,000 (design & cons.)	0	0
CRE 69	Cape Coral Wastewater Treatment and Stormwater Retrofit Project	City of Cape Coral project that is part of overall program to convert septic systems to gravity sewers and replace older stormwater inlets with newer inlets designed to assist storm water.	Project on-going. Next scheduled area is located in Northwest Sector outside of Caloosahatchee watershed.	Long-term	Local Cape Coral		27 mt/yr TN 5.4 mt/yr TP	
CRE 77	Cape Coral Canal Stormwater Recovery by Aquifer Storage and Recover (ASR) Project	Project uses ASR wells in Cape Coral to overcome water shortfall in the dry season and provide flood attenuation in the wet season.	Three ASR wells were constructed in 2007; however, cycle testing has not started and construction of pumping stations and associated connections is not anticipated until 2015 due to budgetary constraints.	Long-term	Local Cape Coral		4.13 mt/yr TN 0.82 mt/yr TP	
CRE 121	City of LaBelle Stormwater Master Plan Implementation	Project includes stormwater conveyance and water quality storage improvements in the City of LaBelle.	The C-5 portion of the city's 2004 Master Stormwater Plan was completed in 2010. These stormwater management improvements included retrofitting stormwater catch basins and adding vegetative swale treatment. Funding required to continue design and construction of additional projects.	Ongoing	Local LaBelle		34.8 mt/yr TN 5.8 mt/yr TP	
CRE 122	Mirror Lakes Storage/Rehydration Project	Multi-phase project intended to rehydrate Mirror Lakes (aka Halfway Pond), reduce peak flow discharges to the Orange River, and restore flows to the headwaters of the Estero River.	Phase I (rehydrate Mirror Lakes) completed October 2012 to include a pump station and approximately 1,000 acre-ft of storage. Phase II and III involves moving water south under SR 82, and is in the planning and preliminary design stage.	Long-term	Local ECWCD FDOT SFWMD	Phase II: $300,000 (const.) Phase III: TBD	Phase II & III: 0.24 mt/yr TN 0.03 mt/yr TP	100-500
CRE 123	North Ten Mile Canal Stormwater Treatment System Project	Project provides stormwater storage/detention for an urban and commercial area with the City of Ft. Myers.	FDEP permit is being reviewed for a modification. Project scheduled to begin in next five years	Near-term	Local Ft. Myers	$4,500,000	0.82 mt/yr TN 0.33 mt/yr TP	

Caloosahatchee River Watershed Projects

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CRE 125	Shoemaker-Zapato Canal Stormwater Treatment Project	Project includes installing weir/control structures to increase channel storage and provide peak flow attenuation, and also to reduce erosion and siltation into Billy Creek.	Additional study required	Long-term	Local Ft. Myers		0.54 mt/yr TN 0.14 mt/yr TP	
CRE 126	Fort Myers-Cape Coral Reclaimed Water Interconnect Project	Project includes installing a 20-inch diameter transmission line from Fort Myers Treatment Plant to Cape Coral Reclamation Treatment Plant; this is intended to help prevent discharging 9 mgd treated water into the CRE.	The feasibility study completed in 2010 found that constructing a disposal well was a less expensive near-term option; however, project is still desirable as a long-term option. Legislative funding for additional study was appropriated for FY14-15.	Long-term	Local Cape Coral Ft. Myers			
CRE 139	Ford Canal Filter Marsh (Ford Street Preserve) Project	City of Fort Myers project creates a filter marsh to improve overall quality of storm water discharging into Billy Creek; marsh is intended to work collectively with other treatment areas along Billy Creek and its tributaries. Project creates a treatment marsh designed to divert and treat low flows from low-level rain events using a diversion weir.	Phase 1 complete, Phase 2 awarded with construction to begin in August 2014 and Phase 3 is being permitted.	Near-term	Local Ft. Myers	$2,000,000	0.54 mt/yr TN 0.21 mt/yr TP	
CRE 135	Hickey Creek Canal Widening Project	Project includes canal widening and construction of littoral zones along three miles of Hickey Creek Canal to increase storage, provide water quality treatment, and enhance habitat.	Project is designed and permitted. Construction is waiting on funding and a project source to take the fill material removed.	Near-term	Local ECWCD		0.2 mt/yr TN 0.05 mt/yr TP	420
CRE 140	Fichter's Creek Restoration Project	Project provides ecosystem restoration through hydrologic and water quality improvements in Fichter's Creek, and provides flood protection for neighboring areas; components include 3.2 acres of lakes, three dry detention areas (7.1 acres), culvert installation/ replacement, filter marsh creation, and berm work.	Project has been permitted; construction is planned to begin in FY16.	Near-term	Local Lee County	$1,400,000 (const.)	0.09 mt/yr TN 0.02 mt/yr TP	6
CRE 141	Winkler Canal Treatment Marsh Project	Project creates a treatment marsh designed to divert and treat low flows from low-level rain events using a diversion weir.	Project has been permitted but is on-hold pending funding for land acquisition.	Long-term	Local Ft. Myers		0.2 mt/yr TN 0.08 mt/yr TP	
CRE 142	Harns Marsh Improvements – Phase III (West Marsh) Project	Project involves an existing 578-acre ECWCD stormwater treatment facility. Phase III includes designing the West Marsh (additional 202+/- acres) to expand the marsh treatment facility. This will reduce freshwater discharges to the Caloosahatchee River (via the Orange River) and provide water quality treatment. The project will also include restoration of the flood plain, as well as a passive recreational park for the public (to be built & operated by Lee County Parks Department).	Design being completed and getting ready to submit for permitting.	Near-term	Local ECWCD	$6,000,000	0.91 mt/yr TN 0.24 mt/yr TP	400-800
CRE 143	Greenbriar Preserve Project	Project involves modifications within Greenbriar Swamp and to the connecting canal/swale system to increase surface water connectivity and storage within the swamp, thereby reducing freshwater discharge to the Caloosahatchee River (via Hickey's Creek).	Project is included in the ECWCD FY2014-FY2018 Capital Improvement Plan; project has been recently permitted.	Near-term	Local ECWCD		1.45 mt/yr TN 0.36 mt/yr TP	600
CRE 144	Section 10 Storage Project	Project includes modifying an existing mine pit to allow for additional surface water storage in the ECWCD Water Management System; also, includes improvements to the connecting canals, control structures, and a pump station.	Requires land acquisition	Long-term	Local ECWCD	$6,500,000	1.63 mt/yr TN 0.41 mt/yr TP	1,200

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CRE 147	Nalle Grade Stormwater Park Project	Lee County project proposes to restore/modify an existing degraded marsh system and design a stormwater retention facility to minimize flooding in the Bayshore Creek Watershed; ancillary benefits include restoration of hydrology, enhanced water quality and wildlife habitat, flood relief, and water conservation.	Project is in design and permitting. $500,000 in Legislative funding was appropriated. Construction is scheduled to begin in 2016.	Near-term	Local Lee County	$3,300,000 (design & cons.)	0.54 mt/yr TN 0.14 mt/yr TP	
	Sunniland/Nine Mile Run Drainage Improvements	Project involves the restoration of historical flows to Buckingham Trails Preserve. Consists of the rehydration of the preserve through the removal of manmade alterations to correct the natural sheetflow and hydrology.	Project design scheduled during FY14/15 with construction in FY15/16.	Near-term	Local Lee County	$50,000 (acq.) $100,000 (des.) $300,000 (con.)		
	Fruit Streets Drainage Improvements	Design and construct drainage swales to reduce sedimentation and provide nutrient removal	Project to begin in FY2015.	Near-term	Local Ft. Myers	$555,750		
	Marvaez Drainage Improvements	Construct drainage improvements to reduce sedimentation and provide nutrient removal	Project to begin in FY2014.	Near-term	Local Ft. Myers	$240,000		
	Hibiscus Drive and Plumosa Drive Drainage Improvements	Design and construct drainage swales to reduce sedimentation and provide nutrient removal	Project to begin in FY2014.	Near-term	Local Ft. Myers	$400,000		
	Billy Creek Vegetation Restoration	Restoration of native vegetation	Project is permitted and funded. Construction to begin in September.	Near-term	Local Ft. Myers	$150,000		
	Billy Creek Restoration Dredging	Removal of exotic vegetation and dredging of Creek	Project is permitted. Project to begin in FY2016.	Near-term	Local Ft. Myers	$680,000		
	Lee-Charlotte County Border Area Hydrologic Improvement	This project will manage surface water to reduce flooding of residential areas, increase water storage and use of natural systems as conveyances, reduce discharges to the Caloosahatchee River and improve water quality. It will involve the plugging of ditches and removal of berms and flow impediments.	A conceptual design study is required.	Near-term	Local Lee County	$3,000,000 (design & cons.)	TBD	TBD
	Hydrologic Restoration of Caloosahatchee Creeks Preserve	The project area is a former marsh that was disturbed when covered with fill during the dredging of the Caloosahatchee River in the 1950s. The project will cut a meandering stream channel through the spoil in the location near a historic channel and rehydrate former wetlands. The project will provide ecological benefits for listed species and will also act as a filter for the water flowing from North Fort Myers via an artificial ditch. Water will spend time on the preserve rather than discharging directly into the Caloosahatchee River, thus restoring a more natural water flow and reducing nutrient loading.	The project has been designed and permitted.	Near-term	Local Lee County	$650,000 (cons.)		
	Hydrologic Restoration of Telegraph Creek Preserve	This project will help to restore the natural sheet flow from the 800-acre palmetto prairie and wet prairie/hydric flatwoods system into Telegraph Creek where ditches were installed by previous owners to help drain this portion of the preserve. Geowebbing and/or culverts will be installed along existing management trails that are eroding into the creek. The existing swale where the water formerly would have flowed to the creek will be graded and cleaned out. The washouts will be recontoured and plantings will be installed to reduce further soil erosion into the creek.	The project requires further design.	Near-term	Local Lee County	$500,000 (cons.)		

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	Hydrologic Restoration of Six Mile Cypress Slough Preserve - North	The historical site hydrology and ecosystem have been significantly altered. Water from potions of the preserve has been diverted north into the Orange River, rather than south into Six Mile Cypress Slough. Restoration of historic flows could benefit Six Mile Cypress Slough and reduce the amount of water flowing into the Orange River and ultimately the Caloosahatchee River.	Phase I, the impoundment, is permitted and will undergo construction during 2014. Additional construction funds will be needed to complete the project phase. Phase II, the rehydration of the western cypress dome, is being permitted and will be constructed with financial help by the Florida Department of Transportation. Phase III, will require the design, permitting and construction of a flowway which will bring water to Phase 1 of the project.	Near-term	Local Lee County	$1,000,000		
	Caloosahatchee River Floating Aquatic Vegetative Tilling (FAVT) System	Project involves the construction of a FAVT wetland for soluble P uptake and filtering of particulate P, as well as a back-end submerged aquatic vegetation (SAV) pond that would remove the particulate P still remaining in the water. The system would receive water from both the Caloosahatchee River and local agricultural runoff that is destined for the River. The treated outflow water would be returned to the River. A ~523 acre FAVT system located on ranch-land located within the Hilliard Drainage District was funded in FY2014.	Construction of the Hilliard Drainage District FAVT was completed in June 2014. Operation and maintenance beginning July 2014. Legislative funding was appropriated for additional FAVTs in FY14-15.	Near-term/Ongoing	Local Various	$3 million for Construction $2 million for O&M	21 mt/yr TN 6.5 mt/yr TP	
	Stumper Jumper Ranch Land Acquisition	Project involves the acquisition and restoration of 149 acres of disturbed land located within the Spanish Creek watershed in northeast Lee County. Project would provide flood protection, enhanced water quality and improved habitat within the watershed.	Project design and acquisition required. Former Lee County Conservation 20/20 nomination.	Near-term	Local Lee County	$1,482,250 (acq.)		
	Moore Haven Canal Dredging	Deepening and widening of Moore Haven Canal. Will provide sediment reduction, an increase in wetland habitat, and water quality benefits to the Caloosahatchee River	State and federal permits have been approved. Partially funded in FY13-14.	Near-term	Local Glades County	$12,000,000		
	Ranch Lakes Estates Central Sewer Project	Septic tank conversion to central sewer located at Ranch Lakes Estates in Moore Haven. This project will reduce nutrient loading to the Caloosahatchee Basin.	The wastewater improvement project includes, but is not limited to, the preliminary engineering services, design, permitting and construction of additional gravity sewer collection system in the Moore Haven downtown and Ranch Lakes Estates area adjacent to the Caloosahatchee River to homes now served by individual private old and failing septic systems.	Ongoing	Local Glades County	$350,000		
	Ft. Myers Central Sewer Expansion	Septic tank conversion to central sewer to reduce nutrient loading in the watershed and expand reclaimed water from 6 MGD to 11 MGD. The project area is located within the city limits east of I-75.	The project is tentatively scheduled for FY 2016-2017 based on funding availability	Ongoing	Local Ft. Myers	$11,000,000		
CRE 01	Recyclable Water Containment Areas (RWCA) Project	Project utilizes agricultural lands for reducing nutrient loads into the CRE.	Project was included in the Southwest Florida Comprehensive Watershed Plan (formerly Southwest Florida Feasibility Study), which is in the process of being completed; however, there has not been any additional design or funding.	Long-term	Local TBD		67.5 mt/yr TN 14.3 mt/yr TP	
CRE 02	Centralized Recycled Water Containment Area in the S-4 Basin Project	Project uses agricultural or other lands to provide temporary storage, remove nutrients, and treat agricultural stormwater runoff from the S-4 Basin, which will help reduce nutrient loading to the CRE, provide aquifer recharge, and add a temporary back-up water supply for irrigation.	Project was included in the Southwest Florida Comprehensive Watershed Plan (formerly Southwest Florida Feasibility Study), which is in the process of being completed; however, there has not been any additional design or funding.	Long-term	Local TBD		11.9 mt/yr TN 2.41 mt/yr TP	