

Appendix C: Surface Water BMAPs for Nutrients

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Introduction

Other BMAPs not in the OFS or NEEPP groups that address nutrient impairments are included in the Surface Water BMAPs for Nutrients group. The tables in **Appendix C** list the implementation status of the BMAP projects as of December 31, 2017. The tables list the impairment reduction (in lbs/yr) attributable to each individual project. These projects were submitted to provide reasonable assurance to DEP that each entity has a plan on how to meet its nutrient reduction obligation, as assigned. However, the list of projects is meant to be flexible enough to allow for changes that may occur over time. During the annual review of BMAP implementation efforts, project-specific information may be revised and updated, resulting in changes to the estimated reductions for those projects. The revisions may increase or decrease estimated reductions, and DEP will work with stakeholders to address revisions as they are identified. For BMAPs in **Appendix C**, DEP works in collaboration with South Florida Water Management District (SFWMD), St. Johns River Water Management District (SJRWMD), and Southwest Florida Water Management District (SWFWMD).

The project status column is standardized into the following four categories:

- **Canceled:** Project or activity that was planned but will no longer take place. This includes the cessation of ongoing activities.
- **Completed:** Project, activity or task that is finished. This includes fully implemented activities (i.e., ongoing activities) that must continue indefinitely to retain assigned credits (such as street sweeping, BMP clean out, catch basin clean out, public education, fertilizer cessation/reduction and vegetation harvesting).
- **Planned:** Project or activity that is conceptual or proposed.
- **Underway:** Project or activity that has commenced or initiated but is not completed and is not yet reducing nutrient loads from the treated area.

Prior to reporting project information, DEP contacts each lead entity to gather new information on projects and confirm previously reported information. The terms used throughout the project tables are defined as follows:

- **Not provided:** Information was requested by DEP but was not provided by the lead entity.
- **TBD:** To be determined. Information is not currently available but will be provided by the stakeholder when it is available.
- **N/A:** Not applicable. Information for that category is not relevant to that project.
- **0:** Zero. The numeric value for that category is zero.

These project tables are based on current information, and as further information becomes available project details may be updated. It is noted that while FDOT submits project information, there is no specific cost breakdown for water quality improvement projects, which are embedded into and implemented as part of larger transportation projects adopted in its Five-Year Work Program, pursuant to Section 339.135, F.S.

The management strategies in **Appendix C** are ranked with a priority of high, medium, or low. In 2016, the Florida Legislature amended the FWRA (Section 403.067, F.S.), creating additional requirements for all new or revised BMAPs. BMAPs must now include planning-level details for each listed project, along with their proposed priority ranking for implementation and funding needs.

Project status was selected as the most appropriate indicator of a project's priority ranking based primarily on need for funding. Projects with a "completed" status were assigned a low priority. Projects classified as "underway" were assigned a medium priority because some resources have been allocated to these projects, but additional assistance may be needed for the project to be completed. High priority was assigned to projects listed with the project status "planned" as well as certain "completed" projects that are ongoing each year (any project with one of these project types: "street sweeping," "catch basin inserts/inlet filter clean out," "public education efforts," "fertilizer cessation," "fertilizer reduction," or "aquatic vegetation harvesting"), and select projects that are elevated because substantial, subsequent project(s) are reliant on their completion.

Everglades West Coast (EWC) BMAP

Background

The EWC Basin is the 55,469-acre watershed composed of the Hendry Creek and Imperial River Basins, which drain into Estero Bay in the Western Everglades area (**Figure C-1**). Estero Bay proper is a shallow, subtropical lagoon with a watershed of 11,317 acres and is separated from the Gulf of Mexico by barrier islands. Hendry Creek is in the southwest part of Lee County, 3 miles south of the City of Ft. Myers and 3 miles southeast of the City of Cape Coral. It flows south for 6 miles into north Estero Bay and drains a watershed of 15.35 square miles. The Imperial River Watershed covers 14,784 acres, of which 4,416 acres are surface waters. Oak Creek and Leitner Creek flow into the upstream portion of the Imperial River.

DEP identified the Hendry Creek and Imperial River as impaired for DO. In August 2008, DEP adopted the Hendry Creek and Imperial River TMDLs, which established reduction targets for TN for the basins. The EWC BMAP was adopted in November 2012 to implement the TN TMDLs.

Status of Projects

Through December 31, 2017, in the Hendry Creek Basin, 9 projects were completed. The projects completed to date are estimated to achieve total reductions of 6,917 lbs/yr of TN, or 67 % of the reductions needed to meet the TN TMDL. In the Imperial River Basin, 19 projects were completed. The projects completed to date are estimated to achieve total reductions of 15,733 lbs/yr of TN, or 26 % of the reductions needed to meet the TN TMDL.

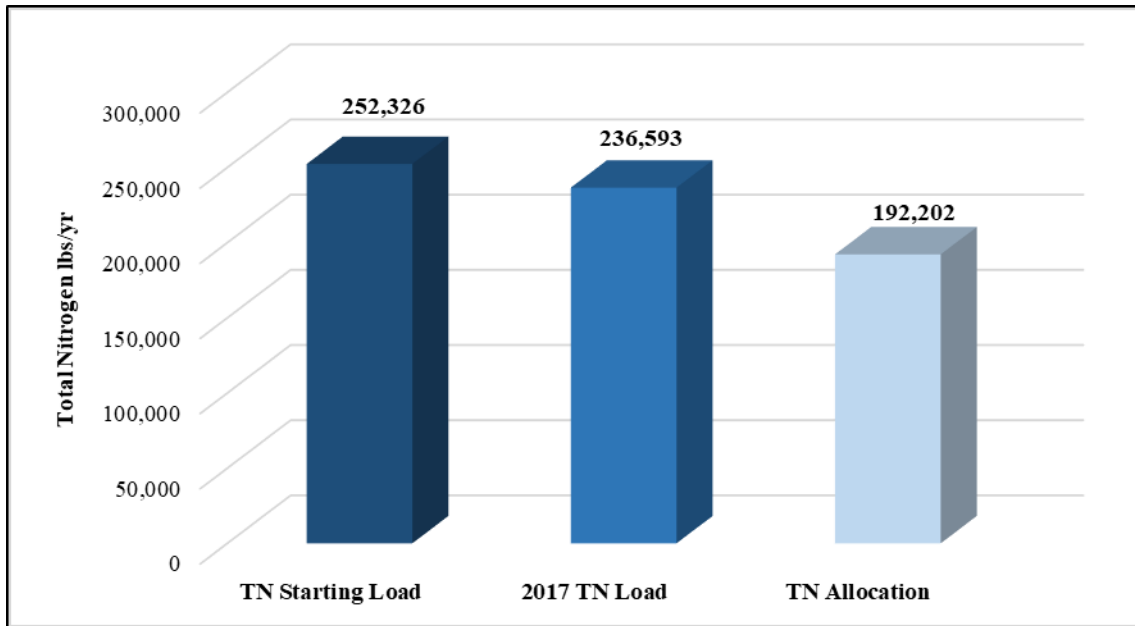


Figure C-1. Estimated progress toward meeting the portion of the EWC TMDL allocated to Imperial River. Reductions are associated with projects completed through December 31, 2017.

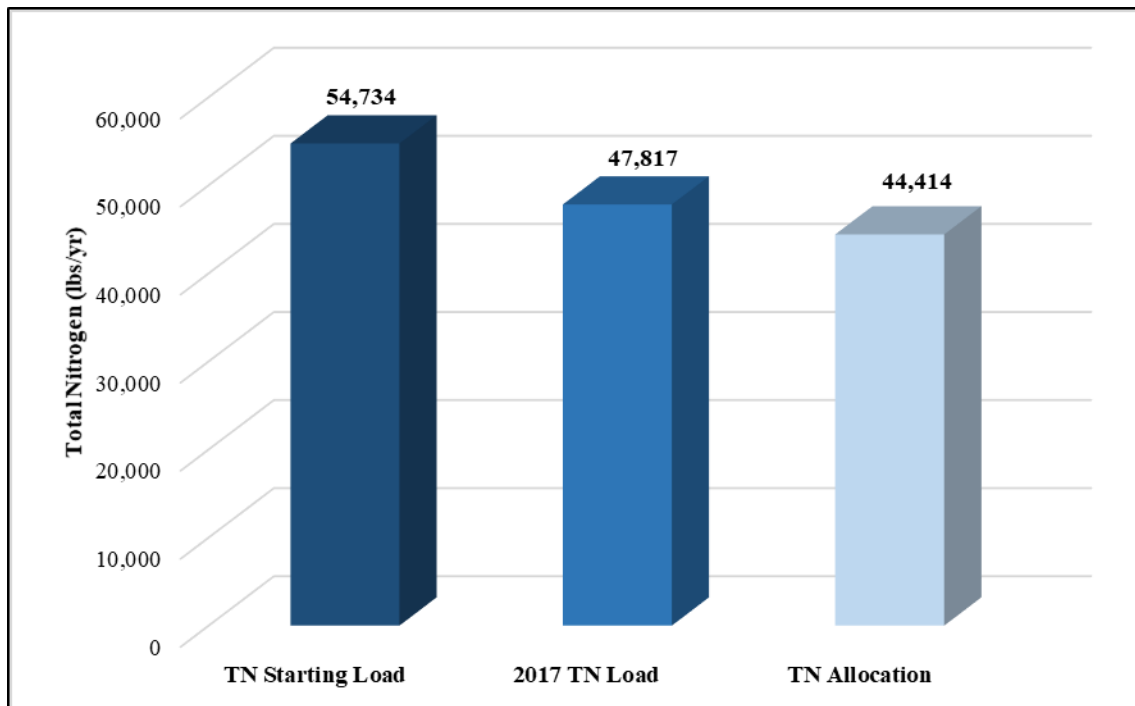


Figure C-2. Estimated progress toward meeting the EWC TMDL allocated to Hendry Creek. Reductions are associated with projects completed through December 31, 2017.

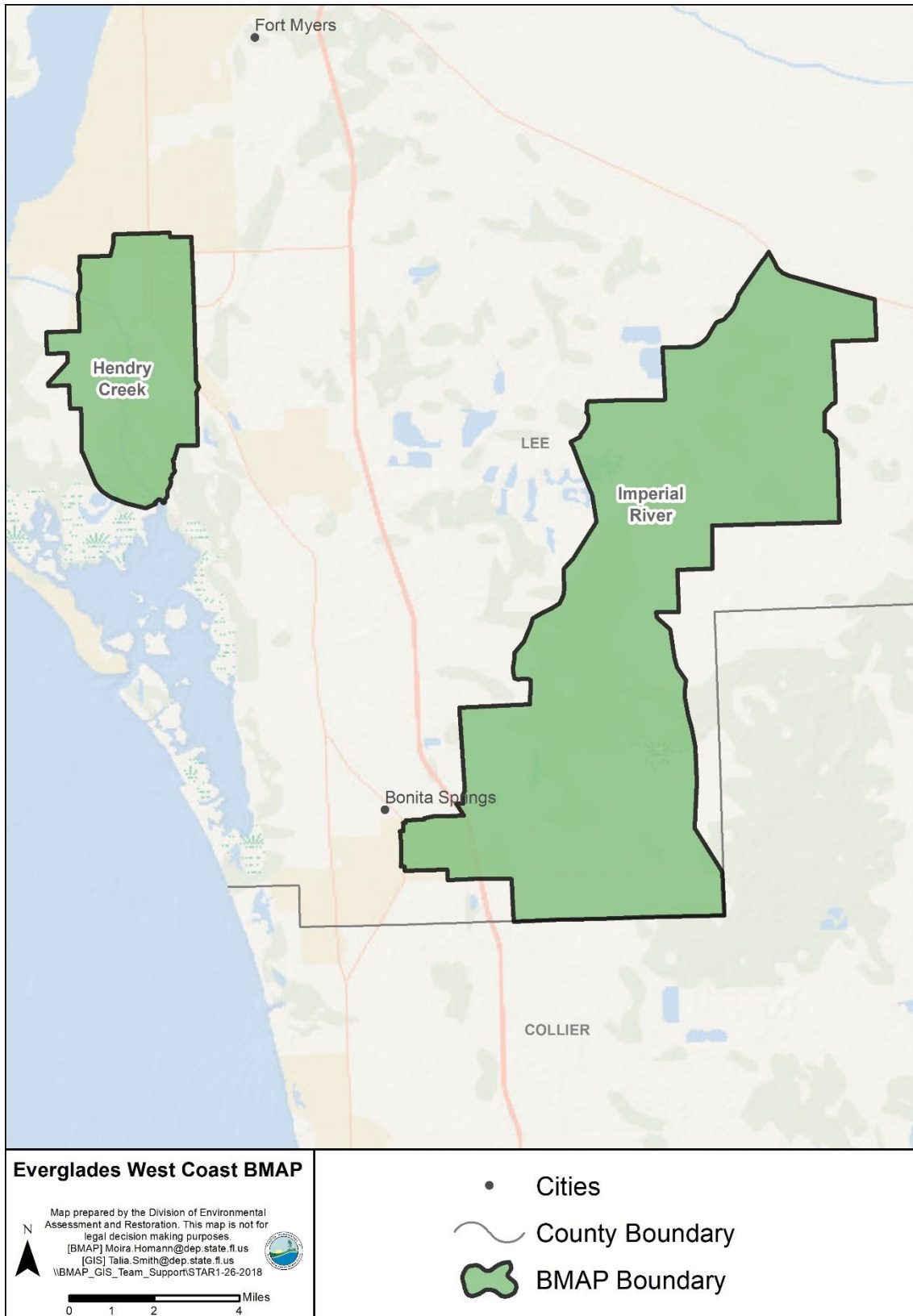


Figure C-3. EWC BMAP area

Table C-1. EWC BMAP projects

Lead Entity	Partners	Project Number	Project Name	Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Bonita Springs	N/A	BS-01	Fertilizer Ordinance	Ordinance.	Regulations, Ordinances, Guidelines	Completed	Not provided	696	0	Imperial River	N/A	N/A	N/A	City	N/A	N/A
City of Bonita Springs	N/A	BS-02	FYN Program	Education program using FYN Program.	Education Efforts	Underway	N/A	835	0	Imperial River	N/A	Not provided	\$3,000	City	Not provided	N/A
City of Bonita Springs	N/A	BS-03	Old 41 Catch Basin Inserts	Catch basin inserts.	Catch Basin Inserts/Inlet Filter Clean Out	Canceled	N/A	N/A	N/A	Imperial River	N/A	N/A	N/A	N/A	N/A	N/A
City of Bonita Springs	N/A	BS-04	Residential Dry Detention	Dry detention.	Dry Detention Pond	Completed	Not provided	1	0	Imperial River	4	Not provided	Not provided	City	Not provided	N/A
City of Bonita Springs	N/A	BS-05	Morton Ave. Swales	Dry retention.	Grass Swales with Swale Blocks or Raised Culverts	Completed	Not provided	212	0	Imperial River	26	Not provided	Not provided	City	Not provided	N/A
City of Bonita Springs	N/A	BS-06	Marni Fields	Dry detention.	Dry Detention Pond	Completed	Not provided	6	0	Imperial River	16	Not provided	Not provided	City	Not provided	N/A
City of Bonita Springs	N/A	BS-07	Felts Ave. Stormwater Treatment	Dry detention.	Dry Detention Pond	Completed	Not provided	258	0	Imperial River	31	Not provided	Not provided	City	Not provided	N/A
City of Bonita Springs	N/A	BS-08	Street Sweeping	Monthly street sweeping.	Street Sweeping	Underway	N/A	161	103	Imperial River	N/A	Not provided	\$22,000	City	Not provided	N/A
City of Bonita Springs	DEP/ SFWMD	BS-09	Felts Ave. Bioreactor Project	Use wood chips in anaerobic environment to strip nitrogen from incoming stormwater. 40-ac watershed will be treated on 2-ac site on Felts Ave.	BMP Treatment Train	Completed	2017	Not provided	Not provided	Imperial River	40	\$623,389	Not provided	DEP/ SFWMD/ City	Not provided	SO772
City of Bonita Springs	Lee County	BS-10	Pine Lake Preserve Rehydration Project	Joint project with Lee County to rehydrate and reestablish hydraulic connectivity between Imperial River and undisturbed Corkscrew Regional Ecosystem Watershed (CREW) wetlands east of preserve on Corkscrew Swamp.	Hydrologic Restoration	Underway	TBD	TBD	TBD	Imperial River	173	Not provided	Not provided	City	Not provided	N/A
City of Bonita Springs	N/A	BS-11	Downtown Redevelopment Drainage Project	Created 2 mi of interconnected drainage	BMP Treatment Train	Completed	2016	Not provided	Not provided	Imperial River	83	\$6,330,000	Not provided	City	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				infrastructure to improve water quality through use of exfiltration trenches. Project provides 8.84 ac-ft of exfiltration storage.												
City of Bonita Springs	N/A	BS-12	Septic System Removal	Conversion of septic systems to central sewer.	Wastewater Service Area Expansion	Completed	2016	912	Not provided	Imperial River	N/A	\$17,205	Not provided	City	Not provided	N/A
FDACS	Agricultural Producers	FDACS-01	BMP Enrollment	Agricultural BMPs – Hendry Creek	Agricultural BMPs	Completed	2016	78	N/A	Hendry Creek	31	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Agricultural Producers	FDACS-02	BMP Enrollment	Agricultural BMPs – Imperial River	Agricultural BMPs	Completed	2016	11,034	N/A	Imperial River	4,466	Not provided	Not provided	Not provided	Not provided	N/A
FDOT	N/A	HC-FDOT-01	Wet Detention Ponds (1, 2, and 3) Facility ID: 12010-3561-01	Wet detention.	Wet Detention Pond	Completed	Not provided	22	6	Hendry Creek	29	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	HC-FDOT-01b	Wet Detention Ponds (1, 2, and 3) Facility ID: 12010-3561-02	Wet detention.	Wet Detention Pond	Completed	Not provided	41	10	Hendry Creek	30	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	HC-FDOT-01c	Wet Detention Ponds (1, 2, and 3) Facility ID: 12010-3561-03	Wet detention.	Wet Detention Pond	Completed	Not provided	41	11	Hendry Creek	30	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	HC-FDOT-02	Roadside Swales	Swale with ditch blocks.	Grass Swales with Swale Blocks or Raised Culverts	Completed	Not provided	Not provided	Not provided	Hendry Creek	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	HC-FDOT-03	Street Sweeping	Arterial road and bridge sweeping.	Street Sweeping	Underway	N/A	52	33	Hendry Creek	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	HC-FDOT-04	Education Efforts	Pamphlets, PSAs, Illicit Discharge Program.	Education Efforts	Underway	N/A	3	0	Hendry Creek	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	IR-FDOT-01	Wet Detention Ponds (Pond 5D) Facility ID: 12075-3500-02	Wet detention.	Wet Detention Pond	Completed	Not provided	3	0	Imperial River	96	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	IR-FDOT-01b	Wet Detention Ponds (Pond 7C) Facility ID: 12075-3500-03	Wet detention.	Wet Detention Pond	Completed	Not provided	6	0	Imperial River	96	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	IR-FDOT-01c	Wet Detention Ponds (Pond 9B) Facility ID: 12075-3500-04	Wet detention.	Wet Detention Pond	Completed	Not provided	9	0	Imperial River	96	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	N/A	IR-FDOT-02	Roadside Swales	Swale with ditch blocks.	Grass Swales with Swale Blocks or Raised Culverts	Completed	Not provided	Not provided	Not provided	Imperial River	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT	N/A	IR-FDOT-03	Education Efforts	Pamphlets, PSAs, Illicit Discharge Program.	Education Efforts	Underway	N/A	3	0	Imperial River	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
Lee County	DEP/ SFWMD	HC-LC-01	Lakes Park Water Quality Restoration	Retrofit Lakes Park to improve water quality of stormwater runoff by routing flows through created filter marsh system.	Filter Marsh	Completed	Prior to 2012	4,533	0	Hendry Creek	1,749	\$3,500,000	\$59,535	County/ DEP/ SFWMD	DEP – \$510,000 SFWMD – \$1,389,659	S0604
Lee County	N/A	HC-LC-02	Street Sweeping	Street sweeping.	Street Sweeping	Completed	Prior to 2012	167	29	Hendry Creek	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Lee County	N/A	HC-LC-03	Education/ Fertilizer Ordinance	Public education on implementation of adopted fertilizer ordinance.	Education Efforts	Completed	Prior to 2012	1,980	0	Hendry Creek	N/A	Not provided	N/A	County	Not provided	N/A
Lee County	N/A	HC-LC-04	Island Park Filter Marsh	Wetland creation and enhancement that included exotic plant removal, filter marsh creation, and native replanting.	Filter Marsh	Completed	Prior to 2012	Not provided	Not provided	Hendry Creek	160	\$925,000	Not provided	Not provided	Not provided	N/A
Lee County	N/A	HC-LC-05	Lakes Park Littoral Zone Project	Creation of littoral shelves with native plantings for nutrient uptake.	Filter Marsh	Underway	2018	TBD	TBD	Hendry Creek	37	\$1,200,000	TBD	County	\$1,200,000	N/A
Lee County	DEP	HC-LC-06	Hendry Creek West Branch Restoration	Create filter marsh on 11-ac site.	Filter Marsh	Planned	2020	TBD	TBD	Hendry Creek	9	\$2,500,000	TBD	County/DE P	DEP – \$475,000	TBD
Lee County	SFWMD/ Florida Fish and Wildlife Conservation Commission (FWC)/ CREW Land and Water Trust	IR-LC-01	CREW	Land purchase and conversion to conservation land use.	Land Acquisition	Completed	2015	0	0	Imperial River	15	\$208,818	TBD	County	\$208,818	N/A
Lee County	N/A	IR-LC-02	Pine Lake Preserve	Land purchase and conversion to conservation land use.	Land Acquisition	Completed	Prior to 2012	1	0	Imperial River	129	\$2,366,273	\$42,454	County	\$2,366,273	Not provided
Lee County	N/A	IR-LC-03	Street Sweeping	Street sweeping.	Street Sweeping	Completed	Prior to 2012	150	50	Imperial River	N/A	Not provided	Not provided	County	Not provided	N/A
Lee County	N/A	IR-LC-04	Imperial Marsh	Land purchase and conversion to conservation land use.	Land Acquisition	Completed	Prior to 2012	1,440	0	Imperial River	521	Not provided	N/A	County	Not provided	N/A
Lee County	N/A	IR-LC-05	Education/ Fertilizer Ordinance	Public education on implementation of	Education Efforts	Completed	Prior to 2012	6	0	Imperial River	N/A	Not provided	N/A	County	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				adopted fertilizer ordinance.												
Lee County	City of Bonita Springs	IR-LC-06	Pine Lake Preserve Rehydration Project	Joint project with Bonita Springs that will rehydrate and reestablish hydraulic connectivity between Imperial River and undisturbed CREW wetlands east of preserve on Corkscrew Swamp.	Hydrologic Restoration	Underway	2019	TBD	TBD	Imperial River	173	\$900,000	TBD	County/ City of Bonita Springs	TBD	N/A
Lee County	N/A	IR-LC-07	Edison Farms Preserve	Land purchase and conversion to conservation land use.	Land Acquisition	Completed	2017	N/A	N/A	Imperial River	N/A	\$42,435,000	TBD	County	\$42,435,000	N/A

IRL – Banana River Lagoon (BRL) BMAP

Background

The BRL BMAP covers 97,139 acres of the IRL Basin that lies between Merritt Island and the coastal barrier island, and extends in a north-south direction from Banana Creek south to the Eau Gallie Causeway. Sykes Creek and Newfound Harbor are the primary tributaries to the Banana River.

DEP verified the IRL Basin as impaired because of excessive amounts of TN and TP, as evidenced by a decrease in seagrass distribution and by low DO. In March 2009, DEP adopted the nutrient and DO IRL Basin TMDLs, with a focus on the water quality conditions necessary for seagrass regrowth at the depth limits where seagrass historically grew in the basin, based on a multiyear composite of seagrass coverage. The BRL BMAP was adopted in February 2013 to implement the TN and TP TMDL.

The BRL BMAP is one of three separate BMAPs developed for the IRL subbasins, because of its large size and hydrologic diversity. The BRL was further divided into project zones (**Figure C-2**) with boundaries based on the distinct hydrology in different areas of the basin and their corresponding annual residence times. The zones are important because flushing times vary greatly among locations and consequently affect how nutrient reductions will impact these distinct areas. The project zones identify large areas where projects should be implemented to ensure that the load reductions achieve the desired response for each subbasin. The two project zones are as follows:

- **BRL A** – The area north of and including the SR 520 Causeway.
- **BRL B** – The area south of the SR 520 Causeway.

Status of Projects

Through December 31, 2017, 194 projects were completed. An additional 39 projects that are underway or planned were added to the BMAP. The projects completed to date are estimated to achieve total reductions of 43,403 lbs/yr of TN, or 45 % of the reductions needed to meet the portion of the TN TMDL allocated to the BRL. Completed projects completed to date are estimated to achieve total reductions of 8,871 lbs/yr of TP, or 40 % of the reductions needed to meet the portion of the TP TMDL allocated to the BRL.

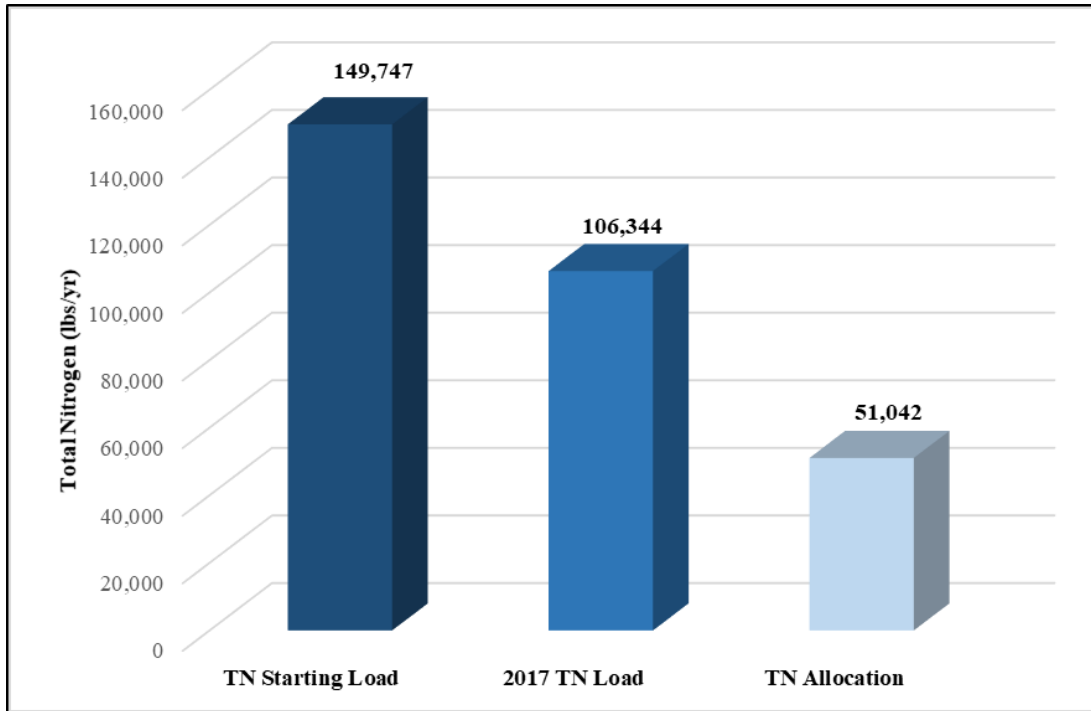


Figure C-4. Estimated progress toward meeting the IRL TN TMDL allocated to the BRL. Reductions are associated with projects completed through December 31, 2017.

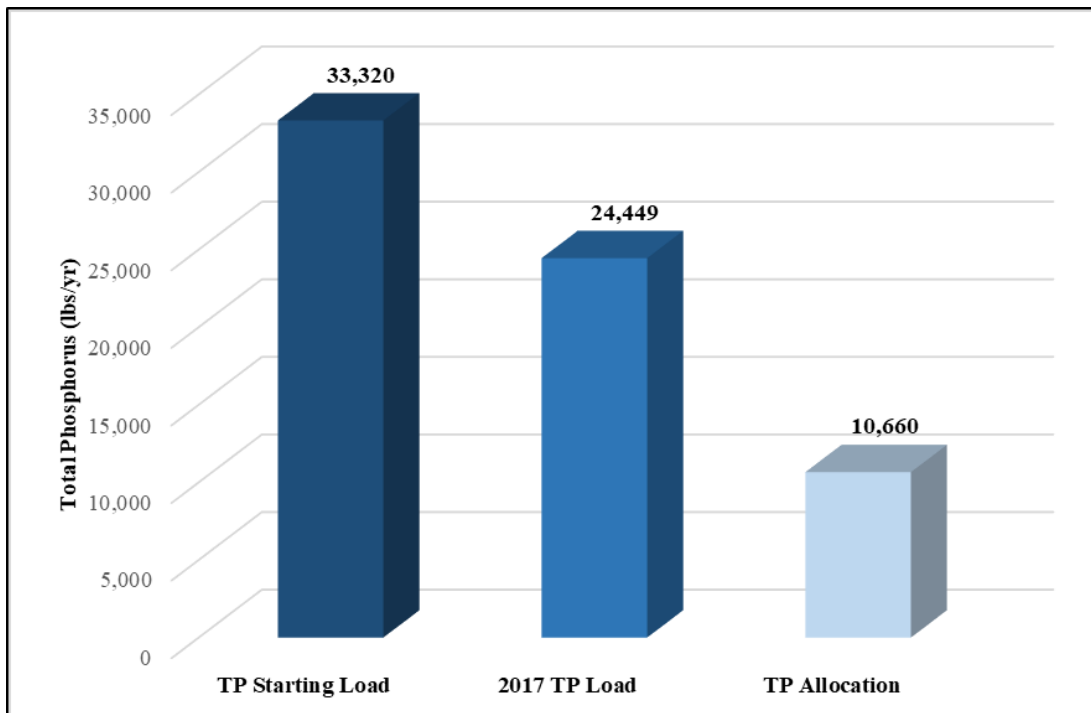


Figure C-5. Estimated progress toward meeting the IRL TP TMDL allocated to the BRL. Reductions are associated with projects completed through December 31, 2017.

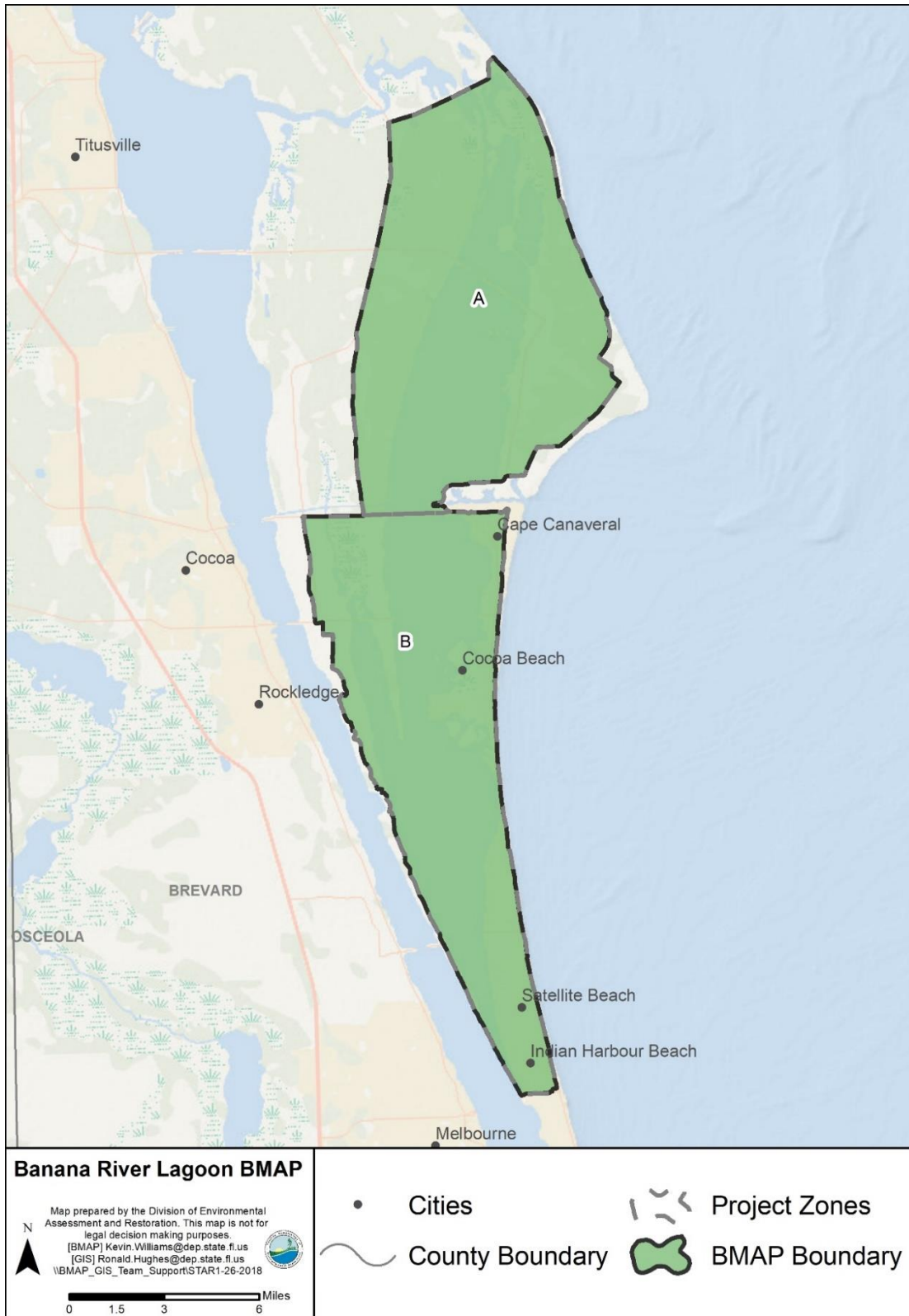


Figure C-6. BRL BMAP area

Table C-2. BRL BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Brevard County	N/A	BC-01	Education Efforts	FYN; landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website; Illicit Discharge Program.	Education Efforts	Underway	N/A	79	14	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-02	Pine Island Phase I and II	Not provided.	Wet Detention Pond	Completed	2015	160	102	A	15	\$19,235	Not provided	DEP	\$19,235	G0288/G0344
Brevard County	DEP	BC-03	Florida Blvd. Pond	Not provided.	Wet Detention Pond	Completed	2013	324	126	B	74	\$350,384	Not provided	DEP	\$350,384	WM744
Brevard County	DEP	BC-04	Hampton North (Riverside)	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2013	1	1	B	15	\$27,000	Not provided	DEP	\$27,000	G0268
Brevard County	DEP	BC-05	Hampton South (Needle Blvd)	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2013	1	2	B	18	\$29,000	Not provided	DEP	\$29,000	G0268
Brevard County	DEP	BC-06	Albatross	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2013	1	2	B	22	\$33,000	Not provided	DEP	\$33,000	G0268
Brevard County	DEP	BC-07	Surfside	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2013	2	2	B	23	\$31,500	Not provided	DEP	\$31,500	G0268
Brevard County	DEP	BC-08	West Scots	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	30	6	B	10	\$41,000	Not provided	DEP	\$41,000	G0268
Brevard County	DEP	BC-09	Johns Cir.	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2013	2	2	B	20	\$31,000	Not provided	DEP	\$31,000	G0268
Brevard County	DEP	BC-10	Farrington Dr.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	24	5	B	8	\$37,500	Not provided	DEP	\$37,500	G0268
Brevard County	DEP	BC-11	Porpoise Street	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	25	5	B	8	\$42,000	Not provided	DEP	\$42,000	G0268
Brevard County	DEP	BC-12	Angler Street	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2013	1	1	B	10	\$30,700	Not provided	DEP	\$30,700	G0268
Brevard County	DEP	BC-13	Diana Shores	Not provided.	Stormceptor™ Unit	Completed	2013	0	17	B	39	\$102,000	Not provided	DEP	\$102,000	G0268
Brevard County	N/A	BC-14	Education Efforts	FYN; landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website;	Education Efforts	Underway	N/A	3,854	825	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Illicit Discharge Program.												
Brevard County	N/A	BC-15	Street Sweeping	Monthly street sweeping on 786 mi.	Street Sweeping	Underway	N/A	525	336	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-16	Fortenberry Pond	Not provided.	Wet Detention Pond	Completed	2015	847	365	B	165	\$10,900,000	\$35,000	DEP	\$10,900,000	S0646
Brevard County	DEP	BC-17	Merritt Island Airport Pond	Not provided.	Wet Detention Pond	Completed	2013	458	160	B	148	\$652,056	Not provided	DEP	\$652,056	S0439
Brevard County	Not provided	BC-18	Florida Blvd.	Not provided.	Floating Islands/ MAPS	Completed	2013	117	14	B	74	\$40,772	\$18,295	Not provided	\$40,772	Not provided
Brevard County	DEP	BC-19	Third Ave. Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2015	93	10	B	53	\$31,452	Not provided	DEP	\$31,452	S0648
Brevard County	Not provided	BC-20	BMP Clean Out	Not provided.	BMP Clean Out	Completed	Not provided	1	1	B	Not provided	\$95,069	\$55,300	Not provided	\$95,069	Not provided
Brevard County	DEP	BC-21	Fourth Pl. Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2015	146	26	B	57	\$34,037	Not provided	DEP	\$34,037	S0648
Brevard County	DEP	BC-22	Thrush 405 Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2015	7	1	B	4	\$12,507	Not provided	DEP	\$12,507	S0648
Brevard County	Not provided	BC-23	Fortenberry Pond MAPS	Not provided.	Floating Islands/ MAPS	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brevard County	DEP	BC-24	Merritt Ridge Pond 3A	Not provided.	Floating Islands/ MAPS	Underway	Not provided	210	49	B	84	\$114,914	\$25,091	DEP	\$114,914	G0430
Brevard County	Not provided	BC-25	Cassia Phase 3	Not provided	Online Retention BMP	Completed	2013	100	0	B	18	\$100,000	Not provided	Not provided	\$100,000	N/A
Brevard County	SJRWMD	BC-26	South Patrick Dr. Baffle Box	2nd-generation baffle box with denitrification bioreactor.	Baffle Boxes – 2nd Generation	Underway	Not provided	132	17	B	74	\$625,000	Not provided	SJRWMD	\$625,000	SJRWMD #28401
Brevard County	Not provided	BC-27	Kelly Park Reuse	Not provided.	Stormwater Reuse	Completed	2013	19	1	B	33	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-28	Patrick Air Force Base (AFB) Golf Course Pond Stormwater Reuse	Not provided.	Stormwater Reuse	Underway	Not provided	359	0	B	88	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-29	Ocean Blvd.	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2015	10	1	B	6	\$12,507	Not provided	DEP	\$12,507	S0648
Brevard County	N/A	BC-30	Street Sweeping	Monthly street sweeping.	Street Sweeping	Underway	N/A	0	0	A	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
Brevard County	Not provided	BC-31	BMP Clean Out	Quarterly baffle box/sediment trap cleaning.	BMP Clean Out	Completed	N/A	0	0	A	N/A	Not provided	Not provided	Not provided	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Brevard County	DEP	BC-32	Cocoa Beach Canal Dredging	Muck removal of 84,000 cubic yds of material.	Muck Removal / Restoration Dredging	Completed	2017	0	0	B	Not provided	\$20,000,000	Not provided	DEP	\$20,000,000	S0714
Cape Canaveral Air Force Station	N/A	CCAFS-01	Nonuse of Fertilizer/ Fertilizer Ordinance	No fertilizer is used at station.	Education Efforts	Underway	N/A	377	108	A	N/A	N/A	N/A	U.S. Air Force (USAF)	N/A	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-02	Street Sweeping	Removed 21.93 tons of sediment and disposed of it at landfill.	Street Sweeping	Underway	N/A	128	60	A	N/A	Not provided	\$715	USAF	Not provided	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-03	Dry Detention Ponds after 2000	Identified 36 parcels subject to Environmental Resource Permits (ERPs) that provide treatment that were not included in Pollution Load Screening Model (PLSM).	Dry Detention Pond	Completed	N/A	TBD	TBD	A	477	N/A	\$12,000	USAF	N/A	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-04	Online Wet Retention Ponds after 2000	Provided 3.187 in of additional treatment in 5 ERP drainage basins that were not included in PLSM.	Online Retention BMPs	Completed	N/A	TBD	TBD	A	157	N/A	\$2,000	USAF	N/A	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-05	TMDL Monitoring and Data Collection	Collect stormwater and baseflow nutrient concentrations and rainfall data at 5 monitoring stations; collect baseflow and stormwater runoff flow volume data and groundwater elevation data at 6 monitoring stations.	Monitoring/Data Collection	Underway	TBD	N/A	N/A	A	N/A	\$1,850,000	\$370,000	USAF	\$1,850,000	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-06	WWTF Upgrade Feasibility Study	Pilot study to improve removal rates of nitrates, TN, and ammonia in WWTF effluent.	Study	Completed	2017	N/A	N/A	A	N/A	\$46,000	N/A	USAF	\$46,000	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-07	Invasive Vegetation Management	Wetland enhancement through annual exotic vegetation removal.	Exotic Vegetation Removal	Underway	TBD	N/A	N/A	A	N/A	Not provided	Not provided	USAF	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Cape Canaveral Air Force Station	N/A	CCAFS-08	Sanitary Sewer infiltration and inflow (I&I) Study	Conduct I&I study of sanitary sewer system.	Study	Planned	TBD	N/A	N/A	A	N/A	TBD	N/A	USAF	TBD	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-09	Public Education	3 outreach events were held that removed 30 tons of debris through beach clean ups.	Enhanced Public Education	Completed	2017	N/A	N/A	B	N/A	Not provided	N/A	USAF	Not provided	N/A
Cape Canaveral Air Force Station	N/A	CCAFS-10	Wetlands as Filters	Station has many canals and functional culvert openings that allow connection with BRL at 11 surface ac: 65 surface ac of Army wharf connect with Atlantic Ocean, and 106 surface ac of Trident wharf connect with Atlantic Ocean, totaling 182 surface ac of jurisdictional wetlands.	Natural Wetlands as Filters	Planned	TBD	TBD	TBD	B	182	TBD	TBD	USAF	TBD	N/A
City of Cape Canaveral	SJRWMD	CC-01	Holman Rd. Baffle Box	1st-generation baffle box installation near Holman Rd. outfall.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2006	2	2	B	29	\$75,000	\$1,200	SJRWMD/ City	SJRWMD – \$45,000 City – \$30,000	N/A
City of Cape Canaveral	SJRWMD	CC-02	Center St. Baffle Box	1st-generation baffle box installation near Center St. outfall.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2006	8	9	B	117	\$75,000	\$1,200	SJRWMD/ City	SJRWMD – \$45,000 City – \$30,000	N/A
City of Cape Canaveral	SJRWMD	CC-03	International Dr. Baffle Box	1st-generation baffle box installation near International Dr. outfall.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2006	12	4	B	179	\$75,000	\$1,200	SJRWMD/ City	SJRWMD – \$45,000 City – \$30,000	N/A
City of Cape Canaveral	SJRWMD	CC-04	Angel Isles Baffle Box	1st-generation baffle box installation near Angel Isles outfall.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2006	4	3	B	106	\$75,000	\$1,200	SJRWMD/ City	SJRWMD – \$45,000 City – \$30,000	N/A
City of Cape Canaveral	N/A	CC-05	WWTP Baffle Box	1st-generation baffle box installation at WWTP.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2004	0	0	B	11	\$15,000	\$1,200	City	\$15,000	N/A
City of Cape Canaveral	SJRWMD	CC-06	West Central Blvd. Baffle Box	1st-generation baffle box installation at West Central Blvd.	Baffle Boxes –	Completed	2005	13	14	B	213	\$75,000	\$1,200	SJRWMD/ City	SJRWMD – \$45,000 City – \$30,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				outfall to Central Ditch.	1st Generation (hydrodynamic separator)											
City of Cape Canaveral	DEP	CC-07	Central Ditch Baffle Box (3 count)	2nd-generation baffle box installations (3) in northern portion of Central Ditch.	Baffle Boxes – 2nd Generation	Completed	2009	223	40	B	248	\$443,003	\$3,600	DEP/City	DEP – \$263,402 City – \$179,601	G0136
City of Cape Canaveral	N/A	CC-08	Street Sweeping	Sweeping of streets/pedways.	Street Sweeping	Underway	2002	Not provided	Not provided	B	Not provided	\$12,322	N/A	City	\$12,322	N/A
City of Cape Canaveral	N/A	CC-09	Shorewood Drainage Subbasin	Basin with no stormwater discharge.	100 % Onsite Retention	Completed	Pre-2013	Not provided	Not provided	B	170	Not provided	\$0	Private Developer	Not provided	N/A
City of Cape Canaveral	N/A	CC-10	Education Efforts	FYN (Blue Life); landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website; Illicit Discharge Program.	Education Efforts	Underway	2014	230	55	B	N/A	\$3,100	\$500	City	\$3,100	N/A
City of Cape Canaveral	N/A	CC-11	Manatee Park Stormwater Improvements	Wet detention pond and swales.	Wet Detention Pond	Completed	2013	59	28	B	11	\$193,000	\$5,000	City	\$193,000	N/A
City of Cape Canaveral	N/A	CC-12	Banana River Park Stormwater Improvements	Stormwater swales.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	40	11	B	5	\$38,000	\$2,500	City	\$38,000	N/A
City of Cape Canaveral	N/A	CC-13	Exfiltration on North Atlantic Ave.	Stormwater swales.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2016	102	24	B	37	\$436,000	\$5,000	City	\$436,000	N/A
City of Cape Canaveral	DEP	CC-14	Exfiltration at Canaveral City Park	Stormwater vault system.	Exfiltration Trench	Completed	2017	324	76	B	30	\$1,820,500	\$3,500	DEP/City	DEP – \$1,162,662 City – \$657,838	WW050500/L P05052
City of Cape Canaveral	TBD	CC-15	Stormwater Pond on West Central Blvd.	Not provided.	Wet Detention Pond	Planned	2022	1,420	549	B	334	\$3,130,200	\$10,000	TBD	TBD	TBD
City of Cape Canaveral	N/A	CC-16	Clean Out of Baffle Boxes	Maintenance of baffle boxes.	BMP Clean Out	Completed	2014	1	0	B	N/A	\$4,500	\$1,500	City	\$4,500	N/A
City of Cape Canaveral	N/A	CC-17	Central Ditch Dredging Project	Dredging of southern portion of Central Ditch.	Muck Removal / Restoration Dredging	Canceled	N/A	N/A	N/A	B	N/A	N/A	N/A	N/A	N/A	N/A
City of Cape Canaveral	N/A	CC-18	Exfiltration Piping Installations	Exfiltration piping installations – 8 locations (another 2 installations are added each year)	Exfiltration Trench	Canceled	N/A	N/A	N/A	B	N/A	N/A	N/A	N/A	N/A	N/A
City of Cape Canaveral	SJRWMD	CC-19	Reclaimed Water Tank	Reclaimed water system	WWTF Upgrade	Completed	2016	2,151	158	B	N/A	\$3,030,000	\$10,000	SJRWMD/ City	SJRWMD – \$75,000	WW050500

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				improvements (2.5-mg reclaimed water tank).											City – \$2,955,000	
City of Cape Canaveral	DEP/ Brevard County (Save Our Indian River Lagoon [SOIRL] Program)	CC-20	Central Blvd. Baffle Box Upgrade	Baffle box upgrade to 2nd generation – Central Ditch baffle box	Baffle Boxes – 2nd Generation	Completed	2017	1,221	207	B	509	\$43,700	\$1,200	DEP/City/ County	DEP – \$7,000 County – \$34,700 City – \$2,000	NF025
City of Cape Canaveral	Brevard County (SOIRL)	CC-21	Holman Rd. Swale	Swales and biosorption activated media (BAM).	BMP Treatment Train	Planned	2019	14	6	B	2	\$28,000	\$500	City/ County	TBD	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-22	Cocoa Palms LID	Exfiltration and BAM wall.	BMP Treatment Train	Planned	2018	13	10	B	4	\$85,000	\$1,000	City/ County	TBD	N/A
City of Cape Canaveral	N/A	CC-23	Cherrie Down Park	Swale with BAM.	BMP Treatment Train	Canceled	N/A	N/A	N/A	B	N/A	N/A	N/A	N/A	N/A	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-24	Carver Cove Swale	Swale with BAM.	BMP Treatment Train	Planned	2018	32	9	B	6	\$20,340	\$1,000	City/ County	TBD	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-25	Cape Shores Swales (3)	Swale with BAM.	BMP Treatment Train	Planned	2018	31	15	B	8	\$108,100	\$1,000	City/ County	TBD	N/A
City of Cape Canaveral	FDOT	CC-26	International Dr.	Wet detention pond as part of SR A1A Streetscape Project.	Wet Detention Pond	Planned	2021	601	283	B	168	\$708,450	\$2,500	FDOT	\$708,450	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-27	Justamere Rd. Swale	Dry detention swale without blocks or raised culverts and media filter.	BMP Treatment Train	Planned	2018	6	3	B	1	\$7,800	\$1,000	City/ County	TBD	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-28	Hitching Post Berm	Berm and associated grass swale without blocks or raised culverts and media filter.	BMP Treatment Train	Planned	2018	27	22	B	9	\$40,300	\$1,000	City/ County	TBD	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-29	Center St.. Pond	Wet detention pond.	Wet Detention Pond	Planned	2020	413	190	B	106	\$277,850	\$2,500	City/ County	TBD	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-30	Holman Rd. Pond	Wet detenfion pond.	Wet Detention Pond	Planned	2021	36	37	B	29	\$235,630	\$2,500	City/ County	TBD	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-31	Costa Del Sol Pond	Dry detention swale without blocks or raised culverts and media filter.	Dry Detention Pond	Planned	2019	10	3	B	3	\$58,120	\$2,500	City/ County	TBD	N/A
City of Cape Canaveral	Brevard County (SOIRL)	CC-32	Costa del Sol Denitrificaiton Wall	Exfiltration and BAM wall.	BMP Treatment Train	Planned	2021	39	34	B	13	\$18,800	\$1,000	City/ County	TBD	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Cocoa Beach	Not provided	CB-01	Maritime Hammock Preserve Alum Pond	Wet detention pond with alum.	Wet Detention Pond	Completed	2013	746	318	B	130	\$960,000	\$20,000	Not provided	\$960,000	N/A
City of Cocoa Beach	DEP	CB-02	Ocean Beach Blvd. Bioretention/Exfiltration	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	218	46	B	51	\$1,150,000	\$18,000	DEP	\$1,150,000	G0170
City of Cocoa Beach	Not provided	CB-03	2nd St. South Pollution Control Device (PCD)	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	135	25	B	52	\$181,974	\$1,200	Not provided	\$181,974	N/A
City of Cocoa Beach	Not provided	CB-04	Cottage Row Parking Facilities Lot	Not provided.	Exfiltration Trench	Completed	2013	37	9	B	2	Not provided	\$500	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-05	Shepard Park Improvements	Not provided.	Dry Detention Pond	Completed	2013	0	0	B	0	Not provided	\$3,000	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-06	Burris Way (alley) Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	4	1	B	1	Not provided	\$1,200	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-07	Brevard Ave. Exfiltration	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	5	1	B	1	Not provided	\$300	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-08	50 Danube River Exfiltration	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	1	0	B	2	Not provided	\$300	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-09	12 Bougainvillea Dr. Exfiltration	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	1	0	B	1	Not provided	\$300	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-10	9th St. S and Brevard Ave. Exfiltration	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	0	0	B	0	Not provided	\$300	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-11	321 Jack Dr. Exfiltration	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	0	0	B	1	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-12	125 Cedar Ave. Exfiltration	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	1	0	B	1	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-13	Meade Bioretention	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	0	0	B	0	Not provided	\$300	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-14	Osceola E Bioretention	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	Not provided	Not provided	Outside Model Boundary	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-15	4th St. N Bioretention	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	1	0	B	0	Not provided	\$120	Not provided	Not provided	N/A

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City of Cocoa Beach	Not provided	CB-16	4th St. S Bioretention	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	2	1	B	1	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-17	3rd St. South N Bioretention	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	Not provided	Not provided	Outside Model Boundary	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-18	3rd St South S Bioretention	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	Not provided	Not provided	Outside Model Boundary	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-19	Holiday Lane Bioretention	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	34	7	B	5	Not provided	\$1,200	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-20	S Banana/ St. Lucie Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	13	3	B	4	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-21	S Banana/ St. Lucie Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	2	0	B	1	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-22	Banana River Retention	Not provided.	Dry Detention Pond	Completed	2013	2	0	B	1	Not provided	\$1,500	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-23	Banana River Retention	Not provided.	Dry Detention Pond	Completed	2013	2	1	B	1	Not provided	\$1,500	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-24	Minutemen/ Country Club Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	7	2	B	2	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-25	Palm Ave. Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	0	0	B	0	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-26	Minutemen/CBHS	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	20	5	B	1	Not provided	\$500	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-27	Minutemen/PW Complex Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	4	1	B	2	Not provided	\$3,000	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-28	Tom Warriner/ Public Works Complex Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	3	0	B	1	Not provided	\$3,000	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-29	Shepard Dr. Swale	Not provided.	Grass Swales without Swale	Completed	2013	3	1	B	1	Not provided	\$120	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
					Blocks or Raised Culverts											
City of Cocoa Beach	Not provided	CB-30	Shepard Dr. Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	5	0	B	1	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-31	W Gadsden/ Banana Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Cocoa Beach	Not provided	CB-32	W Pasco/Banana Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	2	0	B	1	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-33	W Pasco/Banana Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	3	0	B	2	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-34	32 Inlet Baskets	Not provided.	BMP Clean Out	Completed	2013	32	10	B	Not provided	Not provided	\$1,200	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-35	Dino Museum/ Store, 250 W Cocoa Beach Causeway	Not provided.	Dry Detention Pond	Completed	2013	4	1	B	2	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-36	332-334 N Orlando	Not provided.	Dry Detention Pond	Completed	2013	1	0	B	1	Not provided	\$120	Not provided	Not provided	N/A
City of Cocoa Beach	Not provided	CB-37	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	84	54	B	N/A	\$38,405	\$38,405	Not provided	\$38,405	N/A
City of Cocoa Beach	N/A	CB-38	Education Efforts	FYN; landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website; Illicit Discharge Program.	Education Efforts	Underway	N/A	1,098	228	B	N/A	\$5,000	\$5,000	Not provided	\$5,000	N/A
City of Cocoa Beach	DEP	CB-39	Minutemen Corridor Stormwater Improvement/LID	Bioretention/rain tanks/paver storage/nutrient sorption media.	BMP Treatment Train	Underway	Not provided	330	74	B	20	\$4,625,328	\$12,000	DEP	\$4,625,328	G0412
City of Cocoa Beach	Not provided	CB-40	Downtown North LID	LID/nutrient sorption media.	BMP Treatment Train	Underway	Not provided	TBD	TBD	B	43	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-01	N Osceola Dr.	Not provided.	Exfiltration Trench	Completed	2013	42	6	B	9	\$60,000	\$500	Not provided	\$60,000	N/A
City of Indian Harbour Beach	Not provided	IHB-02	Datura Dr.	Not provided.	Exfiltration Trench	Completed	2013	4	1	B	1	\$50,000	\$300	Not provided	\$50,000	N/A
City of Indian	Not provided	IHB-03	Coquina Palms Subdivision	Not provided.	100 % Onsite Retention	Completed	2013	61	11	B	6	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Harbour Beach																
City of Indian Harbour Beach	Not provided	IHB-04	Education Efforts	Landscape, irrigation, fertilizer, and pet waste ordinances; pamphlets, Illicit Discharge Program.	Education Efforts	Underway	N/A	648	121	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-05	Inlet Cleaning	Not provided.	BMP Clean Out	Completed	Not provided	7	4	B	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	N/A	IHB-06	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	150	96	B	N/A	\$9,800	Not provided	Not provided	\$9,800	N/A
City of Indian Harbour Beach	Not provided	IHB-07	Gleason Park Phase 1	Not provided.	Wet Detention Pond	Completed	2013	382	119	B	129	\$135,000	\$200	Not provided	\$135,000	N/A
City of Indian Harbour Beach	Not provided	IHB-08	Atlantic Ave. Swale	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	8	1	B	1	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-09	Gleason Park Irrigation	Not provided.	Reclaimed Water	Completed	Not provided	48	8	B	129	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-10	Indian Harbour Beach Condo Pond	(Previously named Lift Station Pond).	Dry Detention Pond	Completed	2016	48	8	B	2	\$13,277	Not provided	Not provided	\$13,277	N/A
City of Indian Harbour Beach	Not provided	IHB-11	Fire Station Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	9	1	B	3	\$11,481	Not provided	Not provided	\$11,481	N/A
City of Indian Harbour Beach	Not provided	IHB-12	School Rd. at Park Dr.	Not provided.	Exfiltration Trench	Completed	2013	15	3	B	16	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-13	Yuma Dr. Exfiltration	Not provided.	Exfiltration Trench	Completed	2014	26	6	B	11	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-14	Lime Bay Exfiltration	Not provided.	Exfiltration Trench	Completed	2014	28	6	B	31	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian	Not provided	IHB-15	Andros Lane Exfiltration	Not provided.	Exfiltration Trench	Completed	2014	4	1	B	9	Not provided	Not provided	Not provided	Not provided	N/A

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Harbour Beach																
City of Indian Harbour Beach	Not provided	IHB-16	Indian Harbour Beach Condo Pond	Not provided.	Dry Detention Pond	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Indian Harbour Beach	Not provided	IHB-17	Fire Station Exfiltration	Not provided.	Exfiltration Trench	Completed	2016	3	0	B	3	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-18	Inwood Lane Exfiltration	Not provided.	Exfiltration Trench	Completed	2016	8	1	B	8	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	SOIRL	IHB-19	Gleason Park Irrigation Expansion	Expansion of irrigation in Gleason Park.	Reclaimed Water	Completed	2017	48	8	B	129	\$11,000	TBD	SOIRL	\$4,224	N/A
City of Indian Harbour Beach	Not provided	IHB-20	Oars and Paddles Dry Pond	Dry detention with BAM.	Dry Detention Pond	Planned	TBD	TBD	TBD	B	35	TBD	TBD	TBD	TBD	N/A
City of Indian Harbour Beach	Not provided	IHB-21	FDOT Pond #3 Beemats	Beemats (6,700 square ft).	Floating Islands/ MAPS	Planned	TBD	TBD	TBD	B	138	\$10,000	TBD	TBD	TBD	N/A
City of Indian Harbour Beach	TBD	IHB-22	Kristi and Pinetree Dr. Swale	1,000-ft-long swale along Pinetree Dr.; swales with blocks or raised culverts.	Grass Swale with Swale Blocks or Raised Culverts	Planned	TBD	54	12	B	4	\$12,000	TBD	TBD	TBD	N/A
City of Indian Harbour Beach	TBD	IHB-23	Wimico Dr. Swale	Retention swale, perhaps with BAM, along Wimico Dr.; swales with blocks or raised culverts.	Grass Swale with Swale Blocks or Raised Culverts	Planned	TBD	23	3	B	3	\$10,000	TBD	TBD	TBD	N/A
City of Indian Harbour Beach	TBD	IHB-24	Crispino Wet Pond	Construction of 2.9-ac wet pond in Crispino Park (city-owned).	Wet Detention Pond	Planned	TBD	99	32	B	34	\$600,000	TBD	TBD	TBD	N/A
City of Indian Harbour Beach	SOIRL	IHB-25	Big Muddy Canal Baffle Box @ Cynthia	Baffle box installed at major outfall to Big Muddy Canal.	Baffle Boxes – 2nd Generation	Underway	TBD	TBD	TBD	B	32	\$283,975	TBD	SOIRL	\$26,637	N/A
City of Indian Harbour Beach	Not provided	IHB-26	Cheyenne Dr./Marion Baffle	Baffle Box installed at major outfall to Big Muddy Canal.	Baffle Boxes – 2nd Generation	Underway	TBD	TBD	TBD	B	TBD	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian	Not provided	IHB-27	Beach Funeral Home Pervious Parking	Provide retention using pervious parking.	Pervious Pavement	Underway	TBD	TBD	TBD	B	TBD	Not provided	Not provided	Not provided	Not provided	N/A

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Harbour Beach																
City of Indian Harbour Beach	Not provided	IHB-28	Townhouse Estates Exfiltration	Exfiltration or dry pond in residential neighborhood.	Exfiltration Trench	Underway	TBD	TBD	TBD	B	5	\$15,000	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-29	Palm Springs Swale	Swale in entire median (2,200 ft) of Palm Springs Blvd.; swales with blocks or raised culverts.	Grass Swale with Swale Blocks or Raised Culverts	Underway	TBD	83	21	B	5	\$10,000	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-30	Alhambra Exfiltration	Indian Head (master plan) exfiltration with 1,330 ft exfiltration pipe.	Exfiltration Trench	Underway	TBD	63	10	B	16	\$500,000	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-31	Ronnie Exfiltration Extension	Extension of Project IHB-29; additional 500 ft exfiltration pipe.	Exfiltration Trench	Underway	TBD	15	2	B	2	\$200,000	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-32	Atlantic Exfiltration East	Jamestown Phase 1 (master plan) with 4,600 ft exfiltration.	Exfiltration Trench	Underway	TBD	188	27	B	38	\$1,400,000	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-33	Atlantic Exfiltration West	Jamestown Phase 2 (master plan) exfiltration with weirs, etc.	Exfiltration Trench	Underway	TBD	107	15	B	32	\$1,200,000	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-34	Pinetree Streetscaping	LID features including planters, rain garden, porous pavement, and BAM.	BMP Treatment Train	Underway	TBD	TBD	TBD	B	91	Not provided	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	Not provided	IHB-35	Muck Dredging	Muck dredging along major canals, including Grand Canal.	Muck Removal/Restoration Dredging	Underway	TBD	TBD	TBD	B	N/A	\$9,625,000	Not provided	Not provided	Not provided	N/A
City of Indian Harbour Beach	TBD	IHB-36	Save Our Lagoon Park	Wet detention pond; perhaps other LID features	Wet Detention Pond	Planned	TBD	TBD	TBD	B	43	TBD	TBD	TBD	TBD	N/A
City of Satellite Beach	Not provided	SB-01	Jackson Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	9	2	B	25	Not provided	Not provided	Not provided	Not provided	N/A
City of Satellite Beach	Not provided	SB-02	Jackson Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	6	1	B	8	Not provided	Not provided	Not provided	Not provided	N/A
City of Satellite Beach	Not provided	SB-03	Jackson Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	6	2	B	9	Not provided	Not provided	Not provided	Not provided	N/A

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City of Satellite Beach	Not provided	SB-04	Avocado CDS Unit	Not provided.	CDS Unit	Completed	2013	0	3	B	9	Not provided	Not provided	Not provided	Not provided	N/A
City of Satellite Beach	Not provided	SB-05	Jackson Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	3	0	B	12	Not provided	Not provided	Not provided	Not provided	N/A
City of Satellite Beach	DEP	SB-06	Coconut Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	27	5	B	40	Not provided	Not provided	DEP	Not provided	G0082
City of Satellite Beach	DEP	SB-07	Desoto Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	97	14	B	108	Not provided	Not provided	DEP	Not provided	G0082
City of Satellite Beach	DEP	SB-08	Desoto Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	25	4	B	8	Not provided	Not provided	DEP	Not provided	G0082
City of Satellite Beach	DEP	SB-09	Jamaica Blvd. Ponds	Not provided.	Wet Detention Pond	Completed	2013	600	160	B	216	Not provided	Not provided	DEP	Not provided	WM840
City of Satellite Beach	DEP	SB-10	Jamaica Pond Reuse	Not provided.	Stormwater Reuse	Completed	2013	277	25	B	216	Not provided	Not provided	DEP	Not provided	WM840
City of Satellite Beach	DEP	SB-11	Desoto Exfiltration	Not provided.	Exfiltration Trench	Completed	2013	17	2	B	4	Not provided	Not provided	DEP	Not provided	G0082
City of Satellite Beach	DEP	SB-12	Desoto Baffle Boxes	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	82	10	B	58	Not provided	Not provided	DEP	Not provided	G0081
City of Satellite Beach	DEP	SB-13	Cassia Phase 1-22	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	61	8	B	33	\$1,796,800	Not provided	DEP	\$1,796,800	G0162
City of Satellite Beach	DEP	SB-14	Cassia Phase 1-23	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	30	6	B	13	Not provided	Not provided	DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-15	Cassia Phase 1-24	Part of SB-13.	Online Retention BMP	Completed	2013	18	4	B	13	Not provided	Not provided	DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-16	Cassia Phase 1-25	Part of SB-13.	Online Retention BMP	Completed	2013	13	2	B	20	Not provided	Not provided	DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-17	Cassia Phase 1-26	Part of SB-13.	Online Retention BMP	Completed	2013	12	3	B	14	Not provided	Not provided	DEP	Not provided	G0162
City of Satellite Beach	Not provided	SB-18	North Basin Stormwater Retrofit	Not provided.	Online Retention BMP	Completed	2013	318	81	B	98	Not provided	Not provided	Not provided	Not provided	N/A
City of Satellite Beach	Not provided	SB-19	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	47	30	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A

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City of Satellite Beach	Not provided	SB-20	Education Efforts	FYN; landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website; Illicit Discharge Program.	Education Efforts	Underway	N/A	1,002	197	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Satellite Beach	DEP	SB-21	Cassia Phase 3 – C3A	Retention swales.	Online Retention BMP	Completed	2013	3	1	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-22	Cassia Phase 3 – C3B	Retention swales.	Online Retention BMP	Completed	2013	2	1	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-23	Cassia Phase 3 – C3C	Retention swales.	Online Retention BMP	Completed	2013	2	1	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-24	Cassia Phase 3 – C3D	Retention swales.	Online Retention BMP	Completed	2013	3	1	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-25	Cassia Phase 3 – C3E	Retention swales.	Online Retention BMP	Completed	2013	3	1	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-26	Cassia Phase 3 – C3F	Retention swales.	Online Retention BMP	Completed	2013	11	3	B	2	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-27	Cassia Phase 3 – C3G	Retention swales.	Online Retention BMP	Completed	2013	8	2	B	1	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-28	Cassia Phase 3 – C5A	Retention swales.	Online Retention BMP	Completed	2013	2	1	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-29	Cassia Phase 3 – C5B	Retention swales.	Online Retention BMP	Completed	2013	24	5	B	6	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-30	Cassia Phase 3 – C7A	Retention swales.	Online Retention BMP	Completed	2013	3	0	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-31	Cassia Phase 3 – C7B	Retention swales.	Online Retention BMP	Completed	2013	25	4	B	4	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-32	Cassia Phase 3 – C9A	Retention swales.	Online Retention BMP	Completed	2013	4	1	B	1	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-33	Cassia Phase 3 – C9B	Retention swales.	Online Retention BMP	Completed	2013	19	3	B	2	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-34	Cassia Phase 3 – C13A	Retention swales.	Online Retention BMP	Completed	2013	7	2	B	1	Not provided	Not provided	City/ DEP	Not provided	G0162

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City of Satellite Beach	DEP	SB-35	Cassia Phase 3 – C13B	Retention swales.	Online Retention BMP	Completed	2013	1	0	B	0	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-36	Cassia Phase 3 – C13C	Retention swales.	Online Retention BMP	Completed	2013	9	2	B	3	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-37	Cassia Phase 3 – C13D	Retention swales.	Online Retention BMP	Completed	2013	7	2	B	1	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-38	Cassia Phase 3 – C13E	Retention swales.	Online Retention BMP	Completed	2013	9	2	B	1	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-39	Cassia Phase 3 – C13F	Retention swales.	Online Retention BMP	Completed	2013	11	3	B	2	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	DEP	SB-40	Cassia Phase 3 – C13G	Retention swales.	Online Retention BMP	Completed	2013	15	4	B	3	Not provided	Not provided	City/ DEP	Not provided	G0162
City of Satellite Beach	Not provided	SB-41	Roosevelt Ave.	Offline retention swales.	Offline Retention BMP	Completed	2016	TBD	TBD	B	32	\$43,482	Not provided	Not provided	\$43,482	N/A
City of Satellite Beach	Not provided	SB-42	Roosevelt Ave.	Offline retention pipes.	Exfiltration Trench	Completed	2016	TBD	TBD	B	3	\$34,350	Not provided	Not provided	\$34,350	N/A
City of Satellite Beach	DEP	SB-43	Desoto Park	Wet detention pond that also features stormwater reuse and BAM.	Wet Detention Pond	Planned	2018	TBD	TBD	B	293	\$950,000	Not provided	City/ DEP	\$703,000	NF011
FDOT District 5	N/A	FDOT-01	Street Sweeping	Street sweeping.	Street Sweeping	Underway	N/A	49	31	A	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-02	Education Efforts	Pamphlets, Illicit Discharge Program.	Education Efforts	Underway	N/A	1	1	A	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-03	Fertilizer Cessation	Elimination of fertilizer application in rights-of-way.	Fertilizer Cessation	Completed	2014	102	0	A	103	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-04	Force Main (FM): 237139 D5_70120-3518-01	Pond 7.	Wet Detention Pond	Completed	2013	63	16	B	5	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-05	FM: 237454 D5_70100-3553-01	French drains.	Online Retention BMP	Completed	2013	23	11	B	5	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-06	FM: 237447 D5_70008-3505-02	Pond 2.	Wet Detention Pond	Completed	2013	9	5	B	3	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-07	FM: 237447 D5_70008-3505-03	Pond 3.	Online Retention BMP	Completed	2013	7	4	B	3	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-08	FM: 237447 D5_70008-3505-04	French drains.	Online Retention BMP	Completed	2013	12	7	B	4	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-09	FM: 237482 D5_70060-3533-01	French drains.	Online Retention BMP	Completed	2013	1	1	B	0	Not provided	Not provided	Florida Legislature	Not provided	N/A

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FDOT District 5	N/A	FDOT-10	FM: 237453 D5_70008-3507-01	Pond 1.	Wet Detention Pond	Completed	2013	26	10	B	9	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-11	FM: 237453 D5_70008-3507-02	Pond 2.	Wet Detention Pond	Completed	2013	24	7	B	11	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-12	FM: 237712 D5_70060-3519-01	French drains.	Online Retention BMP	Completed	2013	36	9	B	3	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-13	FM: 422691-01 D5_422691-01	French drains.	Online Retention BMP	Completed	2013	15	4	B	1	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-14	Street Sweeping	Street sweeping.	Street Sweeping	Underway	N/A	418	268	B	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-15	Education Efforts	Pamphlets, Illicit Discharge Program.	Education Efforts	Underway	N/A	25	8	B	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-16	Fertilizer Cessation	Street sweeping.	Fertilizer Cessation	Completed	Not provided	1,358	0	B	-	Not provided	Not provided	Florida Legislature	Not provided	N/A
Kennedy Space Center	Not provided	KSC-01	Landscape Fertilizer Reduction	Not provided.	Fertilizer Reduction	Completed	Not provided	1,872	265	A	200	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-02	Citrus Grove Termination Jerome Rd. East	Not provided.	Land Use Change	Completed	2014	0	0	A	49	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-03	Citrus Grove Termination TEL-IV	Not provided.	Land Use Change	Completed	2014	0	0	A	21	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-04	Vertical Processing Facility M7-1469	Not provided.	Land Use Change	Completed	2014	24	9	A	2	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-05	Spacecraft Assembly Encapsulation Facility 2 M7-1210	Not provided.	Land Use Change	Completed	2014	15	5	A	1	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-06	Central Heat Plant M6-595	Not provided.	Land Use Change	Completed	2014	3	1	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-07	Utility Shops K6-1246	Not provided.	Land Use Change	Completed	2014	3	1	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-08	Fire Station 2 K6-1198	Not provided.	Land Use Change	Completed	2014	5	2	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-09	Vehicle Loading Ramp M7-0651	Not provided.	Land Use Change	Completed	2014	0	0	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-10	Hypergol Module Storage East M7-1412	Not provided.	Land Use Change	Completed	2014	6	2	A	1	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-11	Hypergol Module Storage West M7-1410	Not provided.	Land Use Change	Completed	2014	8	3	A	1	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-12	Regional Stormwater Management System	Not provided.	Wet Detention Pond	Completed	2014	2,541	1,022	A	593	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-13	Assembly and Refurbishment Facility (ARF) Stormwater System	Not provided.	Online Retention BMP	Completed	2014	320	68	A	55	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-14	Vehicle Assembly Building (VAB) South Wetland Treatment System	Not provided.	Wetland Treatment	Completed	2014	672	330	A	189	Not provided	Not provided	Not provided	Not provided	N/A

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Kennedy Space Center	Not provided	KSC-15	Schwartz Rd. Landfill	Not provided.	100 % Onsite Retention	Completed	2014	1,341	257	A	123	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-16	Closed Basin 4 (Spoil Site – Static Test Rd.)	Not provided.	100 % Onsite Retention	Completed	2014	844	161	A	68	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-17	Impounded Areas	Not provided.	100 % Onsite Retention	Completed	2014	2,444	150	A	1,655	\$62,406	Not provided	Not provided	\$62,406	N/A
Kennedy Space Center	Not provided	KSC-18	Depressional Storage (22nd St. to 28th St.)	Not provided.	100 % Onsite Retention	Completed	2014	4,139	228	A	1,008	\$491,976	Not provided	Not provided	\$491,976	N/A
Kennedy Space Center	Not provided	KSC-19	Depressional Storage (Jerome Rd. to 22nd St.)	Not provided.	100 % Onsite Retention	Completed	2014	4,064	284	A	982	\$477,506	Not provided	Not provided	\$477,506	N/A
Kennedy Space Center	Not provided	KSC-20	Demolition of Facilities M7-1521 and M7-1522	Not provided.	Land Use Change	Completed	2014	7	2	A	1	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-21	Demolition of Facility M6-0339	Not provided.	Land Use Change	Completed	2014	7	2	A	1	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-22	Demolition of Facility M7-0862	Not provided.	Land Use Change	Completed	2015	0	0	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-23	Demolition of Facility M7-1012	Not provided.	Land Use Change	Completed	2015	0	0	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-24	Demolition of Facility M7-1061	Not provided.	Land Use Change	Completed	2015	15	4	A	1	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-25	Demolition of Facility M7-1112	Not provided.	Land Use Change	Completed	2015	2	1	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-26	Demolition of Facility M7-0961	Not provided.	Land Use Change	Completed	2015	16	4	A	1	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-27	Demolition of Facility K7-2468	Not provided.	Land Use Change	Completed	2015	0	0	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-28	Cut 13 Dredging	Maintenance dredging.	Muck Removal/ Restoration Dredging	Underway	2017	0	0	A	37	\$14,000,000	Not provided	Not provided	\$14,000,000	N/A
Patrick AFB	Not provided	PAFB-01	Youth Center Bldg. 3656	Added online retention.	Online Retention BMP	Completed	2013	3	1	B	2	Not provided	Not provided	Not provided	Not provided	N/A
Patrick AFB	Not provided	PAFB-02	Building 543 Replace Main Gate	Added online retention.	Online Retention BMP	Completed	2013	0	0	B	0	Not provided	Not provided	Not provided	Not provided	N/A
Patrick AFB	USACE	PAFB-03	Basin 6B No Discharge	No discharge.	100% Onsite Retention	Completed	Not provided	46	13	B	3	Not provided	Not provided	USAF	Not provided	N/A
Patrick AFB	USACE	PAFB-04	Basin 6C No Discharge	No discharge.	100 % Onsite Retention	Completed	Not provided	164	44	B	11	Not provided	Not provided	USAF	Not provided	N/A
Patrick AFB	Not provided	PAFB-05	Education Efforts	In addition to no fertilizer use on base, 212 personnel/ residents received initial stormwater awareness training in monthly newcomers' meetings; additional 347	Enhanced Public Education	Completed	N/A	367	97	B	N/A	Not provided	Not provided	USAF	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				personnel received stormwater awareness using ESOHTN website or in-person training; 204 Illicit Discharge Detection and Elimination (IDDE) informational brochures were distributed to residents, businesses, and base personnel in 2017. Two stormwater-related articles were published for distribution through base newspaper and website in 2017.												
Patrick AFB	Not provided	PAFB-06	Golf Course Pond Stormwater Reuse	Not provided.	Stormwater Reuse	Completed	2013	3,677	970	B	349	\$850,000	Not provided	USAF	\$850,000	N/A
Patrick AFB	Not provided	PAFB-07	Street Sweeping	9.8 tons of debris removed through sweeping of 5,055 mi of streets.	Street Sweeping	Underway	N/A	11	7	B	14,705	Not provided	\$119,000	USAF	Not provided	N/A
Patrick AFB	Not provided	PAFB-08	Demo Air Force Technical Applications Center (AFTEC) Bldg.	Demolition/loss of impervious area.	Land Use Change	Completed	Not provided	Not provided	Not provided	B	Not provided	N/A	N/A	N/A	N/A	N/A
Patrick AFB	Not provided	PAFB-09	Fuel Farm	Not provided.	Baffle Boxes – 2nd Generation	Completed	2016	Not provided	Not provided	B	Not provided	Not provided	Not provided	USAF	Not provided	N/A
Patrick AFB	Not provided	PAFB-10	South Patrick Dr. Baffle Box	Not provided.	Baffle Boxes – 2nd Generation	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Patrick AFB	Not provided	PAFB-11	Canal/Basin Clean Out	170 inlets/pipes/swales/ponds were inspected, and 89 maintenance stormwater systems were performed in 2017.	Online Retention BMP	Completed	2017	71	29	B	N/A	\$134,500	\$134,500	USAF	\$134,500	N/A
Patrick AFB	USACE	PAFB-12	Ponds Without Discharge	Documenting no discharge from existing retention ponds. Subbasins 11A, 18A, and 18B.	Impoundment	Completed	2017	TBD	TBD	B	87	Not provided	Not provided	USAF	Not provided	N/A
Patrick AFB	USACE	PAFB-13	Dry Detention Ponds after 2000	Documenting treatment from existing completed ERP projects that	Dry Detention Pond	Completed	2016	TBD	TBD	B	144	Not provided	Not provided	USAF	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				were not included in PLSM.												
Patrick AFB	USACE	PAFB-14	Golf Course MAPS Install	Install 4 MAPS at golf course within retention ponds.	Floating Islands/MAPS	Underway	2018	TBD	TBD	B	3	Not provided	\$2,000	USAF	Not provided	N/A
Patrick AFB	USACE	PAFB-15	TMDL Monitoring and Data Collection	Collect stormwater and baseflow nutrient concentrations and rainfall data from 5 monitoring stations; collect baseflow and stormwater runoff flow volume data and groundwater elevation data from 6 monitoring stations.	Monitoring/Data Collection	Underway	2018	N/A	N/A	B	N/A	\$1,850,000	\$370,000	USAF	\$1,850,000	N/A
Patrick AFB	FEMA/ Installation Restoration Program (IRP)/ U.S. Air Force Civil Engineer Center (AFCEC)	PAFB-16	Shoreline Stabilization Projects	West of Runway 11/29: 490 LF of riprap, 780 LF of marsh sill barrier (living shoreline) and planting native marsh grasses between existing shoreline and breakwater. Eastern Portion of Landfill No. 5 along Survival Canal: 2,570 LF of riprap, 256 LF of living shoreline, and plantings of native species in upland areas. Western Patrick AFB Shoreline: Patrick AFB Banana River shoreline permit issued, awaiting USACE permit.	Shoreline Stabilization	Underway	2019	TBD	TBD	B	249	\$11,676,000	TBD	USAF/ Air Force Environmental Restoration Account (AFERA)	\$11,676,000	N/A
Patrick AFB	Not provided	PAFB-17	Public Education	Six outreach events were held: Annual Spring Beach Cleanup; Patrick AFB Riverside Cleanup; Earth Day Memorial Tree Planting; Earth Day	Enhanced Public Education	Completed	2017	N/A	N/A	B	N/A	Not provided	N/A	USAF	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Outreach at Base Exchange (BX); Space Wing Family Day; and Patrick AFB Fall Beach Cleanup.												
Patrick AFB	Not provided	PAFB-18	Manatee Cove Marina Entrance Dredging Project	Removed 2,500 cubic yds of sand from Manatee Cove Marina entrance.	Muck Removal/ Restoration Dredging	Completed	2017	TBD	TBD	B	N/A	Not provided	Not provided	USAF	TBD	N/A
Patrick AFB	N/A	PAFB-19	Wetlands as Filters	Jurisdictional wetlands consist of 4 canals directly connected to Banana River totaling 35.7 surface ac.	Natural Wetlands as Filters	Planned	TBD	TBD	TBD	B	TBD	N/A	N/A	USAF	N/A	N/A

IRL – Central IRL (CIRL) BMAP

Background

The CIRL BMAP covers 476,469 acres of the IRL Basin, which lies between Melbourne and Fort Pierce, and extends north-south from the Melbourne Causeway south to the boundary between Indian River County and St. Lucie County.

DEP verified the IRL Basin as impaired because of excessive amounts of TN and TP, as evidenced by a decrease in seagrass distribution and by low DO. In March 2009, DEP adopted the nutrient and DO IRL Basin TMDLs, with a focus on the water quality conditions necessary for seagrass regrowth at the depth limits where seagrass historically grew in the basin, based on a multiyear composite of seagrass coverage. The CIRL BMAP was adopted in February 2013 to implement the TN and TP TMDL.

The CIRL BMAP is one of three separate BMAPs developed for the IRL subbasins because of its large size and hydrologic diversity. The CIRL was further divided into project zones (**Figure C-3**) with boundaries based on the distinct hydrology in different areas of the basin and their corresponding annual residence times. The zones are important because flushing times vary greatly among locations and consequently affect how nutrient reductions will impact these distinct areas. The project zones identify large areas where projects should be implemented to ensure that the load reductions achieve the desired response for each subbasin. The three project zones are as follows:

- **Central A** – Melbourne Causeway (US Hwy. 192) to the north tip of Grant Farm Island.
- **Central SEB** – Grant Farm Island to Wabasso Causeway (CR 510).
- **Central B** – Wabasso Causeway to the boundary between Indian River County and St. Lucie County.

This BMAP also encompasses a portion of the South IRL Subbasin extending to Fort Pierce Inlet and including the drainage areas for the Fort Pierce Farms Canal and C-25 Canal. Any projects provided by stakeholders in the South IRL are not a BMAP requirement, and the project schedule does not represent a compliance plan.

Status of Projects

Through December 31, 2017, 242 projects were completed. An additional 51 projects that are underway or planned were added to the BMAP. Allocations are currently being developed for the CIRL BMAP, and nutrient reductions associated with projects will be calculated to align with the allocation methodology. Once this is complete, future reports will contain information about TN and TP reductions in the CIRL BMAP.

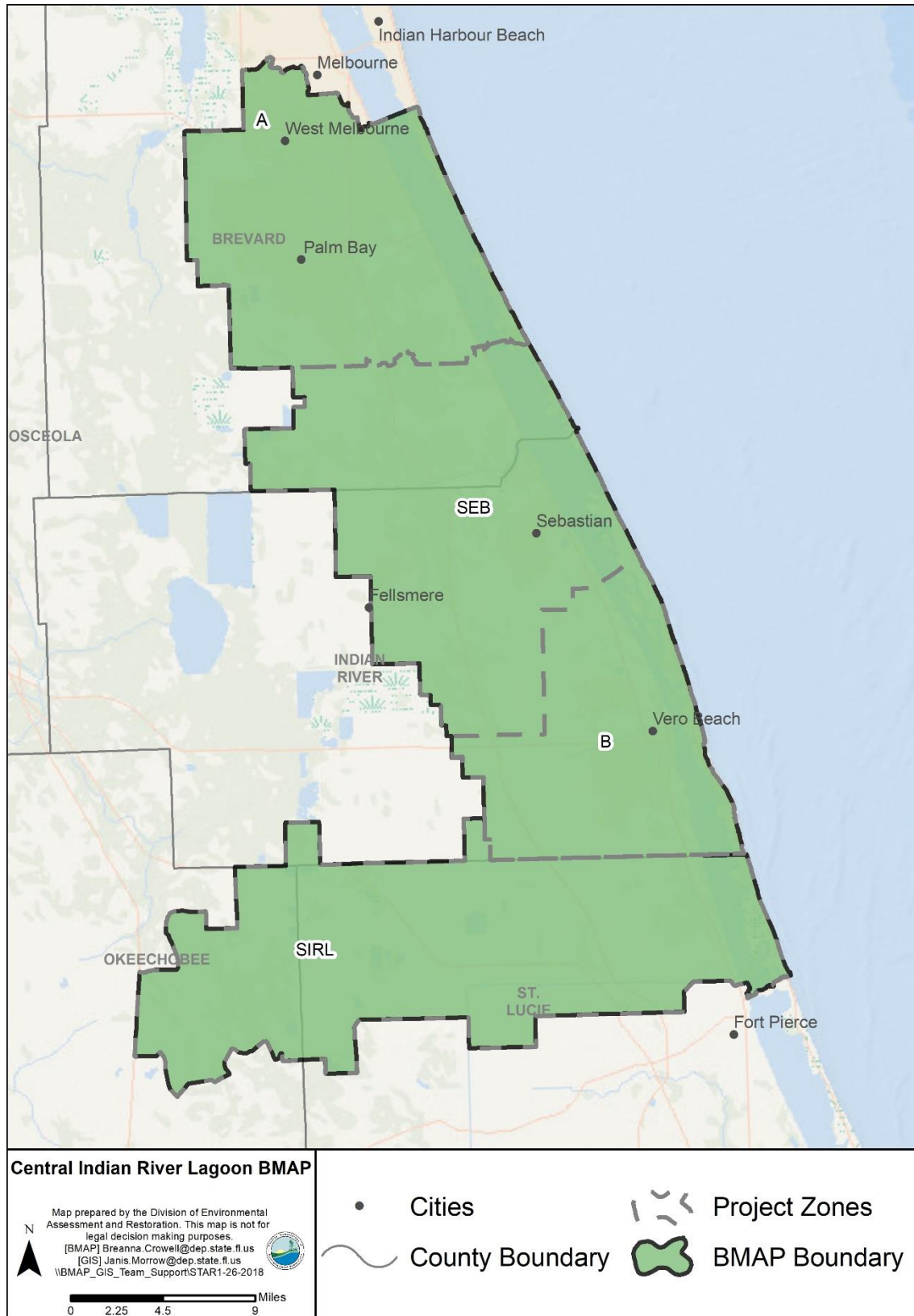


Figure C-7. CIRL BMAP area

Table C-3. CIRL BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Brevard County	N/A	BC-01	Tadlock and Goat Creek Baffle Box	Upgraded 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Boxes – 2nd Generation	Completed	2000	1.0	0.4	A	22.10	\$43,811	Not provided	Not provided	Not provided	Not provided
Brevard County	N/A	BC-02	Oak St. Drainage Improvements	Swale and baffle box.	BMP Treatment Train	Completed	2003	1.0	0.2	A	0.30	\$660,285	Not provided	Not provided	Not provided	Not provided
Brevard County	N/A	BC-03	Melbourne Shores Ponds	Pond helps alleviate flooding in south beaches and cleans stormwater runoff from 135.9-ac drainage basin.	Wet Detention Pond	Completed	2004	156.0	48.4	A	135.90	\$939,543	Not provided	County	Not provided	N/A
Brevard County	N/A	BC-04	Church Street Pond Clean Out	Removed vegetation from pond.	BMP Clean Out	Completed	2014	137.0	25.5	SEB	172.00	Not provided	Not provided	County	Not provided	N/A
Brevard County	N/A	BC-05	Education Efforts	FYN, fertilizer and pet waste ordinances, PSAs, pamphlets, website, Illicit Discharge Program.	Education Efforts	Underway	N/A	N/A	N/A	Countywide	N/A	\$90,000	N/A	County	N/A	N/A
Brevard County	N/A	BC-06	Street Sweeping	Remove debris from 786 LFof curb street throughout county.	Street Sweeping	Underway	N/A	113.0	72.0	A and SEB	N/A	N/A	\$147,076	Not provided	Not provided	Not provided
Brevard County	DEP	BC-07	Valkaria Lakes	Converted borrow pits into detention ponds for stormwater treatment.	Wet Detention Pond	Completed	2014	700.0	166.1	A	457.70	\$261,000	Not provided	DEP/ County	Not provided	G0249
Brevard County	DEP	BC-08	Wheeler Properties (Sebastian River Improvements)	Wet detention pond and wetland enhancement.	Wet Detention Pond	Completed	2012	28,760.0	9,259.6	SEB	16,403.50	\$3,500,000	\$2,000	DEP	Not provided	S0436/G0390
Brevard County	DEP	BC-09	Micco I	Exfiltration and denitrification.	BMP Treatment Train	Completed	2016	157.0	11.8	SEB	52.00	\$175,599	\$1,000	DEP	Not provided	G0358
Brevard County	N/A	BC-10	Micco B	Not provided.	Dry Detention Pond	Canceled	N/A	N/A	N/A	SEB	N/A	N/A	N/A	N/A	N/A	N/A
Brevard County	DEP	BC-11	Mockingbird Pond	Installation of floating vegetated island in existing stormwater retention pond to provide additional nutrient removal.	Floating Islands/ MAPS	Completed	2017	27.0	3.3	SEB	26.70	\$10,923	\$2,385	DEP	Not provided	G0430

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Brevard County	N/A	BC-12	Church Street Pond MAPS	Installation of floating vegetated island in existing stormwater retention pond to provide additional nutrient removal.	Floating Islands/ MAPS	Completed	2010	217.0	37.1	SEB	172.10	\$4,212	\$2,106	Not provided	Not provided	N/A
Brevard County	DEP	BC-13	Wheeler Flemming Grant	Construction of wet detention pond to help remove nitrogen and phosphorus from stormwater adjacent to Fleming Grant Rd. in southeastern Brevard County.	Wet Detention Pond	Completed	2016	745.0	316.5	SEB	134.40	\$645,073	\$2,000	DEP	Not provided	G0396
Brevard County	N/A	BC-14	Fountainhead	982,300 lbs of vegetation removed using 113 dump trucks.	Aquatic Vegetation Harvesting	Completed	2013	890.0	273.1	A	Not provided	\$39,274	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-15	Corey Rd. at Hall	Upgraded 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – 2nd Generation	Completed	2015	36.0	2.8	A	51.80	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-16	430 Riverview	Upgraded 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box Box – 2nd Generation	Completed	2015	7.0	0.7	A	7.55	\$30,508	Not provided	DEP	Not provided	S0648
Brevard County	SJRWMD	BC-17	C-1 Rediversion	Project is designed to help restore natural drainage flow from west side of Palm Bay back to St. Johns River.	Hydrologic Restoration	Completed	2015	35,565.0	2,038.0	A	Not provided	\$531,051	Not provided	SJRWMD	Not provided	S0652
Brevard County	N/A	BC-18	Baffle Box/ Sediment Trap Cleaning	Increasing clean-out frequency to quarterly.	BMP Clean Out	Completed	Not provided	1.0	1.0	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-19	Turkey Creek Dredging	230,000 cubic yds of material collected.	Muck Removal/ Restoration Dredging	Completed	2017	Not provided	Not provided	A	N/A	\$20,000,000	Not provided	DEP	Not provided	S0714
Brevard County	DEP	BC-20	Multiple Ditch Outfall Denitrification D3	Providing baseflow/ groundwater treatment in 20	Denitrification Walls	Planned	TBD	TBD	TBD	A and SEB	TBD	\$1,182,858	TBD	DEP	TBD	LP0511A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				open drainage basins.												
Brevard County	N/A	BC-21	Kingsmill Aurora Phase II	Construction of 5-ac pond with weirs, drop structures, etc.	Wet Detention Pond	Underway	2018	6,264.0	814.0	A and SEB	1,212.80	\$990,000	TBD	TBD	TBD	N/A
City of Fellsmere	N/A	F-01	State St. Improvements and Stormwater Lake Project	Not provided.	Wet Detention Pond	Completed	Not provided	71.5	19.9	SEB	49.60	Not provided	Not provided	Not provided	Not provided	N/A
City of Fellsmere	N/A	F-02	Senior League Field Park Improvements	Not provided.	Wet Detention Pond	Completed	2008	1.0	0.1	SEB	11.50	Not provided	Not provided	Not provided	Not provided	N/A
City of Fellsmere	N/A	F-03	City Hall/Orange St. Project	Not provided.	Wet Detention Pond	Planned	TBD	TBD	TBD	SEB	7.60	TBD	TBD	TBD	TBD	N/A
City of Fellsmere	N/A	F-04	Sunrise Apartments Phase 1 and 2	Not provided.	Wet Detention Pond	Completed	2009	18.0	7.4	SEB	36.20	Not provided	Not provided	Not provided	Not provided	N/A
City of Fellsmere	N/A	F-05	Grace Meadows Subdivision	Not provided.	Wet Detention Pond	Completed	2009	4.5	1.5	SEB	18.30	Not provided	Not provided	Not provided	Not provided	N/A
City of Fellsmere	N/A	F-07	Solid Waste Transfer Station	Not provided.	Wet Detention Pond	Completed	2008	1.0	0.3	SEB	5.10	Not provided	Not provided	Not provided	Not provided	N/A
City of Fellsmere	N/A	F-08	Fertilizer Ordinance	Ordinance.	Regulations, Ordinances, and Guidelines	Completed	N/A	N/A	N/A	SEB	N/A	N/A	N/A	N/A	N/A	N/A
City of Fellsmere	SJRWMD/ Property Owner	F-09	North Regional Lake	Not provided.	Wet Detention Pond	Completed	Not provided	TBD	TBD	SEB	22.00	\$615,000	\$10,000	SJRWMD	\$500,000	N/A
City of Fellsmere	SJRWMD/ Property Owner	F-10	South Regional Lake	Created wetland flow through system.	BMP Treatment Train	Planned	2016	TBD	TBD	SEB	450.00	\$787,187	\$5,000	SJRWMD	\$500,000	N/A
City of Fellsmere	N/A	F-11	Alleyway Grading	Convert alleyway system into stormwater treatment system.	Grass Swales with Swale Blocks or Raised Culverts	Planned	TBD	TBD	TBD	SEB	640	\$1,260,000	\$20,000	City/ Grants	TBD	N/A
City of Fellsmere	N/A	F-12	Stormwater Greenway	Convert unused rights-of-way into stormwater greenways.	Bioswales	Planned	TBD	TBD	TBD	SEB	220	\$1,750,000	\$30,000	City/ Grants	TBD	N/A
City of Fellsmere	N/A	F-13	Additional Regional Treatment	Lake or treatment train system (additional 40 ac required).	Wet Detention Ponds	Planned	TBD	TBD	TBD	SEB	220	\$2,080,000	\$50,000	City/ Grants	TBD	N/A
City of Fellsmere	N/A	F-14	Road culverts, stormwater conveyance, paving	Reconstruct road culverts, stormwater conveyance, paving.	Grass Swales with Swale Blocks or Raised Culverts	Planned	TBD	TBD	TBD	SEB	TBD	\$13,000,000	TBD	City/ Grants	TBD	N/A
City of Fellsmere	N/A	F-15	Microsystem Basins	Construct microsystem basins for	BMP Treatment Train	Planned	TBD	TBD	TBD	SEB	TBD	\$1,000,000	TBD	City/ Grants	TBD	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				stormwater treatment.												
City of Fellsmere	N/A	F-16	Stormwater Data Inventory	Develop stormwater data inventory system.	Study	Planned	TBD	TBD	TBD	SEB	TBD	\$200,000	TBD	City/ Grants	TBD	N/A
City of Fort Pierce	N/A	FP-05	Street Sweeping	6,599 cubic yds of material.	Street Sweeping	Underway	N/A	TBD	TBD	SIRL	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Fort Pierce	N/A	FP-07	Education Efforts	Stormwater education shows, pamphlets, presentations, storm drain stenciling, Illicit Discharge Program, and adopted fertilizer ordinance.	Education Efforts	Underway	N/A	TBD	TBD	SIRL	N/A	N/A	N/A	N/A	N/A	N/A
City of Melbourne	N/A	MEL-01	Fee and Apollo Drainage Improvements	No treatment is provided within existing development; water quality addition.	Wet Detention Pond	Completed	2011	37.0	92.4	A	77.00	\$525,161	Not provided	City	\$525,161	N/A
City of Melbourne	N/A	MEL-02	Education Efforts	Irrigation, fertilizer, pet waste management, and landscaping ordinances; pamphlets, presentations, website, Illicit Discharge Program.	Education Efforts	Underway	N/A	N/A	N/A	A	N/A	Not provided	Not provided	City	Not provided	N/A
City of Melbourne	N/A	MEL-03	Street Sweeping	Street sweeping in basin and debris removal.	Street Sweeping	Underway	N/A	TBD	TBD	A	N/A	Not provided	Not provided	City	Not provided	N/A
City of Melbourne	N/A	MEL-04	Participation in FYN	Participation in FYN Program.	Education Efforts	Underway	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Melbourne	N/A	MEL-05	South Croton Baffle Box	Dry retention and baffle box.	BMP Treatment Train	Canceled	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Melbourne	N/A	MEL-06	Southwest Park Improvements near Florida Ave.	Installation of baffle box along with pipe replacement.	Baffle Boxes – 2nd Generation with Media	Completed	2017	66.0	8.0	A	48.00	\$582,153	Not provided	City	\$582,153	N/A
City of Melbourne	N/A	MEL-07	Melbourne Ave. Existing Baffle Box Upgrade	Upgrade existing 1st-generation baffle boxes to 2nd-generation baffle boxes with BAM.	Baffle Boxes – 2nd Generation with Media	Completed	2016	36.8	7.7	A	12.90	\$12,000	Not provided	City	\$12,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Melbourne	SOIRL	MEL-08	Penwood Septic to Sewer Conversion	Providing for 12 lots (4 existing and 8 proposed) to be converted to municipal sewer.	Wastewater Service Area Expansion	Planned	TBD	TBD	TBD	A	TBD	\$60,000	TBD	City/SOIRL	\$40,632	N/A
City of Melbourne	SOIRL	MEL-09	Riverview Park Living Shoreline	Construction of living shoreline with oyster breakwater.	Creating/Enhancing Living Shoreline	Planned	TBD	TBD	TBD	A	TBD	\$440,000	TBD	City/SOIRL	\$108,790	N/A
City of Melbourne	SOIRL	MEL-10	Hoag Septic to Sewer Conversion	Providing for 12 lots (7 existing and 5 proposed) to be converted to municipal sewer.	Wastewater Service Area Expansion	Planned	TBD	TBD	TBD	A	TBD	\$105,000	TBD	City/SOIRL	\$86,031	N/A
City of Melbourne	SOIRL	MEL-11	Grant Pl. Baffle Box	2nd-generation baffle box with BAM.	2nd-Generation Baffle Box with BAM	Planned	2019	TBD	TBD	A	103	\$400,000	TBD	City/SOIRL	\$82,481	N/A
City of Melbourne	SOIRL	MEL-12	Roxy Septic to Sewer Conversion	Five lots with septic systems to be converted to municipal sewer.	Wastewater Service Area Expansion	Planned	2018	TBD	TBD	A	TBD	\$265,000	TBD	City/SOIRL	\$88,944	N/A
City of Palm Bay	N/A	PB-01	Basin 11	Not provided.	Muck Removal /Restoration Dredging	Completed	2009	Not provided	Not provided	A	Not provided	\$1,866,695	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-02	Chace Lane Pond Modifications	Not provided.	Dry Detention Pond	Completed	2001	62.0	8.3	A	91.19	\$20,290	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-03	Glenham Dr. Sidewalks Improvements	Not provided.	Dry Detention Pond	Completed	2014	9.0	1.4	A	12.20	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-04	Basin 7 Stormwater Improvements Phase II	Not provided.	Wet Detention Pond	Completed	2009	387.0	124.0	A	146.50	\$79,109	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-05	Boundary Canal Trail Phase 3	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2014	16.0	11.2	A	365.90	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-06	Boundary Canal Phase II Stormwater Improvement	Not provided.	Online Retention BMPs	Completed	2014	Not provided	Not provided	A	632.70	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-07	Boundary Canal Phase I Baffle Box Installation	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2014	10.0	4.8	A	632.70	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-08	Norwood Street Baffle Box Installation	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2014	26.0	22.6	A	528.80	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Palm Bay	N/A	PB-09	Basin 1 Drainage Improvements Phase 1 (east of US Hwy. 1)	Not provided.	Wet Detention Pond	Completed	2007	33.0	5.9	A	136.5	\$22,247	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-10	Basin 13 Stormwater Improvements	Not provided.	Wet Detention Pond	Completed	2006	65.0	12.2	A	42.38	\$200,419	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-11	Powell's Subdivision Paving and Drainage Improvements	Not provided.	Wet Detention Pond	Completed	2000	124.0	53.9	A	123.56	\$147,478	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-12	Port Malabar Unit 40 Drainage Improvements North	Not provided.	Wet Detention Pond	Completed	2015	468.0	109.6	A	224.33	\$23,778	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-13	Mandarin Ditch (South)	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2006	285.0	39.6	A	73.04	\$308,797	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-14	Basin 3 Main St. Parking Lot	Not provided.	Pervious Pavement	Completed	2008	TBD	TBD	A	346.05	\$4,845	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-15	Basin 3 Main St. Improvements Channel Alignment	Not provided.	Other Structural BMP	Completed	2010	1,475.0	192.8	A	358.60	\$403,561	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-16	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	57.0	36.0	A	N/A	\$8,900	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-17	Turkey Creek Maintenance Dredging	Not provided.	Muck Removal/ Restoration Dredging	Completed	2007	Not provided	Not provided	A	Not provided	\$255,241	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-18	Turkey Creek Maintenance Dredging – Sump	Not provided.	Muck Removal/ Restoration Dredging	Completed	2014	Not provided	Not provided	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-19	Anglers Dr.	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2008	0.5	0.3	A	12.12	\$85,000	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-20	Worth Court	Not provided.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	2014	0.1	0.1	A	5.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	SJRWMD/ DEP	PB-21	Basin 9 (Harris Pond)	Not provided.	Wet Detention Pond	Completed	2010	Not provided	Not provided	A	442.52	\$294,519	Not provided	SJRWMD/ DEP	Not provided	Not provided
City of Palm Bay	N/A	PB-22	Wild Rose BMP	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2014	Not provided	Not provided	A	4.59	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-24	Port Malabar Inlet Inserts	Not provided.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	2010	Not provided	Not provided	A	29.25	\$19,518	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-25	Kent Street Baffle Box	Not provided.	Baffle Boxes –	Completed	2009	1.0	3.4	A	20.77	\$50,000	Not provided	Not provided	Not provided	N/A

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					1st Generation (hydrodynamic separator)											
City of Palm Bay	N/A	PB-26	PMU1 North (Florin Pond)	Not provided.	Dry Detention Pond	Completed	2000	26.0	5.9	A	25.86	\$150,000	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-27	Education Efforts	FYN, ordinances, pamphlets, PSAs, website, Illicit Discharge Program.	Education Efforts	Underway	N/A	N/A	N/A	A	N/A	\$1,866,695	N/A	N/A	N/A	N/A
City of Palm Bay	N/A	PB-28	Vance Cir. – Drainage Improvements	Not provided.	Catch Basin Inserts/Inlet Filter Cleanout	Canceled	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Palm Bay	DEP	PB-29	Basin 1 Drainage Improvements Phase 1	Baffle box, modular wetlands, and upward filter.	BMP Treatment Train	Completed	2017	Not provided	Not provided	A	175.0	\$250,000	Not provided	DEP	\$250,000	S0876
City of Palm Bay	N/A	PB-30	Troutman/ Clearmond Drainage Pond	Roadway widening from rural to urban section with underground drainage.	Dry Detention Pond	Completed	2014	Not provided	Not provided	A	7.9	\$5,400,000	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-31	Port Malabar Drainage Improvements Central	Modification of existing drainage system redesigned to promote infiltration of stormwater runoff. System has perforated piping, baffles, and infiltration trenches to encourage percolation.	Other Structural BMP	Completed	2013	Not provided	Not provided	A	11.8	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	N/A	PB-32	Kingswood Drainage Pond	Modification and expansion of existing drainage pond to provide additional stormwater capacity, attenuation, and treatment.	Dry Detention Pond	Completed	2015	Not provided	Not provided	A	62.4	Not provided	Not provided	Not provided	Not provided	N/A
City of Palm Bay	DEP	PB-33	Basin 3 Bayfront Community SW Improvements (Koske Pond Phase 1)	Baffle box, modular wetlands, and upward filter.	BMP Treatment Train	Completed	2017	Not provided	Not provided	A	Not provided	\$500,000	Not provided	DEP	\$500,000	S0801

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City of Palm Bay	SJRWMD/DEP	PB-34	Stormwater Treatment at City Marina	Baffle box, modular wetlands, and upward filter.	BMP Treatment Train	Planned	TBD	TBD	TBD	A	TBD	\$400,000 \$490,050 (33 %)	TBD	SJRWMD/DEP	TBD	LP05073/ 28751
City of Palm Bay	N/A	PB-35	Education Efforts	FYN, ordinances, pamphlets, PSAs, website, Illicit Discharge Program.	Education Efforts	Underway	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Palm Bay	N/A	PB-37	Norwood Baffle Box Retrofit	N/A	Baffle Box	Canceled	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Palm Bay	N/A	PB-38	Victoria Pond	N/A	Baffle Box	Canceled	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Palm Bay	N/A	PB-39	Goode Park	N/A	Baffle Box	Canceled	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Palm Bay	N/A	PB-40	Florin Pond	N/A	Baffle Box	Canceled	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
City of Palm Bay	N/A	PB-41	Turkey Creek Shoreline Restoration	Bayfront shoreline restoration to place fill addressing hurricane erosion damage from 2016 and 2017.	Shoreline Stabilization	Planned	TBD	TBD	TBD	A	TBD	\$180,000	TBD	DEO	DEO – \$177,300 City – \$2,700	N/A
City of Palm Bay	N/A	PB-42	Unit 48 Drainage Improvements – Emerson	Expansion of wet detention system and adjustment of control structures.	Wet Detention Pond	Planned	2019	TBD	TBD	A	TBD	TBD	TBD	City	TBD	N/A
City of Palm Bay	Brevard County/ Brevard Zoo	PB-43	Bayfront/Palm Bay Living Shoreline at Turkey Creek	Installation of oyster mats and plantings to uptake nutrients from sheetflow.	Creating/Enhancing Living Shoreline	Planned	2019	TBD	TBD	A	TBD	\$113,000	TBD	Brevard County	\$113,000	N/A
City of Palm Bay	N/A	PB-44	Basin 3 Bayfront Community SW Improvements (Koske Pond Phases 2 and 3)	Expansion of wet pond.	Wet Detention Pond	Planned	2019	TBD	TBD	A	TBD	TBD	\$200	TBD	TBD	N/A
City of Palm Bay	N/A	PB-45	Basin 1 Drainage Improvements Phase 2B Victoria Pond (west of US 1)	Baffle box and upflow filter.	BMP Treatment Train	Planned	2019	TBD	TBD	A	175	TBD	TBD	TBD	TBD	N/A
City of Sebastian	N/A	SEB-01	Main Street/ Indian River Dr. Improvements	Not provided.	Dry Detention Pond	Completed	2009	68.0	17.9	SEB	5.60	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-02	Main Street 4	Not provided.	Dry Detention Pond	Planned	TBD	TBD	TBD	SEB	TBD	TBD	TBD	TBD	TBD	N/A
City of Sebastian	N/A	SEB-03	T-Hangar Development/ Access Roads	Not provided.	Dry Detention Pond	Completed	2004	1.0	0.1	SEB	2.20	Not provided	Not provided	Not provided	Not provided	N/A

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City of Sebastian	N/A	SEB-04	Louisiana Ave. Improvements Projects	Not provided.	Dry Detention Pond	Completed	2004	0.0	0.1	SEB	2.60	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-05	Twin Ditches Stormwater Retrofit	Not provided.	Wet Detention Pond	Completed	2007	209.0	105.5	SEB	176.60	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-06	Indian River Dr. and Davis St. Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2009	1.0	0.8	SEB	21.80	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	DEP	SEB-07	Periwinkle Dr. Stormwater	Not provided.	Wet Detention Pond	Completed	2008	4.0	0.7	SEB	47.50	Not provided	Not provided	DEP	Not provided	G0200
City of Sebastian	DEP	SEB-08	Collier Canal Stormwater Retrofit	Not provided.	Wet Detention Pond	Completed	2010	1,529.0	387.8	SEB	531.60	Not provided	Not provided	DEP	Not provided	G0235
City of Sebastian	N/A	SEB-09	Schumann Park Improvements	Not provided.	Dry Detention Pond	Completed	2009	1.0	0.1	SEB	4.10	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-10	Fertilizer Ordinance	Ordinance.	Regulations, Ordinances, and Guidelines	Completed	N/A	N/A	N/A	SEB	N/A	N/A	N/A	N/A	Not provided	N/A
City of Sebastian	N/A	SEB-11	Airport Dr.	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Canceled	N/A	N/A	N/A	SEB	N/A	N/A	N/A	N/A	N/A	N/A
City of Sebastian	N/A	SEB-12	Presidential St.	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	Not provided.	Not provided.	Not provided.	SEB	15.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-13	Powerline Rd.	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2014	Not provided.	Not provided.	SEB	2.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-14	Septic Tank Effluent Pumping (STEP) Septic System	Not provided.	OSTDS Enhancement	Canceled	N/A	N/A	N/A	SEB	N/A	N/A	N/A	N/A	N/A	N/A
City of Sebastian	N/A	SEB-15	Collier Canal Dredge	Not provided.	Muck Removal/ Restoration Dredging	Completed	2009	Not provided.	Not provided.	SEB	22.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-16	Stormwater Park	Not provided.	Wet Detention Pond	Completed	2010	Not provided.	Not provided.	SEB	162.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-17	Presidential Street	Not provided.	Filter Baffle Boxes	Completed	2012	Not provided.	Not provided.	SEB	24.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-18	Water Quality Testing	Not provided.	Monitoring/ Data Collection	Completed	2016	Not provided.	Not provided.	SEB	24.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-19	Drainage Improvements	Not provided.	BMP Treatment Train	Completed	2016	Not provided.	Not provided.	SEB	0.73	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-20	Tulip Drainage	Not provided.	Online Retention BMPs	Completed	2016	Not provided.	Not provided.	SEB	3.51	Not provided	Not provided	Not provided	Not provided	N/A
City of Sebastian	N/A	SEB-21	Septic to Sewer	13 septic systems converted to central sewer.	Wastewater Service Area Expansion	Underway	TBD	TBD	TBD	SEB	TBD	Not provided	Not provided	Not provided	Not provided	N/A

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City of Sebastian	N/A	SEB-22	Oyster Point Baffle Box	Baffle box.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Planned	TBD	TBD	TBD	SEB	TBD	TBD	TBD	TBD	TBD	N/A
City of Sebastian	Council	SEB-23	Oyster Promulgation Project	Install oyster reef.	Creating/ Enhancing Oyster Reefs	Planned	2018	TBD	TBD	SEB	TBD	TBD	TBD	IRL Council	TBD	N/A
City of Vero Beach	DEP	VB-01	Date Palm Baffle Box	Suntree baffle box with Bold and Gold™ media.	Baffle Boxes – 2nd Generation	Completed	2017	9.0	1.0	B	6.70	\$186,396	\$1,000	DEP	Not provided	G0242
City of Vero Beach	N/A	VB-02	10th and 12th Ave. Baffle Boxes	Includes ESI Ecovault® with debris collection screen and baffle.	Baffle Boxes – 2nd Generation	Completed	2011	127.0	17.5	B	69.90	\$97,800	\$1,000	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-03	Greytwig Baffle Box	Includes ESI Ecovault® with debris collection screen and baffle.	Baffle Boxes – 2nd Generation	Completed	2011	21.0	2.4	B	9.80	\$75,000	\$1,000	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-04	Fertilizer Ordinance	Ordinance.	Regulations, Ordinances, and Guidelines	Completed	N/A	N/A	N/A	B	N/A	N/A	N/A	N/A	N/A	N/A
City of Vero Beach	N/A	VB-05	STEP Septic System	Not provided.	OSTDS Enhancement	Underway	Not provided.	Not provided.	Not provided.	B	Not provided.	\$500,000	Not provided	Not provided	Not provided	N/A
City of Vero Beach	DEP	VB-06	18th St. Outfall	Not provided.	Baffle Boxes – 2nd Generation	Completed	2013	Not provided.	Not provided.	B	131.1	Not provided	Not provided	DEP	Not provided	G0356
City of Vero Beach	DEP	VB-07	Humiston Park Outfall	Not provided.	Exfiltration Trench	Completed	2010	Not provided.	Not provided.	B	39.8	Not provided	Not provided	DEP	Not provided	G0228
City of Vero Beach	N/A	VB-08	Bahia Mar Rd. Outfall	Not provided.	Baffle Boxes – 2nd Generation	Completed	2012	Not provided.	Not provided.	B	13.3	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-09	Bay Dr. Bridge	Not provided.	Baffle Boxes – 2nd Generation	Completed	2010	Not provided.	Not provided.	B	1.9	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-10	Indian Bay North and South	Not provided.	Baffle Boxes – 2nd Generation	Completed	2012	Not provided.	Not provided.	B	20.1	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-11	Live Oak Outfall	Not provided.	Baffle Boxes – 2nd Generation	Completed	2011	Not provided.	Not provided.	B	11.7	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-12	Indian River Dr. E at Conn Way	Not provided.	Baffle Boxes – 2nd Generation	Completed	2012	Not provided.	Not provided.	B	68.5	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-13	River Dr. Bridge	Not provided.	Baffle Boxes – 2nd Generation	Completed	2010	Not provided.	Not provided.	B	60.8	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-14	Lantana Lane	Not provided.	Pervious Pavement	Completed	2014	Not provided.	Not provided.	B	38.4	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-15	Royal Palm Pointe	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2001	Not provided.	Not provided.	B	Not provided.	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-16	Deep Injection Well	Not provided.	Deep Injection Well	Completed	2010	Not provided.	Not provided.	B	Not provided.	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-17	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	683.0	430.0	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A

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City of Vero Beach	N/A	VB-18	Country Club Dr. Outfall	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	Not provided.	Not provided.	Not provided.	B	20.1	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-19	Mockingbird Dr. / Iris Lane	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	Not provided.	Not provided.	Not provided.	B	68.5	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-20	Vero Isles Inlet Retrofits	Not provided.	Pervious Pavement	Underway	Not provided.	Not provided.	Not provided.	B	51.21	Not provided	Not provided	Not provided	Not provided	N/A
City of Vero Beach	N/A	VB-21	McAnsh Park Inlet Retrofits	Not provided.	Pervious Pavement	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Vero Beach	N/A	VB-22	Original Town Inlet Retrofits	Not provided.	Pervious Pavement	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Vero Beach	N/A	VB-23	BMP Maintenance	Not provided.	Catch Basin Inserts/ Inlet Filter Clean Out	Completed	Not provided.	190.0	114.0	B	Not provided.	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-01	Westbrooke	Not provided.	Wet Detention Pond	Completed	2004	41.0	4.3	A	169.00	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-02	Saddlebrook	Not provided.	Wet Detention Pond	Completed	2004	1.0	0.2	A	40.20	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-03	Stratford Point	Not provided.	Wet Detention Pond	Completed	2004	25.0	3.1	A	83.70	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-04	Oak Grove	Not provided.	Wet Detention Pond	Completed	2010	22.0	2.2	A	91.40	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-05	Manchester Lakes	Not provided.	Wet Detention Pond	Completed	2007	16.0	1.1	A	133.30	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-06	Havens at Riviera	Not provided.	Wet Detention Pond	Completed	2009	6.0	0.6	A	22.90	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-07	Cypress/Creek Imagine Schools	Not provided.	Wet Detention Pond	Completed	2009	15.0	1.7	A	72.00	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-08	Lynnwood	Not provided.	Wet Detention Pond	Completed	2006	2.0	0.6	A	28.30	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-09	Coastal Commerce	Not provided.	Wet Detention Pond	Completed	2009	18.0	2.7	A	59.90	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-10	Hammock Landing	Not provided.	Wet Detention Pond	Completed	2009	11.0	0.8	A	76.10	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-11	Crystal Lakes	Not provided.	Wet Detention Pond	Completed	2009	17.0	6.4	A	91.00	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-12	Orange View Dr.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	69.0	8.0	A	49.10	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-13	Stephenson Dr.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	21.0	2.6	A	14.10	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-14	Parker Rd.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	17.0	1.9	A	13.10	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-15	Laila Dr.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	31.0	3.5	A	21.90	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-16	Doherty Dr.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	107.0	16.5	A	66.00	Not provided	Not provided	Not provided	Not provided	N/A

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City of West Melbourne	N/A	WM-17	Trend Rd.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	12.0	1.4	A	8.80	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-18	San Paolo	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	8.0	1.5	A	2.70	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-19	San Paolo West	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	24.0	4.8	A	7.70	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-20	John Carrol	Not provided.	Baffle Boxes – 2nd Generation	Completed	2014	109.0	12.3	A	74.90	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-21	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	316.2	216.0	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-22	Inlet Cleaning	Not provided.	BMP Clean Out	Completed	Not provided	20.5	2.4	A	Not provided.	Not provided	Not provided	Not provided	Not provided	N/A
City of West Melbourne	N/A	WM-23	Sawgrass Lakes Phase I	Not provided.	Wet Detention Pond	Completed	2015	Not provided	Not provided	A	508.44	Not provided	Not provided	Private	Not provided	N/A
City of West Melbourne	N/A	WM-24	Manchester Lakes	Not provided.	Wet Detention Pond	Completed	2016	Not provided	Not provided	A	133.02	Not provided	Not provided	Private	Not provided	N/A
FDOT District 4	N/A	FDOT4-01	FM # 228595-1 (Basin 4B)	Widening SR 60 between SR 9 and SR 91	Wet Detention Pond	Completed	2007	83.0	30.3	SEB	57.60	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-02	FM # 228620-1	Resurfacing SR 60 and SR A1A intersection	100 % Onsite Retention	Completed	2005	24.0	3.4	SEB	2.20	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-03	FM # 228615-1	Resurfacing SR 5 between CR 510 to just south of Harrison St.	Baffle Boxes – 2nd Generation	Completed	2007	117.0	33.2	B	59.80	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-04	FDOT4 Street Sweeping	Materials from roadway and gutter sweeping.	Street Sweeping	Underway	N/A	237.0	151.8	B and SEB	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-05	FM # 228583-5 (Pond 1)	Widening SR 5 from just south of Oslo Rd. to South Relief Canal	Wet Detention Pond	Completed	2010	65.0	41.6	B	22.40	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-06	FM # 228583-5 (Pond 2)	Widening SR 5 from just south of Oslo Rd. to South Relief Canal	Wet Detention Pond	Completed	2010	25.0	15.8	B	11.90	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-07	FM # 228627-1 (Pond 1)	Widening SR 60 between 82nd Ave. to 66th Ave.	Wet Detention Pond	Completed	2010	83.0	51.7	B	28.90	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-08	FM # 228627-1 (Pond 2)	Widening SR 60 between 82nd Ave. to 66th Ave.	Wet Detention Pond	Completed	2010	61.0	38.6	B	21.60	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-09	Education Efforts	Pamphlets and Illicit Discharge Program.	Education Efforts	Underway	N/A	N/A	N/A	B and SEB	N/A	N/A	N/A	Florida Legislature	N/A	N/A
FDOT District 4	N/A	FDOT4-10	Fertilizer Cessation	No longer fertilizing rights-of-way in watershed.	Fertilizer Cessation	Completed	2014	TBD	TBD	B and SEB	Not provided.	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT District 4	N/A	FDOT4-11	FM # 230132-1 (system 1)	Widening SR 615 between Ave. Q and Industrial Ave. Three and constructing new roadway between Industrial Ave. Three to SR 5 (System 1).	Dry Detention Pond	Completed	2001	Not provided	Not provided	SIRL, outside PLSM boundary	6.81	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-12	FM # 230132-1 (system 2)	Widening SR 615 between Ave. Q and Industrial Ave. Three and constructing new roadway between Industrial Ave. Three to SR 5 (System 2).	Dry Detention Pond	Completed	2001	Not provided	Not provided	SIRL, outside PLSM boundary	24.90	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-13	FM # 230132-1 (System 3)	Widening SR 615 between Ave. Q and Industrial Ave. Three and constructing new roadway between Industrial Ave. Three to SR 5 (System 3).	Dry Detention Pond	Completed	2001	Not provided	Not provided	SIRL, outside PLSM boundary	5.53	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-14	FM # 230132-1 (System 4)	Widening SR 615 between Ave. Q and Industrial Ave. Three and constructing new roadway between Industrial Ave. Three to SR 5 (System 4).	Dry Detention Pond	Completed	2001	Not provided	Not provided	SIRL, outside PLSM boundary	12.65	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-15	FM # 230132-1 (System 5)	Widening SR 615 between Ave. Q and Industrial Ave. Three and constructing new roadway between Industrial Ave. Three to SR 5 (System 5).	Wet Detention Pond	Completed	2001	Not provided	Not provided	SIRL, outside PLSM boundary	10.97	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-16	FM # 230132-1 (System 6)	Widening SR 615 between Ave. Q and Industrial Ave. Three and constructing new roadway between Industrial Ave.	Wet Detention Pond	Completed	2001	Not provided	Not provided	SIRL, outside PLSM boundary	4.71	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Three to SR 5 (System 6).												
FDOT District 4	N/A	FDOT4-17	FM # 230132-1 (System 7)	Widening SR 615 between Ave. Q and Industrial Ave. Three and constructing new roadway between Industrial Ave. Three to SR 5 (System 7).	100 % Onsite Retention	Completed	2001	Not provided	Not provided	SIRL, outside PLSM boundary	10.46	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-18	FM # 228583-3 (SR 5/US Hwy. 1)	Widening SR 5 from South Relief Canal to north of 4th St.	Wet Detention Pond	Completed	2014	52.6	28.7	B	17.25	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-19	FM # 230873-1 (27th Ave. Reconstruction)	27th Ave. reconstruction.	100 % Onsite Retention	Completed	2014	53.5	7.6	B	10.44	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-20	FM # 229966-1 (SR A1A at the Moorings)	Drainage improvements for SR A1A at Moorings (from north of Periwinkle Dr. to south of Harbour Dr.).	Grass Swales without Swale Blocks or Raised Culverts	Completed	2014	Not provided	Not provided	B	1.29	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-21	FM # 413048-1 (I-95 from St. Lucie/ Indian River County Line to North of SR 60)	Widening SR 9 from St. Lucie/ Indian River County Line to North of SR 60.	Dry Retention Pond	Completed	2016	985.1	377.9	B	181.75	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-22	FM # 411476-1 (Sebastian River Bridge Replacement Project)	SR A1A Sebastian River Bridge replacement.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2014	1.4	0.5	SEB	0.48	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-23	FM # 413049-2	Widening SR 9 from north of SR 60 to Indian River/ Brevard County line.	Grass Swales without Swale Blocks or Raised Culverts	Underway	2018	1,020.4	383.1	SEB	152.44	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-24	FM # 230279-1 (Kings Hwy.)	Constructing surface water management system for SR 713 (King's Hwy.).	Dry Detention Pond	Completed	2003	Not provided	Not provided	SIRL, outside PLSM boundary	12.52	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-25	FM # 413046-1	Widening SR 9 from south of SR 70 to south of Indrio Rd.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2014	Not provided	Not provided	SIRL, outside PLSM boundary	106.45	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT District 4	N/A	FDOT4-26	FM # 413047-1	Widening SR 9 from Indrio Rd. to Indian River County.	Grass Swales without Swale Blocks or Raised Culverts	Completed	2013	Not provided	Not provided	SIRL, outside PLSM boundary	41.42	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-27	FM # 230108-1 (Pond 1)	SR 68 from SR 9 to east of CR-607A: Widening and new lane construction (60 % credit, remaining 40 % to St. Lucie Estuary [SLE]).	Wet Detention Pond	Completed	2013	Not provided	Not provided	SIRL, outside PLSM boundary	4.95	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-28	FM # 230108-1 (Pond 4)	SR 68 from SR 9 to east of CR-607A: Widening and new lane construction (60 % credit; remaining 40 % to SLE).	Wet Detention Pond	Completed	2013	Not provided	Not provided	SIRL, outside PLSM boundary	4.96	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-29	FM # 228583-2 US 1 Widening (Pond 3)	Widening SR 5 from north of SR 713 to south of Oslo Rd. (Pond 3).	Wet Detention Pond	Completed	2016	112.5	65.0	SEB	39.86	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	City of Vero Beach	FDOT4-30	FM # 403596-1: SR 60 Resurfacing (20th St. Outfall)	Resurfacing SR 60 from 21st Ave. to Mockingbird Dr. (20th St. outfall).	Baffle Boxes – 2nd Generation	Completed	2008	316.0	60.0	SIRL	110.50	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	City of Vero Beach	FDOT4-31	FM # 403596-1: SR 60 Resurfacing (21st St. Outfall)	Resurfacing SR 60 from 21st Ave. to Mockingbird Dr. (21st St. outfall).	Baffle Boxes – 2nd Generation	Completed	2008	93.0	20.0	SIRL	23.40	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	City of Vero Beach	FDOT4-32	FM # 403596-1: SR 60 Resurfacing (23rd St. Outfall)	Resurfacing SR 60 from 21st Ave. to Mockingbird Dr. (23rd St. outfall).	Baffle Boxes – 2nd Generation	Completed	2008	518.0	106.0	SIRL	144.20	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	City of Vero Beach	FDOT4-33	FM # 403596-1: SR 60 Resurfacing (25th St. and Royal Palm Outfall) – Baffle Box #1	Resurfacing SR 60 from 21st Ave. to Mockingbird Dr. (25th St. and Royal Palm outfall) – Baffle Box # 1.	Baffle Boxes – 2nd Generation	Completed	2008	107.4	17.3	SIRL	50.97	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	City of Vero Beach	FDOT4-34	FM # 403596-1: SR 60 Resurfacing (25th St. and Royal Palm Outfall) – Baffle Box #2	Resurfacing SR 60 from 21st Ave. to Mockingbird Dr. (25th St. and Royal Palm outfall) – Baffle Box #2.	Baffle Boxes – 2nd Generation	Completed	2008	107.4	17.3	SIRL	50.97	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT District 4	N/A	FDOT4-35	FM # 431152-1	US-1 lateral ditch restoration.	Construction of Multiple Trash and Sediment Basins	Completed	2016	Not provided	Not provided	B and SEB	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 4	N/A	FDOT4-36	FM # 230338-4	Indrio Rd. widening – I-95 to SR-607.	BMP Treatment Train	Underway	Not provided	Not provided	Not provided	SIRL	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-01	D5_70010-3528-01	Pond A.	Wet Detention Pond	Completed	2002	TBD	TBD	A	15.60	Not provided	N/A	Not provided	Not provided	N/A
FDOT District 5	N/A	FDOTD5-02	D5_70010-3528-02	Pond B.	Wet Detention Pond	Completed	2002	TBD	TBD	A	8.40	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-03	D5_70012-3503-01 (missing from model)	Pond WRA 1.	Wet Detention Pond	Completed	1989	TBD	TBD	A	21.70	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-04	D5_70012-3503-02 (missing from model)	Pond WRA 2.	Wet Detention Pond	Completed	1989	TBD	TBD	A	9.10	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-05	D5_70012-3503-03 (missing from model)	Pond WRA 3.	Dry Detention Pond	Completed	1989	TBD	TBD	A	7.30	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-06	D5_70050-3544-03	Pond 7B.	Wet Detention Pond	Completed	2004	TBD	TBD	A	5.10	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-07	D5_70100-3517-01 (m model)	French drains.	100 % Onsite Retention	Completed	1996	TBD	TBD	A	3.40	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-08	D5_70220-3433-01	Pond C.	Wet Detention Pond	Completed	2000	TBD	TBD	A	9.30	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-09	D5_70220-3429-01 (missing from model)	Pond A; Pond 1A under 242251-2 (10/09).	Wet Detention Pond	Completed	1995	TBD	TBD	A	20.00	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-10	D5_70220-3429-02 (missing from model)	Pond B is now Pond 1B under 241221-2 (10/09).	Wet Detention Pond	Completed	1995	TBD	TBD	A	25.60	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-11	D5_70220-3429-03 (missing from model)	Pond C is now Pond 2B under 241221-2 (10/09).	Wet Detention Pond	Completed	1995	TBD	TBD	A	26.10	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-12	D5_70220-3429-04 (missing from model)	Pond D is now Pond 2A under 241221-2 (10/09).	Wet Detention Pond	Completed	1995	TBD	TBD	A	21.70	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-13	D5_409034-01	French drains.	100 % Onsite Retention	Completed	2005	TBD	TBD	A	0.40	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-14	Education Efforts	Pamphlets, Illicit Discharge Program.	Education Efforts	Underway	N/A	N/A	N/A	A	N/A	N/A	N/A	Florida Legislature	N/A	N/A
FDOT District 5	N/A	FDOTD5-15	Fertilizer Cessation	Elimination of fertilizer application in rights-of-way.	Fertilizer Cessation	Completed	2005	1,586.0	0.0	A	101.47	Not provided	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOTD5-16	Street Sweeping	Street sweeping.	Street Sweeping	Underway	N/A	80.0	51.0	A	N/A	Not provided	N/A	Florida Legislature	Not provided	N/A

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Fellsmere WCD	Sunrise Villas	FWCD-01	Sunrise Villas	Pond designed per 2-in/day limitation rule.	Wet Detention Pond	Completed	2003	11.0	4.5	SEB	13.60	Not provided	Not provided	Sunrise Villas	Not provided	N/A
Fellsmere WCD	SJRWMD/ Indian River County/ State	FWCD-02	St. Johns Land Purchase	Conservation land.	Land Use Change	Completed	Not provided	N/A	N/A	SEB	2,390.60	N/A	N/A	SJRWMD	N/A	N/A
Fellsmere WCD	City of Fellsmere/ SJRWMD	FWCD-03	Fellsmere Stormwater Lake and State St. Improvements	Stormwater retrofit improvements.	Wet Detention Pond	Completed	2003	71.5	19.9	SEB	49.60	Not provided	Not provided	SJRWMD/ Fellsmere WCD	Not provided	N/A
Fellsmere WCD	Indian River County Habitat for Humanity	FWCD-04	Grace Meadows	Pond designed per 2-in/day limitation rule.	Wet Detention Pond	Completed	2009	4.5	1.5	SEB	18.30	Not provided	Not provided	Indian River County Habitat for Humanity	Not provided	N/A
Fellsmere WCD	N/A	FWCD-05	2-Inch Limitation Discharges	Establishment of 2-in/day discharge rule.	Regulations, Ordinances, and Guidelines	Completed	Not provided	Not provided	Not provided	SEB	N/A	Not provided	Not provided	N/A	Not provided	N/A
Fellsmere WCD	N/A	FWCD-06	Fellsmere WCD Mechanical Canal Maintenance	Canal cleaning/ Maintenance.	Muck Removal/ Restoration Dredging	Completed	Not provided	Not provided	Not provided	SEB	N/A	Not provided	Not provided	Fellsmere WCD	Not provided	N/A
Fellsmere WCD	City of Fellsmere	FWCD-07	Historic Fellsmere Master Drainage Plan	Stormwater retrofit improvements.	Regional Stormwater Treatment	Planned	TBD	TBD	TBD	SEB	1,661.33	TBD	TBD	Fellsmere WCD/ City of Fellsmere	TBD	N/A
Fellsmere Joint Venture	SJRWMD	FJV-01	Water Dispersion Project	Construction of berms and 2 pump stations to remove water from outfall canals and store on land.	DWM	Planned	TBD	TBD	TBD	SEB	TBD	TBD	TBD	SJRWMD	TBD	N/A
Fort Pierce Farms WCD	N/A	FPF-01	Swale along Canal 1 Top of Bank (SLRIT Grant 2006-07)	Grassed swale constructed along Canal 1 top of bank, immediately upstream of IRL, to collect stormwater runoff and provide some water quality benefit. Project addressed previous area of bank erosion.	Grass Swales without Swale Blocks or Raised Culverts	Completed	Not provided	Not provided	Not provided	SIRL	0.19	Not provided	Not provided	Not provided	Not provided	N/A
Fort Pierce Farms WCD	N/A	FPF-02	Dry Detention Area along Canal 1 Top of Bank (SLRIT Grants 2006-07 and 2007-08)	Grassed dry detention area and control structure replacement to address stormwater runoff issues and canal	Dry Detention Pond	Completed	Not provided	Not provided	Not provided	SIRL	2.58	Not provided	Not provided	Not provided	Not provided	N/A

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				bank erosion immediately upstream of IRL.												
Fort Pierce Farms WCD	N/A	FPF-03	Discharge Criteria Adopted as Part of Fort Pierce Farms WCD Permit Application Criteria	More stringent than standard pre vs. post; allows for 11 % more volume per development to be detained by stormwater system.	Regulations, Ordinances, and Guidelines	Completed	Not provided	Not provided	Not provided	SIRL	N/A	N/A	N/A	N/A	Not provided	N/A
Indian River County	DEP	IRC-01	Vero Lake Estates Stormwater Improvements – Phase 1	Not provided.	Wet Detention Pond	Completed	2002	4,935.7	1,022.5	SEB	2,407.11	\$1,572,829	Not provided	DEP	Not provided	WM803
Indian River County	DEP	IRC-02	East Roseland Stormwater Improvements	Not provided.	Wet Detention Pond	Completed	2005	168.2	38.3	SEB	73.66	\$433,134	\$2,176	DEP	Not provided	G0061
Indian River County	DEP	IRC-03	East Gifford Stormwater Improvements	Not provided.	Wet Detention Pond	Completed	2004	169.2	71.1	B	44.11	\$686,136	\$2,471	DEP	Not provided	WM836
Indian River County	DEP	IRC-04	Pollution Control (PC) Main (formerly Main Relief Canal Pollution Control Facility)	Nutrient removal from measured data.	Other Structural BMP	Completed	2009	2,079.3	528.3	B	22,800.50	\$5,331,908	\$63,260	DEP	Not provided	G0182
Indian River County	DEP	IRC-05	Egret Marsh Stormwater Park	Nutrient removal from measured data.	Other Structural BMP	Completed	2010	19,948.0	4,049.0	B	10,104.24	\$7,563,274	\$200,189	DEP	Not provided	G0143
Indian River County	DEP	IRC-06	PC South (Osprey Marsh) Algal Nutrient Removal Facility	Nutrient removal from measured data.	Other Structural BMP	Completed	2016	12,990.0	2,991.0	B	9,781.88	\$10,000,000	\$175,000	DEP	Not provided	G0353
Indian River County	N/A	IRC-07	Moorhen Marsh (formerly PC North Aquatic Plant Based Nutrient Removal System)	MAPS will remove sediment and suspended solids through settling and filtration by aquatic plant roots. Aquatic plants will be harvested regularly.	Other Structural BMP	Planned	2020	8,600.0	1,500.0	B and SEB	6,301.15	\$7,000,000	\$84,000	County/ Grants	TBD	N/A
Indian River County	N/A	IRC-08	Education Efforts	Fertilizer ordinance, PSAs, website, pamphlets, Illicit Discharge	Education Efforts	Completed	N/A	N/A	N/A	B and SEB	N/A	N/A	\$52,000	Not provided	Not provided	N/A

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				Program, and signs along Indian River Farms WCD canals.												
Indian River County	N/A	IRC-09	Street Sweeping	Street sweeping.	Street Sweeping	Underway	N/A	365.0	234.0	B and SEB	N/A	Not provided	\$22,050	Not provided	Not provided	N/A
Indian River County	N/A	IRC-10	Storm Drain Cleaning with Vacuum Trucks	Nutrient removal from measured data.	Other Structural BMP	Planned	TBD	TBD	TBD	B and SEB	TBD	TBD	\$19,067	TBD	TBD	N/A
Indian River County	N/A	IRC-11	Floating Aquatic Plant Islands in County Stormwater Ponds and Lakes	Nutrient removal from measured data.	Floating Islands/ MAPS	Planned	TBD	TBD	TBD	B and SEB	TBD	TBD	TBD	TBD	TBD	N/A
Indian River County	N/A	IRC-12	Spoonbill Marsh Project	Nutrient removal from measured data.	Other Structural BMP	Completed	2010	TBD	TBD	B	359.45	\$4,200,000	\$316,139	Not provided	Not provided	N/A
Indian River County	N/A	IRC-13	North Relief Canal Mechanical Vegetation/Debris Removal System	Removal of aquatic vegetation containing nitrogen and phosphorus that otherwise, would enter IRL and die, releasing nutrients into lagoon.	Aquatic Vegetation Harvesting	Planned	TBD	TBD	TBD	SEB	6,301.15	\$1,000,000	\$50,000	County/ Grants	TBD	N/A
Indian River County	N/A	IRC-14	South Relief Canal Mechanical Vegetation/Debris Removal System	Removal of aquatic vegetation containing nitrogen and phosphorus that otherwise would enter lagoon.	Aquatic Vegetation Harvesting	Underway	Not provided	Not provided	Not provided	SEB	7,154.84	\$1,000,000	\$50,000	County/ Grants	Not provided	N/A
Indian River County	SJRWMD/ DEP/ EPA	IRC-15	Osprey Acres Flow-Way and Nature Preserve	MAPS will remove sediment and suspended solids through settling and filtration by aquatic plant roots. Aquatic plants will be harvested regularly.	Other Structural BMP	Underway	2018	3,000.0	300.0	SEB	9,783.61	\$7,500,000	\$50,000	DEP	\$7,500,000	NS027
Indian River Farms WCD	N/A	IRF-01	Tilting Weir Gates	Not provided.	Other Structural BMP	Completed	Not provided	Not provided	Not provided	B and SEB	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Indian River Farms WCD	N/A	IRF-02	Mechanical Removal of Floating Vegetation	Not provided.	Other Nonstructural BMP	Completed	Not provided	Not provided	Not provided	B and SEB	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Indian River Farms WCD	N/A	IRF-03	Establishment of 2-in Discharge Rule	Not provided.	Other Nonstructural BMP	Completed	Not provided	Not provided	Not provided	B and SEB	Not provided	Not provided	Not provided	Not provided	Not provided	N/A

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Melbourne Tillman WCD	DEP	MT-01	C-1 Rediversion Project	Not provided.	Hydrologic Restoration	Completed	2014	Not provided	Not provided	A	Not provided	Not provided	Not provided	DEP	Not provided	S0652
Melbourne Tillman WCD	N/A	MT-02	Weir Construction C-69 @ C-1	Not provided.	Control Structure	Completed	Not provided	Not provided	Not provided	A	3,830.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-03	Weir Construction C-69 @ C-75	Not provided.	Control Structure	Completed	Not provided	Not provided	Not provided	A	2,940.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-04	Weir Construction C-74 @ C-69	Not provided.	Control Structure	Completed	Not provided	Not provided	Not provided	A	840.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-05	Windmill Aeration	Not provided.	Other Structural BMP	Completed	Not provided	Not provided	Not provided	A	516.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-06	C-9R	Wood chip logs.	Other Nonstructural BMP	Completed	Not provided	Not provided	Not provided	A	205.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-07	C-49 Pond	Not provided.	Biological/Bacteria Treatment	Completed	Not provided	Not provided	Not provided	A	238.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-08	C-47	Not provided.	Biological/Bacteria Treatment	Completed	Not provided	Not provided	Not provided	A	480.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-09	C-62	Wood chip logs.	Other Nonstructural BMP	Completed	Not provided	Not provided	Not provided	A	120.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MT-10	C-84	Not provided.	Biological/Bacteria Treatment	Completed	Not provided	Not provided	Not provided	A	152.00	Not provided	Not provided	Not provided	Not provided	N/A
Melbourne Tillman WCD	N/A	MTT-11	Harvesting	Hydrilla harvesting.	Aquatic Vegetation Harvesting	Completed	2016	Not provided	Not provided	A	79.55	Not provided	Not provided	Not provided	Not provided	N/A
North St. Lucie River WCD	N/A	NSLR-01	C-25 Diversion Structure	Replace previous pump structure with gravity flow control structure.	Control Structure	Completed	Not provided	Not provided	Not provided	SIRL	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
North St. Lucie River WCD	N/A	NSLR-02	Invasive Vegetation Removal at Canals 33 and 42	Mechanical removal of invasive vegetation in canals and surrounding banks.	Aquatic Vegetation Harvesting	Completed	Not provided	Not provided	Not provided	SIRL	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
North St. Lucie River WCD	N/A	NSLR-03	Canal Maintenance Program	Ongoing maintenance primarily by mechanical means to keep canals free of exotic and decaying vegetation.	Aquatic Vegetation Harvesting	Completed	Not provided	Not provided	Not provided	SIRL	Not provided	Not provided	\$9,400	Not provided	Not provided	N/A
Sebastian River Improvement District	N/A	SRID-01	2-Inch Rule	Establishment of 2-in discharge rule	Regulations, Ordinances, and Guidelines	Completed	Not provided	N/A	N/A	B and SEB	N/A	N/A	N/A	N/A	N/A	N/A
Sebastian River Improvement District	TBD	SRID-02	Control Gates	Radial arm control gates	Other Structural BMP	Planned	TBD	TBD	TBD	B and SEB	9,000.0	TBD	TBD	SRID	TBD	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Sebastian River Improvement District	N/A	SRID-03	Muck Removal	Vegetation and sediment/muck removal from canals.	Muck Removal/ Restoration Dredging	Completed	Not provided	Not provided	Not provided	B and SEB	Not provided	Not provided	Not provided	SRID	Not provided	N/A
Sebastian River Improvement District	N/A	SRID-04	Education Efforts	Permit manual on website that encourages use of BMPs.	Education Efforts	Underway	N/A	N/A	N/A	B and SEB	N/A	N/A	N/A	N/A	N/A	N/A
Sebastian River Improvement District	N/A	SRID-05	Water Conservation	Large regional water conservation/ storage areas	Offline Retention BMPs	Planned	TBD	TBD	TBD	B and SEB	TBD	TBD	TBD	SRID	TBD	N/A
Sebastian River Improvement District	Groves Brothers/ SJRWMD	SRID-06	200-ac Water Dispersion Project	Construction of berms and 2 pump stations to remove water from outfall canals and store on land.	DWM	Underway	2018	TBD	TBD	B and SEB	7,700.00	\$5,650,000	TBD	SJRWMD	\$5,650,000	N/A
Sebastian River Improvement District	N/A	SRID-07	Lateral D System Stormwater Management	Lateral D system stormwater discharge limitation.	Regulations, Ordinances, and Guidelines	Planned	TBD	N/A	N/A	B and SEB	N/A	N/A	N/A	N/A	N/A	N/A
St. Lucie County	N/A	SLC-01	Education Efforts	FYN; landscaping, irrigation, fertilizer, and pet waste ordinances; PSAs, pamphlets, website, and Illicit Discharge Program.	Education Efforts	Completed	2013	N/A	N/A	SIRL	N/A	N/A	N/A	N/A	N/A	N/A
St. Lucie County	N/A	SLC-02	Street Sweeping	470 tons/yr collected.	Street Sweeping	Completed	2013	664.0	299.1	SIRL	N/A	Not provided	Not provided	Not provided	Not provided	N/A
St. Lucie County	DEP/ SFWMD/ IRL National Estuary Program (NEP)	SLC-03	Paradise Park Stormwater Improvement	Construction of drainage system providing 75 % treatment of first 1 in of runoff.	Dry Detention Pond	Underway	2014	Not provided	Not provided	SIRL	168.10	\$10,000,000	Not provided	DEP/ SFWMD/ IRL NEP	DEP – \$225,000 SFWMD – \$304,448 IRL NEP – \$125,000	LP56020
St. Lucie County	N/A	SLC-04	Harmony Heights Stormwater Improvement	Construction of drainage system providing 75 % treatment of first 1 in of runoff.	Dry Detention Pond	Underway	2015	TBD	TBD	SIRL	238.74	\$10,000,000	TBD	TBD	\$511,838	N/A
St. Lucie County	N/A	SLC-05	Taylor Creek Dredging	3-phase sediment/muck removal project totaling 200,000 cubic yds.	Muck Removal/ Restoration Dredging	Completed	2015	Not provided	Not provided	SIRL	Not provided	\$7,500,000	N/A	Not provided	Not provided	N/A
St. Lucie County	N/A	SLC-06	Stan Blum Memorial Boat Launch	Not provided.	Wet Detention Pond	Completed	Not provided	Not provided	Not provided	SIRL	6.13	Not provided	N/A	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
St. Lucie County	IRL NEP	SLC-07	San Lucie Plaza Stormwater Master Plan	Construction of drainage system providing 75 % treatment of first inch of runoff.	Online Retention BMPs	Underway	2018	TBD	TBD	SIRL	157.08	\$20,000,000	TBD	TBD	\$650,325	N/A
St. Lucie County	N/A	SLC-08	Georgia Ave. Basin Water Quality Improvement	Baffle box and control weir.	Baffle Boxes – 2nd Generation	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
St. Lucie County	N/A	SLC-09	Queens Cove Septic to Sewer	Conversion to central sewer.	Wastewater Service Area Expansion	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
St. Lucie County	N/A	SLC-10	Port of Fort Pierce	Stormwater management system.	Stormwater System Rehabilitation	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	TBD	TBD	Not provided	Not provided	N/A
St. Lucie Village	N/A	SLV-01	Peninsula Dr.	0.75-in detention storage for western half of Peninsula Dr. where there was no previous treatment.	Wet Detention Pond	Completed	2011	Not provided	Not provided	SIRL	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Town of Indialantic	N/A	TI-01	Education Efforts	Pamphlets, website, and fertilizer ordinance.	Education Efforts	Underway	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
Town of Indialantic	N/A	TI-02	Swale Construction	Not provided.	Grass Swales without Swale Blocks or Raised Culverts	Underway	Not provided	Not provided	Not provided	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Town of Indialantic	N/A	TI-03	Drainage Inlet Cleaning	Not provided.	BMP Clean Out	Completed	Not provided	Not provided	Not provided	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Town of Indialantic	N/A	TI-04	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	28.0	18.2	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Town of Indialantic	N/A	TI-05	Lily Park	Not provided.	Online Retention BMPs	Planned	2018	TBD	9.0	A	TBD	TBD	TBD	TBD	TBD	N/A
Town of Indian River Shores	DEP/ Indian River County	IRS-01	Public Education	Implement FYN Program; adopted fertilizer, landscape, and irrigation ordinances; public website; and inspection of illicit discharges.	Education Efforts	Underway	N/A	N/A	N/A	B	N/A	\$25,000	\$5,000	IRL NEP/ Town	Not provided	N/A
Town of Indian River Shores	DEP	IRS-02	Hurricane Evacuation Stormwater Improvements	Stormwater improvements, including exfiltration, polyacrylamide (PAM) blocks, dry retention, and swales.	BMP Treatment Train	Underway	2019	TBD	TBD	B	12.00	\$1,351,505	\$25,000	DEP/ Town	DEP – \$637,500	NS036

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Town of Indian River Shores	DEP/ SJRWMD/ Indian River Lakes Conservancy (IRLC)	IRS-03	Dredging of Indian/Seminole Lane Stormwater Drainage Canal	Removal of accumulated muck that will reduce nutrient loading in drainage canal.	Muck Removal/ Restoration Dredging	Planned	2020	TBD	TBD	B	53.60	\$350,000	\$25,000	DEP/ SJRWMD/ Town	TBD	TBD
Town of Indian River Shores	DEP/ SJRWMD/ IRLC	IRS-04	Pebble Bay Estates Inlet Basket Retrofit	Retrofit inlet baskets on 4 catch basins in Pebble Bay Estates.	Catch Basin Inserts/Inlet Filter Clean Out	Planned	2021	TBD	TBD	B	30.82	\$150,000	\$15,000	DEP/ SJRWMD/ Town	TBD	TBD
Town of Indian River Shores	IRL NEP	IRS-05	Baffle Box	Installation of baffle box to reduce nutrient loading to lagoon.	Baffle Boxes – 2nd Generation	Completed	2015	Not provided	Not provided	B	53.60	\$122,103	\$15,000	IRL NEP/ Town	Not provided	N/A
Town of Indian River Shores	IRL NEP	IRS-06	Oyster Reef	Construct oyster bar reef waterside of Indian and Seminole Lanes.	Creating/ Enhancing Oyster Reefs	Planned	2020	TBD	TBD	B	0.25	\$35,000	\$2,500	IRL NEP/ Town	Not provided	N/A
Town of Melbourne Beach	N/A	MB-01	Basin 9 – Oak St. Pedway	Not provided.	Exfiltration Trench	Completed	2007	127.0	21.0	A	13.10	\$146,000	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-02	Basin 9 – Oak St. Pedway Improvement Project	Not provided.	Baffle Boxes – 2nd Generation	Completed	2007	42.0	4.6	A	85.70	\$146,000	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-03	Basin 8, 9, and 11 Oak St. Pedway – Improvement Project	Not provided.	Grass Swales without Swale Blocks or Raised Culverts.	Completed	2007	Not provided	Not provided	A	45.10	\$146,000	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-04	Basin 1 – Hazard Mitigation Grant Program (HMGP) Flood Water Improvements Project	Not provided.	Baffle Boxes – 2nd Generation	Completed	2010	146.0	16.9	A	83.70	\$500,000	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-05	Basin 1 – HMGP Flood Water Improvements Project	Not provided.	Grass Swales without Swale Blocks or Raised Culverts.	Completed	2010	Not provided	Not provided	A	0.90	\$500,000	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-06	Basin 9 –HMGP Flood Water Improvements Project	Not provided.	Grass Swales without Swale Blocks or Raised Culverts.	Completed	2010	Not provided	Not provided	A	1.00	\$500,000	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-07	Anchor Key Drainage Improvements – Basin 16	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2002	0.0	0.1	A	3.30	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-08	Pelican Key Drainage Improvements – Basin 14	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2002	0.0	0.0	A	1.80	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Town of Melbourne Beach	DEP	MB-09	Basin 5 – Ocean Ave. Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2000	3.0	2.9	A	58.30	Not provided	Not provided	DEP	Not provided	G0320
Town of Melbourne Beach	N/A	MB-10	Basin 10 – Cherry Dr. Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2000	3.0	2.6	A	87.40	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-11	Basin 15 – Neptune Dr. Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2000	0.0	0.1	A	5.80	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-12	Basin 17 – Riverview Lane Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2000	0.0	0.0	A	1.10	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-13	Basin 18 – Riverview Lane Baffle Box	Not provided.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	2000	0.0	0.1	A	5.90	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-14	CIBs – Basins 4, 6, 10, and 15	Not provided.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	2000	5.0	3.5	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-15	Melbourne Beach Chevron	Not provided.	100 % Onsite Retention	Completed	2010	Not provided	Not provided	A	0.60	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-16	Melbourne Beach Library	Not provided.	Dry Detention Pond	Completed	2001	3.0	0.6	A	1.50	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Beach	N/A	MB-17	Melbourne Beach Town Hall	Not provided.	100 % Onsite Retention	Completed	2005	Not provided	Not provided	A	1.80	Not provided	Not provided	Not provided	Not provided	N/A
Town of Melbourne Village	N/A	MV-01	Platt Cir.	Not provided.	Baffle Boxes – 2nd Generation	Completed	2005	48.0	5.5	A	31.10	\$124,000	Not provided	Not provided	Not provided	N/A
Town of Orchid	N/A	TO-1	Education Efforts	Not provided.	Education Efforts	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Turnpike	N/A	T-01	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	31.0	20.0	B	N/A	\$124,000	Not provided	Not provided	Not provided	N/A
Turnpike	N/A	T-02	Public Education	No fertilizer on rights-of-way, educational signage; illicit discharge training.	Education Efforts	Underway	N/A	N/A	N/A	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A

IRL – North IRL (NIRL) BMAP

Background

The NIRL BMAP covers 211,398 acres of the IRL Basin, which lies between Edgewater and Melbourne and extends in a north-south direction from Turnbull Creek to the Melbourne Causeway. Turnbull Creek, the Canaveral Barge Canal, the valley between Ten Mile Ridge and the Atlantic Coastal Ridge, and the Eau Gallie River are the primary tributaries to the NIRL.

DEP verified the IRL Basin as impaired because of excessive amounts of TN and TP, as evidenced by a decrease in seagrass distribution and by low DO. In March 2009, DEP adopted the nutrient and DO IRL Basin TMDLs, with a focus on the water quality conditions necessary for seagrass regrowth at the depth limits where seagrass historically grew in the basin, based on a multiyear composite of seagrass coverage. The NIRL BMAP was adopted in February 2013 to implement the TN and TP TMDL.

The NIRL BMAP is one of three separate BMAPs developed for the IRL subbasins because of its large size and hydrologic diversity. The NIRL was further divided into project zones (**Figure C-4**), with boundaries based on the distinct hydrology in different areas of the basin and their corresponding annual residence times. The zones are important because flushing times vary greatly among locations and consequently affect how nutrient reductions will impact these distinct areas. The project zones identify large areas where projects should be implemented to ensure that the load reductions achieve the desired response for each subbasin. The two project zones are as follows:

- **North A** – Turnbull Creek to National Aeronautics and Space Administration (NASA) Causeway (SR 405).
- **North B** – NASA Causeway to Melbourne Causeway (US Hwy. 192).

Status of Projects

Through December 31, 2017, 168 projects were completed. An additional 60 projects that are underway or planned were added to the BMAP. The projects completed to date are estimated to achieve total reductions of 97,163 lbs/yr of TN, or 44 % of the reductions needed to meet the portion of the TN TMDL allocated to the NIRL. Completed projects completed to date are estimated to achieve total reductions of 31,459 lbs/yr of TP, or 60 % of the reductions needed to meet the portion of the TP TMDL allocated to the NIRL.

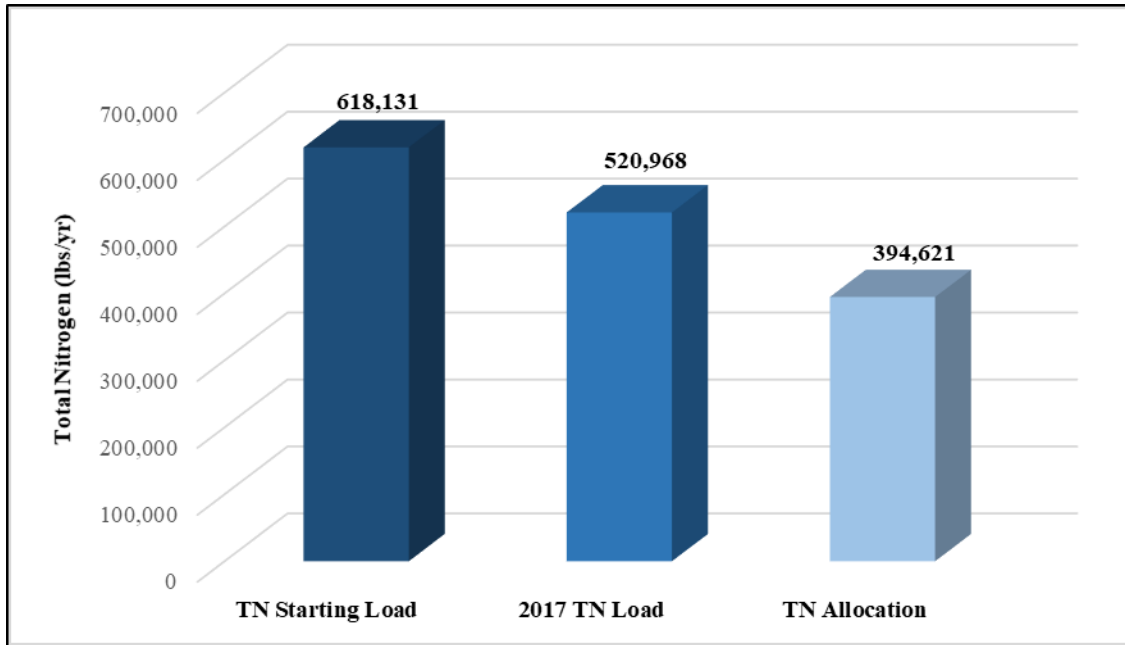


Figure C-8. Estimated progress toward meeting the IRL TN TMDL allocated to NIRL. Reductions are associated with projects completed through December 31, 2017.

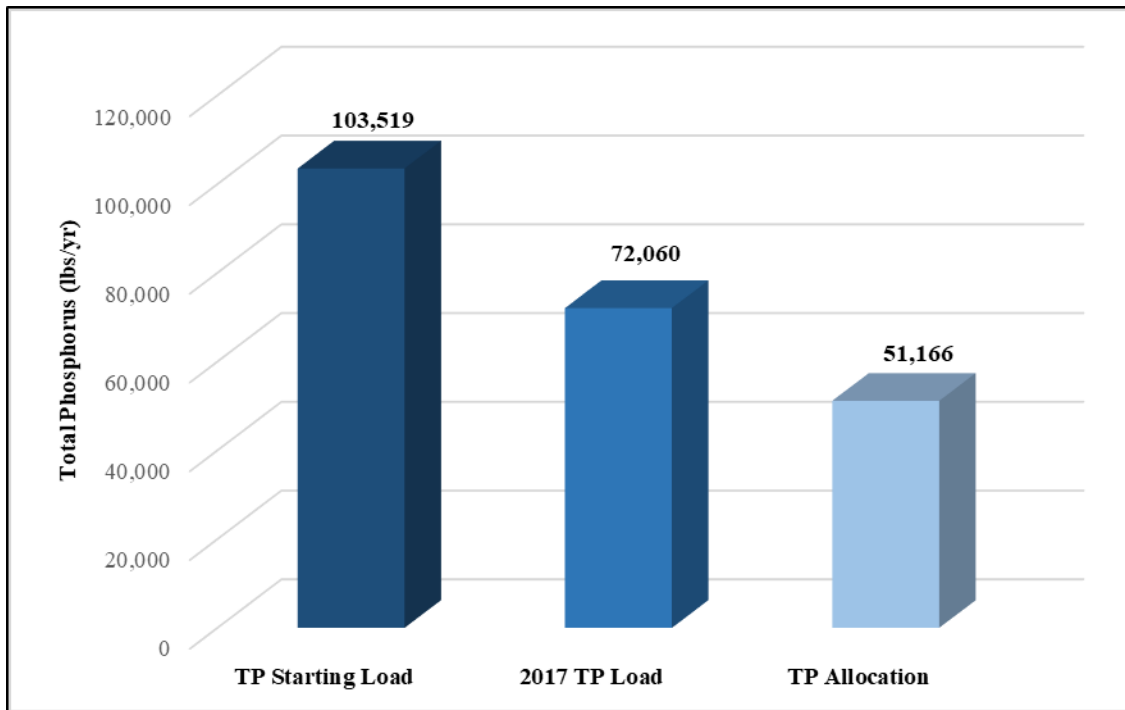


Figure C-9. Estimated progress toward meeting the IRL TP TMDL allocated to NIRL. Reductions are associated with projects completed through December 31, 2017.

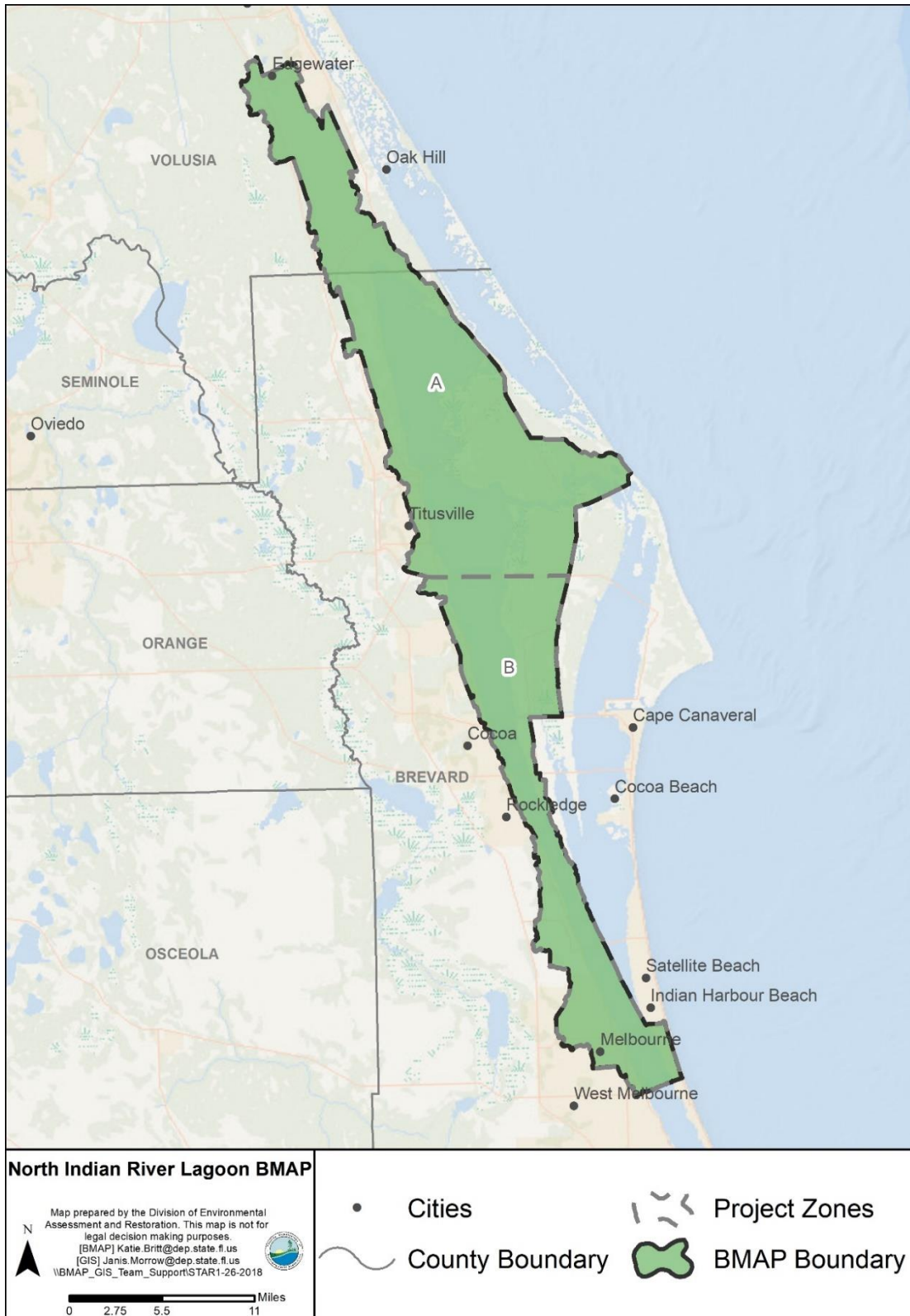


Figure C-10. NIRL BMAP area

Table C-4. NIRL BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Agriculture	N/A	Agriculture	Credit for Changes in Land Use	Credit for changes in land use.	Land Use Change	Completed	Not provided	5,047	1,420	A	Not provided	N/A	N/A	N/A	N/A	N/A
Agriculture	N/A	Agriculture	Credit for Changes in Land Use	Credit for changes in land use.	Land Use Change	Completed	Not provided	4,739	1,029	B	Not provided	N/A	N/A	N/A	N/A	N/A
Brevard County	N/A	BC-01	Old Dixie Hwy. 601	Sediment trap.	BMP Clean Out	Completed	2014	Not provided	Not provided	A	Not provided	\$2,000	\$2,000	County	\$2,000	N/A
Brevard County	DEP/ Titusville	BC-02	Chain of Lakes Pond	Not provided.	Wet Detention Pond	Completed	2010	2,699	1,109	A	1,073	\$2,051,405	Not provided	DEP	Not provided	WM804
Brevard County	West Melbourne/ Grant-Valkaria/ Malabar/ Melbourne/ Cocoa/ Indian Harbour Beach (IHB)/ Satellite Beach/ Cocoa Beach/ Cape Canaveral	BC-03	Education Efforts	FYN; landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website, Illicit Discharge Program.	Education Efforts	Underway	N/A	1,660	214	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	TBD	BC-04	Scottsmoor I	Advanced denitrification and baffle box treatment train.	BMP Treatment Train	Planned	TBD	TBD	TBD	A	531	\$601,664	\$1,000	TBD	TBD	N/A
Brevard County	DEP/ City of Titusville	BC-05	Chain of Lakes Southern Expansion Phase 1	Not provided.	Wet Detention Pond	Completed	2014	1,325	441	A	575	\$3,200,000	\$1,000	DEP	Not provided	S0620
Brevard County	Not provided	BC-06	Chain of Lakes Reuse	Not provided.	Stormwater Reuse	Completed	2005	498	63	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	TBD	BC-07	Scottsmoor C	Advanced denitrification and baffle box treatment train.	BMP Treatment Train	Planned	TBD	TBD	TBD	A	463	TBD	TBD	TBD	TBD	N/A
Brevard County	Not provided	BC-08	Twin Lakes North	Not provided.	Baffle Box – 1st Generation	Completed	2014	10	1	B	8	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-09	Twin Lakes South	Not provided.	Baffle Box – 1st Generation	Completed	2014	10	1	B	9	\$20,082	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-10	Lucas Pl. 640 Baffle Box	Not provided.	Baffle Box – 1st Generation	Completed	2003	8	1	B	5	\$36,835	\$1,000	DEP/ County	Not provided	S0620
Brevard County	DEP	BC-11	Rockledge Dr. 2055	Not provided.	Baffle Box – 1st Generation	Completed	2008	2	0	B	2	\$61,094	\$1,000	DEP	Not provided	S0620
Brevard County	Not provided	BC-12	Rockledge and Riverwoods Baffle Box	Not provided.	Baffle Box – 1st Generation	Completed	2000	3	0	B	4	\$47,686	\$1,000	Not provided	Not provided	N/A
Brevard County	DEP	BC-13	Anchor Lane	Not provided.	Baffle Box – 1st Generation	Completed	2000	47	5	B	29	\$49,560	\$1,000	DEP	Not provided	S0620
Brevard County	Not provided	BC-14	Kelmore Baffle Box	Not provided.	Baffle Box – 1st Generation	Completed	2003	10	2	B	10	\$21,817	\$1,000	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Brevard County	DEP	BC-15	Puesta Del Sol 735 Baffle Box	Not provided.	Baffle Box – 1st Generation	Completed	2003	2	0	B	2	\$24,953	\$1,000	DEP	Not provided	S0620
Brevard County	SJRWMD	BC-16	Tequesta Harbor Baffle Box	Not provided.	Baffle Box – 1st Generation	Completed	2009	21	2	B	13	\$27,582	\$1,000	Not provided	Not provided	N/A
Brevard County	NRCS	BC-17	Broadway Blvd. Pond	Not provided.	Wet Detention Pond	Completed	2000	272	56	B	86	\$553,169	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-18	Fairglen Elementary School Pond	Not provided.	Wet Detention Pond	Completed	2003	350	111	B	80	\$730,869	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-19	Lake George	Not provided.	Wet Detention Pond	Completed	2010	1,261	415	B	719	\$347,255	\$1,000	DEP	Not provided	LP8952
Brevard County	Not provided	BC-20	Merritt Island Courthouse Pond	Not provided.	Wet Detention Pond	Completed	2003	8	3	B	7	\$95,584	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-21	Parkway Dr. Phase 2 Pond	Not provided.	Wet Detention Pond	Completed	2004	4,041	1,599	B	1,797	\$1,817,720	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-22	Street Sweeping	Monthly street sweeping 786 curb lane mi.	Street Sweeping	Underway	N/A	636	408	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-23	Education Efforts	FYN; landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website, Illicit Discharge Program.	Education Efforts	Underway	N/A	6,339	1,035	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-24	Pine Island Phase I and II	Not provided.	Wet Detention Pond	Completed	2014	10,948	3,218	B	6,233	\$4,131,255	\$34,705	DEP	Not provided	G0288 and G0344
Brevard County	Not provided	BC-25	Merritt Island Airport	Not provided.	Wet Detention Pond	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brevard County	DEP	BC-26	Pines Industrial	Not provided.	Wet Detention Pond	Planned	TBD	802	101	B	71	\$822,000	TBD	DEP	Not provided	NF003
Brevard County	DEP	BC-27	Johnson Junior High	Discharge regulation, phosphorus reduction, and denitrification.	Floating Islands/ MAPS	Planned	TBD	187	27	B	133	\$484,200	Not provided	DEP	Not provided	G0430
Brevard County	DEP	BC-28	Florida Blvd.	Not provided.	Floating Islands/ MAPS	Completed	2014	197	21	B	88	\$40,772	\$18,295	DEP	Not provided	G0430
Brevard County	DEP	BC-29	Fairglen Elementary	Not provided.	Floating Islands/ MAPS	Completed	2017	123	12	B	80	\$34,996	\$15,703	DEP	Not provided	G0430
Brevard County	DEP	BC-30	Port St. John B	Not provided.	Floating Islands/ MAPS	Completed	Not provided	237	42	B	58	\$16,308	\$7,315	DEP	Not provided	G0430
Brevard County	DEP	BC-31	Wickham Park North	Not provided.	Floating Islands/ MAPS	Completed	2017	2,804	598	B	1,797	\$75,428	\$33,846	DEP	Not provided	G0430
Brevard County	DEP	BC-32	West Ave. 6600	Upgrading 1st-generation to 2nd-generation baffle box by adding	Baffle Box – Type 1 retrofit	Completed	2017	120	12	B	51	\$15,000	Not provided	DEP	Not provided	S0648

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				nutrient-separating screen.												
Brevard County	DEP	BC-33	Lucas Place	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	8	1	B	3	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-34	Indian River Isles	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	63	8	B	7	\$30,844	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-35	Granada Street 1030 East	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1	Completed	Not provided	99	16	B	39	\$15,000	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-36	Haverhill Ave.	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	80	8	B	48	\$35,857	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-37	Manth Ave.	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	226	29	B	69	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	Not provided	BC-38	Rockledge and Riverwoods Blvd. Rockledge	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	3	0	B	4	\$15,000	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-39	Alamanda Indian Harbour Beach	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	3	0	B	3	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-40	River Shore 1848 Indialantic	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	3	0	B	3	\$31,751	Not provided	DEP	Not provided	S0648

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Brevard County	DEP	BC-41	River Shore 1925 Indialantic	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	7	1	B	7	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-42	Cedar Lane Indialantic	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	6	1	B	4	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-43	Riverview 9856 Indialantic	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	9	1	B	6	\$15,000	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-44	Riverview 9864 Indialantic	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	202	33	B	99	\$15,000	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-45	Oak Ridge Indialantic	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	257	39	B	127	\$15,000	Not provided	DEP	Not provided	S0648
Brevard County	SOIRL	BC-46	Kingsmill-Aurora Phase 2	Not provided.	Wet Detention Pond	Planned	TBD	4,059	1,590	B	1,220	\$1,600,000	\$1,000	SOIRL	TBD	N/A
Brevard County	NA	BC-47	Sediment Trap, Grated Inlet Basket, Inlet Weir Cleaning	Not provided.	BMP Clean Out	Underway	Not provided	TBD	TBD	B	N/A	\$392,105	\$250,000	Not provided	\$250,000	N/A
Brevard County	DEP	BC-48	Merritt Ridge 3A	Alum pond.	Floating Islands/ MAPS	Completed	Not provided	138	27	B	32	\$100,362	Not provided	DEP/ County	Not provided	G0430
Brevard County	DEP	BC-49	Lake George	Construction of regional wet detention pond.	Wet Detention Pond	Completed	2017	505	51	B	719	\$51,200	Not provided	DEP/ County	Not provided	LP852
Brevard County	Not provided	BC-50	Wickham Park	Provided treatment volume is .17 ac-ft.	Stormwater Reuse	Completed	2010	75	5	B	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-51	Ellington Park	Construction of wet detention pond	Stormwater Reuse	Completed	2005	409	87	B	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-52	Rockledge Barton Park Reuse	Barton Park Pond was constructed by Rockledge. Brevard Parks	Stormwater Reuse	Completed	2009	262	24	B	Not provided	Not provided	Not provided	Not provided	Not provided	N/A

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				withdraws water for irrigation for Rockledge Park.												
Brevard County	Not provided	BC-53	Florida Blvd. Pond	Construction of wet detention pond.	Wet Detention Pond	Completed	2002	545	185	B	88	\$350,384	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-54	McGiver South	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	6	1	B	3	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-55	651 Franklyn	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	15	2	B	14	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	Not provided	BC-56	Fountainhead	Removing vegetation from wet detention pond.	Aquatic Vegetation Harvesting	Completed	2014	401	65	B	125	\$39,274	Not provided	Not provided	Not provided	N/A
Brevard County	DEP	BC-57	Fiske	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	317	56	B	126	\$12,507	Not provided	DEP	Not provided	S0648
Brevard County	Not provided	BC-58	Street Sweeping	Monthly street sweeping.	Street Sweeping	Underway	N/A	110	71	A	N/A	Not provided	Not provided	County	Not provided	N/A
Brevard County	N/A	BC-59	Baffle Box/Sediment Trap Cleaning	Quarterly baffle box/ sediment trap cleaning.	BMP Clean Out	Underway	2015	Not provided	Not provided	A	N/A	\$250,000	\$250,000	County	\$250,000	N/A
Brevard County	DEP	BC-60	Huntington Road	Not provided.	Floating Islands/ MAPS	Completed	2016	520	47	A	355	\$45,788	\$9,998	DEP/County	Not provided	G0430
Brevard County	DEP	BC-61	Port St. John C	Not provided.	Floating Islands/ MAPS	Completed	2016	62	11	B	20	\$14,062	\$3,071	DEP/County	Not provided	G0430
Brevard County	DEP	BC-62	Shoreview Cir.	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	Not provided	Not provided	B	Not provided	Not provided	Not provided	DEP	Not provided	S0648
Brevard County	DEP	BC-63	Granada West	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	Not provided	Not provided	B	Not provided	Not provided	Not provided	DEP	Not provided	S0649

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Brevard County	DEP	BC-64	Shoreview Lane	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	Not provided	Not provided	B	Not provided	Not provided	Not provided	DEP	Not provided	S0650
Brevard County	DEP	BC-65	Sunset Park North	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	Not provided	Not provided	B	Not provided	Not provided	Not provided	DEP	Not provided	S0651
Brevard County	DEP	BC-66	Oak Street	Upgrading 1st-generation to 2nd-generation baffle box by adding nutrient-separating screen.	Baffle Box – Type 1 retrofit	Completed	Not provided	Not provided	Not provided	B	Not provided	Not provided	Not provided	DEP	Not provided	S0652
Brevard County	DEP	BC-67	Fountainhead Advanced Denitrification	Not provided.	Denitrification	Planned	TBD	TBD	TBD	B	235	\$284,320	Not provided	DEP	Not provided	LP05115
Brevard County	DEP	BC-68	Multiple Ditch Outfall Denitrification D1	Not provided.	Denitrification	Planned	TBD	TBD	TBD	A and B	Not provided	\$3,496,838	Not provided	DEP	Not provided	LP0511A
Brevard County	DEP	BC-69	Multiple Ditch Outfall Denitrification D4	Not provided.	Denitrification	Planned	TBD	TBD	TBD	B	Not provided	\$2,140,000	Not provided	DEP	Not provided	LP0511A
Brevard County	Not provided	BC-70	Otter Creek Basin D4	Not provided.	Denitrification	Planned	TBD	TBD	TBD	B	Not provided	\$130,000	Not provided	Not provided	Not provided	N/A
Brevard County	SJRWMD	BC-71	Suntree In-Channel Denitrification D4	Not provided.	Denitrification	Planned	TBD	TBD	TBD	B	Not provided	\$71,000	Not provided	SJRWMD	Not provided	N/A
Brevard County	DEP	BC-72	Multiple Ditch Outfall Denitrification D5	Not provided.	Denitrification	Planned	TBD	TBD	TBD	unknown	Not provided	\$927,858	Not provided	DEP	Not provided	LP0511A
Brevard County	SOIRL	BC-73	EauGallie Area Muck Dredging	Not provided.	Muck Removal/ Restoration Dredging	Ongoing	TBD	TBD	TBD	B	Not provided	\$26,250,000	NA	SOIRL	\$26,250,000	N/A
Brevard County	Not provided	BC-74	Flounder Creek Pond Denitrification Retrofit	Not provided.	Denitrification	Planned	TBD	TBD	TBD	A	320	\$180,000	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-75	Huntington Creek Pond Denitrification Retrofit	Not provided.	Denitrification	Planned	TBD	TBD	TBD	A	355	\$180,000	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-77	Merritt Ridge 2B D2	Not provided.	Swale	Completed	Not provided	Not provided	Not provided	B	2	\$45,000	Not provided	Not provided	Not provided	N/A
Brevard County	Not provided	BC-78	Merritt Ridge 2E D2	Not provided.	Pond	Planned	TBD	TBD	TBD	B	Not provided	\$720,000	Not provided	Not provided	Not provided	N/A
Brevard County	Rockledge/ SOIRL	BC-79	Breeze Swept Septic to Sewer	SOIRLP-01.	Wastewater Service Area Expansion	Completed	2017	Not provided	Not provided	B	Not provided	Not provided	Not provided	City/ SOIRL	\$880,530	N/A

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Brevard County	Not provided	BC-80	Wickham Park Solar Bee	Not provided.	Denitrification	Planned	TBD	TBD	TBD	B	TBD	TBD	TBD	TBD	TBD	N/A
Brevard County	All Cities	BC-81	Education Efforts	Fertilizer video, rain barrel workshops, Facebook page, bus wrap, billboard.	Education Efforts	Underway	N/A	N/A	N/A	A and B	N/A	\$50,000	TBD	SOIRL	\$50,000	N/A
Brevard County	Cocoa/ SOIRL	BC-82	Stormwater Project – NIRL – Cocoa – Church St Type II Baffle Box	SOIRLP-14.	Baffle Box – 2nd generation	Planned	2018	TBD	TBD	B	75	\$20,856	Not provided	SOIRL/ City	\$20,856	NF025
Brevard County	Titusville/ SOIRL	BC-83	Stormwater Project – NIRL – Titusville – St. Teresa Basin	SOIRLP-19.	Baffle Box – 2nd generation	Planned	2019	TBD	TBD	A	758	\$272,800	Not provided	SOIRL/ City	\$272,800	N/A
Brevard County	Titusville/ SOIRL	BC-84	Stormwater Project – NIRL – Titusville – South St Basin	SOIRLP-20.	Baffle Box – 2nd generation	Planned	2019	TBD	TBD	A	202	\$86,856	Not provided	SOIRL/ City	\$86,856	NF025
Brevard County	Titusville/ SOIRL	BC-85	Stormwater Project – NIRL – Titusville – La Paloma Basin	SOIRLP-21.	Baffle Box – 2nd generation	Planned	2019	TBD	TBD	A	555	\$208,296	Not provided	SOIRL/ City	\$208,296	N/A
Brevard County	Melbourne/ SOIRL	BC-86	Stormwater Project – NIRL – Melbourne – Cliff Creek Baffle Box	SOIRLP-34.	Baffle Box – 2nd generation	Planned	2019	TBD	TBD	B	515	\$347,781	Not provided	SOIRL/ City	\$347,781	N/A
Brevard County	Melbourne/ SOIRL	BC-87	Stormwater Project – NIRL – Melbourne – Thrush Dr. Baffle Box	SOIRLP-35.	Baffle Box – 2nd generation	Planned	2019	TBD	TBD	B	423	\$322,200	Not provided	SOIRL/ City	\$322,200	N/A
Brevard County	Not provided	BC-88	Septic Removal – NIRL-MIRA	SOIRLP-44.	Septic Tank Phase Out	Underway	2020	TBD	N/A	B	Not provided	\$2,130,852	Not provided	SOIRL	\$2,130,852	N/A
Brevard County	Titusville/ SOIRL	BC-89	WWTF Upgrade – NIRL-Titusville	SOIRLP-02	WWTF Upgrade	Planned	2022	TBD	N/A	A	Not provided	\$8,000,000	Not provided	SOIRL/ City	\$8,000,000	N/A
Brevard County	Melbourne/ SOIRL	BC-90	Stewart Rd. Dry Retrofit	Stormwater Project – CIRL – Melbourne, SOIRLP-39.	Dry Detention Pond	Planned	2020	TBD	TBD	B	Not provided	\$18,344	Not provided	SOIRL/ City	\$18,344	N/A
Brevard County	SOIRL	BC-91	Kingsmill Aurora Phase II	Construction of 5-ac pond with weirs, drop structures, etc.	Wet Detention Pond	Underway	2019	6,264	814.0	A	1,213	\$990,000	N/A	SOIRL/BC	Not provided	N/A
Brevard County	N/A	BC-92	Baffle Box/Sediment Trap Cleaning	Increasing clean out frequency to quarterly.	BMP Clean Out	Completed	N/A	1	1.0	A	N/A	Not provided	\$276,303	County	Not provided	N/A
City of Cocoa	Rockledge/ SOIRL	CC-01	Bracco Pond B	SOIRLP-01.	Wet Detention Pond	Completed	2014	2,328	1,050	B	592	\$250,000	Not provided	City	Not provided	N/A
City of Cocoa	Not provided	CC-02	Bracco Expansion Area	Provide community with park along ponds.	Wet Detention Pond	Completed	2014	156	42	B	775	\$570,762	Not provided	City	Not provided	N/A

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City of Cocoa	SJRWMD	CC-03	Cocoa Village Park	Dry detention pond that is part of redevelopment project of Cocoa Village Park and Riverwalk Esplanade areas.	Dry Detention Pond	Completed	2018	37	7	A and B	14	\$330,000	Not provided	City/ SJRWMD	Not provided	WM736
City of Cocoa	Rockledge/ SOIRL	CC-04	Morris Pond	Joint project with City of Rockledge to accommodate previously untreated runoff.	Wet Detention Pond	Completed	2014	128	47	B	16	\$247,480	Not provided	City	Not provided	N/A
City of Cocoa	Titusville/ SOIRL	CC-05	North Brevard Ave. Stormwater Treatment Facility	Not provided.	CDS Unit	Completed	2014	0	5	A	11	Not provided	Not provided	City	Not provided	N/A
City of Cocoa	Titusville/ SOIRL	CC-06	North Fiske Stormwater Retention Facility	Not provided.	100 % Onsite Retention	Completed	2014	42	2	A	34	\$330,000	Not provided	City	Not provided	N/A
City of Cocoa	Titusville/ SOIRL	CC-07	Suntree Baffle Box #1	Capture previously untreated runoff.	Baffle Box – 2nd generation	Completed	2014	7	1	A	6	\$80,000	Not provided	City	Not provided	N/A
City of Cocoa	Melbourne/ SOIRL	CC-08	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	4,027	2,582	B	N/A	\$80,000	Not provided	City	Not provided	N/A
City of Cocoa	Melbourne/ SOIRL	CC-09	Bracco Supplemental Water Supply	Joint project with WWTP to provide reclaimed water.	Reclaimed Water	Completed	2014	1,102	108	B	Not provided	1,200,000	Not provided	City	Not provided	N/A
City of Cocoa	Not provided	CC-10	Diamond Square Stormwater Improvements	Not provided.	Wet Detention Pond	Completed	2011	108	0	B	95	\$210,000	Not provided	City	Not provided	N/A
City of Cocoa	Titusville/ SOIRL	CC-11	Education Efforts	Fertilizer ordinance.	Education Efforts	Underway	N/A	128	26	A	N/A	Not provided	Not provided	City	Not provided	N/A
City of Cocoa	Melbourne/ SOIRL	CC-12	Peachtree St. Reconstruction	Roadway and stormwater improvements.	Other Structural BMP	Completed	2016	Not provided	Not provided	B	Not provided	\$1,700,000	Not provided	City/ FDOT	Not provided	N/A
City of Cocoa	Not provided	CC-13	Cocoa Riverfront Park	Amphitheatre and stormwater improvements.	Other Structural BMP	Completed	2016	Not provided	Not provided	B	Not provided	\$162,000	Not provided	City	Not provided	N/A
City of Cocoa	Not provided	CC-14	Control Gate	Flood-control gate installed at Bracco Pond outfall.	Control Structure	Completed	2016	Not provided	Not provided	B	Not provided	Not provided	Not provided	City	Not provided	N/A
City of Cocoa	FDOT	CC-15	Florida Ave. Improvements	Infiltration through pervious pavers and then ultimately to AT&T pond.	BMP Treatment Train	Underway	TBD	TBD	TBD	B	7	\$2,400,000	Not provided	City/ FDOT	Not provided	N/A
City of Cocoa	SJRWMD	CC-16	AT&T Detention Pond Retrofit	Incoming inlets will have 2nd-generation baffle boxes.	BMP Treatment Train	Underway	TBD	TBD	TBD	B	12	\$207,641	Not provided	City/ SJRWMD	Not provided	N/A

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City of Cocoa	SJRWMD	CC-17	Church St. Baffle Box	Project goal is to capture and treat stormwater that flows untreated and directly into IRL.	Baffle Box	Planned	TBD	TBD	TBD	B	TBD	\$173,620	\$3,000	City/ SJRWMD	Not provided	N/A
City of Cocoa	TBD	CC-18	John Garren St. Realignment and Parking	Roadway and stormwater improvements.	BMP Treatment Train	Planned	TBD	TBD	TBD	B	TBD	\$500,000	\$2,000	TBD	TBD	N/A
City of Cocoa	TBD	CC-19	Brevard Ave. Bioretention and Tree Preservation	Roadway and stormwater improvements.	BMP Treatment Train	Planned	TBD	TBD	TBD	B	TBD	\$500,000	\$2,000	TBD	TBD	N/A
City of Cocoa	TBD	CC-20	US Hwy. 1 and Forrest Ave. Stormwater Treatment Facility	Develop dry detention stormwater facility adjacent to US 1.	Dry Detention Pond	Planned	TBD	TBD	TBD	A	10	TBD	TBD	City	TBD	N/A
City of Edgewater	Not provided	EW-1	Education Efforts	FYN; landscape, irrigation, fertilizer, and pet waste ordinances; PSAs; pamphlets; website, Illicit Discharge Program.	Education Efforts	Underway	N/A	84	11	A	N/A	Not provided	\$15,000	Not provided	Not provided	N/A
City of Melbourne	N/A	MEL-01	Fee and Apollo Drainage Improvements	No treatment is provided in existing development; complete water quality addition.	Wet Detention Pond	Completed	2010	28	79	B	44	\$525,161	Not provided	City	Not provided	N/A
City of Melbourne	N/A	MEL-02	Dove St. Pond	No treatment is provided in existing development; complete water quality addition.	Wet Detention Pond	Completed	2003	69	31	B	15	\$156,164	Not provided	City	Not provided	N/A
City of Melbourne	N/A	MEL-03	Charles Dr. Pipe Replacement	Replaced failing stormwater pipe and created wet detention pond; little to no treatment is provided in existing developments.	Wet Detention Pond	Completed	2010	183	162	B	143	\$462,644	Not provided	City	Not provided	N/A
City of Melbourne	N/A	MEL-04	Wickham Park Pond	Ponds along with piping upgrades help eliminate flooding in area	Wet Detention Pond	Completed	2004	627	248	B	1,797	\$250,000	Not provided	City	\$250,000	N/A

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				along with treatment.												
City of Melbourne	N/A	MEL-05	Babcock St. Realignment	Additional treatment was provided for adjacent drainage basins.	Retention BMP	Completed	2005	163	42	B	42	\$1,757,186	Not provided	City	Not provided	N/A
City of Melbourne	N/A	MEL-06	Garfield St. Ponds – Lot 12 (North)	2 small dry detention ponds in existing subdivision (with MEL-7).	Dry Detention Pond	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Melbourne	N/A	MEL-07	Garfield St. Ponds – Lot 24 (South)	2 small dry detention ponds in existing subdivision (with MEL-6).	Dry Detention Pond	Canceled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Melbourne	N/A	MEL-08	Education Efforts	Irrigation, fertilizer, pet waste management, and landscaping ordinances; pamphlets, presentations, website, Illicit Discharge Program.	Education Efforts	Completed	N/A	2,583	587	B	N/A	Not provided	Not provided	City	Not provided	N/A
City of Melbourne	N/A	MEL-09	Street Sweeping	Street sweeping in basin and debris removal.	Street Sweeping	Underway	N/A	507	325	B	N/A	Not provided	Not provided	City	Not provided	N/A
City of Melbourne	DEP	MEL-10	Autumn Woods	Construction of wet detention pond for water quality treatment.	Wet Detention Pond	Completed	2016	Not provided	Not provided	B	57	\$879,220	Not provided	City/ DEP	Not provided	LP05094
City of Melbourne	N/A	MEL-11	Participation in FYN	Future participation in FYN Program.	Education Efforts	Underway	N/A	2,583	587	B	N/A	Not provided	Not provided	City	Not provided	N/A
City of Melbourne	DEP	MEL-12	South Croton Baffle Box	Dry retention and baffle box.	BMP Treatment Train	Completed	2017	133	32	B	15	\$487,296	Not provided	City/ DEP	\$191,100	LP05092
City of Melbourne	DEP	MEL-13	Bell Street Baffle Box	Construction of new baffle box.	Baffle Box – 2nd Generation with Media Filter	Completed	2017	1,877	467	B	127	\$300,000	Not provided	City/ DEP	\$517,050	LP05093
City of Melbourne	N/A	MEL-14	Paradise Baffle Box	Retrofit existing baffle box to upgrade to 2nd generation.	Baffle Box – 2nd Generation with Media Filter	Completed	2016	126	17	B	126	\$19,000	Not provided	City	\$19,000	N/A
City of Melbourne	DEP	MEL-15	Garfield North Baffle Box	Construction of new baffle box.	Baffle Box – 2nd Generation with Media Filter	Completed	2017	993	244	B	67	\$350,000	Not provided	City/ DEP	See MEL-13	LP05093

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City of Melbourne	DEP	MEL-16	Garfield South Baffle Box	Construction of new baffle box.	Baffle Box – 2nd Generation with Media Filter	Completed	2017	176	43	B	12	\$150,000	Not provided	City/ DEP	See MEL-13	LP05093
City of Melbourne	DEP	MEL-17	Sherwood Stormwater Quality Project	Construction of new wet detention pond for subdivision without any treatment.	Wet Detention Pond	Underway	2019	TBD	TBD	B	246	\$2,168,800	Not provided	City/ DEP	\$400,000	NS013
City of Melbourne	SJRWMD	MEL-18	Croton Rd. (Lime) Baffle Box	Installation of baffle box.	Baffle Box – 2nd Generation with Media Filter	Completed	2016	149	35	B	70	Not provided	Not provided	City/SJRWMD	\$153,615	N/A
City of Melbourne	N/A	MEL-19	Young St. Existing Baffle Box Upgrade	Upgrade existing 1st-generation baffle boxes to 2nd-generation baffle boxes with BAM.	Baffle Box – 2nd Generation with Media Filter	Completed	2016	39	5	B	7	\$20,000	Not provided	City	\$20,000	N/A
City of Melbourne	SOIRL	MEL-20	Thrush Dr. Baffle Box	Baffle box – 2nd generation with media filter.	Baffle Box – 2nd Generation with Media Filter	Planned	TBD	TBD	TBD	B	422	\$450,000	Not provided	City/ SOIRL	\$322,200	N/A
City of Melbourne	SOIRL	MEL-21	Cliff Creek Baffle Box	Baffle box – 2nd generation with media filter.	Baffle Box – 2nd Generation with Media Filter	Underway	TBD	TBD	TBD	B	515	\$450,000	Not provided	City/ SOIRL	\$347,781	N/A
City of Melbourne	SOIRL	MEL-22	Riverside Dr. Septic to Sewer Conversion	Providing for 12 lots to be converted to municipal sewer.	Wastewater Service Area Expansion	Underway	TBD	TBD	TBD	B	TBD	\$215,000	Not provided	City/ SOIRL	\$265,960	N/A
City of Melbourne	SOIRL	MEL-23	Leewood Forest Wetland and Baffle Box	Proposed project consists of construction of wetland treatment area and baffle box to provide stormwater quality treatment.	Wetland Treatment	Planned	TBD	TBD	TBD	B	150	\$2,590,000	Not provided	City/ SOIRL	TBD	N/A
City of Melbourne	N/A	MEL-24	South Sarno Drainage Improvements	Retrofit existing ditch system to include dry detention shelves.	Dry Detention Pond	Completed	2015	Not provided	Not provided	B	1,475	\$2,227,000	Not provided	City	\$2,227,000	N/A
City of Melbourne	N/A	MEL-25	Sarno Rd. Turn Lane	Dry detention above needs for turn lane construction.	Dry Detention Pond	Underway	2018	TBD	TBD	B	7	\$560,000	Not provided	City	\$560,000	N/A
City of Melbourne	SOIRL	MEL-26	Apollo/GA Baffle Box	2nd-generation baffle box with BAM.	Baffle Box – 2nd Generation	Planned	2019	TBD	TBD	B	854	\$825,000	Not provided	City/ SOIRL	\$297,522	N/A
City of Melbourne	SOIRL	MEL-27	Stewart Rd. Water Quality Project	Installation of BAM filter box on existing culvert.	BAM	Planned	2020	TBD	TBD	B	36	\$435,000	Not provided	City/ SOIRL	\$18,344	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Rockledge	SOIRL	ROCK-01	Orange Ave. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2009	16	2	B	10	\$8,600	\$2,555	Not provided	Not provided	N/A
City of Rockledge	SOIRL	ROCK-02	Barton Ave. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2009	35	5	B	27	\$9,350	\$2,555	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-03	Hardee Cir. Baffle Box	Not provided.	Baffle Box – 2nd generation	Completed	2009	16	2	B	15	\$43,420	\$2,555	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-04	Rockledge Ave. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2004	73	14	B	41	Not provided	\$3,682	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-05	Bougainvillea Dr. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2000	104	18	B	36	\$29,495	\$2,566	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-06	Park Ave. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2007	9	1	B	13	\$52,529	\$2,555	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-07	Little John Lane Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2004	16	2	B	12	\$60,000	\$2,555	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-08	Fernwood Dr. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	Not provided	14	2	B	13	\$55,750	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-09	Valencia Dr. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2008	38	6	B	23	\$58,960	\$2,555	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-10	Knollwood Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2002	26	3	B	24	\$68,248	\$3,682	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-11	Sutton St. Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2011	9	1	B	8	Not provided	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-12	River Groves Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2011	5	0	B	7	Not provided	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-13	Summer Place Baffle Box	Not provided.	Baffle Box – 2nd Generation	Completed	2011	7	1	B	10	Not provided	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-14	Sweet St. Swale	Not provided.	Swales	Completed	2011	38	5	B	8	Not provided	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-15	Community Park of Rockledge Regional Facility Phase 1	Not provided.	Wet Detention Pond	Completed	2004	5	1	B	26	\$50,000	\$23,974	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-16	Pineland Park Unit Three	Not provided.	Wet Detention Pond	Completed	2009	1	0	B	54	\$100,000	\$6,234	Not provided	Not provided	N/A
City of Rockledge	DEP	ROCK-17	Barton Park Regional Detention System	Not provided.	Wet Detention Pond	Completed	2010	2,823	1,249	B	757	\$2,600,000	\$40,000	DEP	Not provided	S0538
City of Rockledge	Not provided	ROCK-18	Florida Ave. Stormwater Facility	Not provided.	Wet Detention Pond	Completed	2010	76	50	B	25	\$435,000	\$40,950	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-19	Police Dept. Pond	Not provided.	Wet Detention Pond	Completed	2010	16	5	B	39	\$350,000	\$7,035	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-20	Huntington Lakes I	Not provided.	Wet Detention Pond	Completed	2014	1	0	B	37	\$950,000	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-21	Street Sweeping	Not provided.	Street Sweeping	Underway	N/A	498	319	B	N/A	Not provided	\$54,000	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-22	Treatment Missing from Model	Wet detention ponds – missing from model.	Monitoring/ Data Collection	Completed	1999	1,248	477	B	383	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Rockledge	Not provided	ROCK-23	Education Efforts	Irrigation, fertilizer, pet waste management, and landscaping ordinances; pamphlets, presentations, website, Illicit Discharge Program; video "Know Your Waterways."	Education Efforts	Underway	N/A	1,541	347	B	N/A	\$7,385	\$0	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-24	Huntington Lakes II	Once project is completed it will provide treatment to some of basin that leads into ROCK-17.	Wet Detention Pond	Completed	2016	Not provided	Not provided	B	134	\$900,000	\$15,000	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-25	Aquatic Harvesting	Data is collected by location in yards; determining method to convert to dry weight.	Aquatic Vegetation Harvesting	Completed	Not provided	Not provided	Not provided	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-26	Breeze Swept Septic Phase Out	Estimates will be calculated using latest version of ArcNLET for septic tank phase out.	Wastewater Service Area Expansion	Completed	2017	TBD	TBD	B	Not provided	\$3,700,000	\$20,000	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-27	River Ridge Nondischarge	Nondischarge dry retention basin.	100 % Onsite Retention	Completed	Not provided	190	39	B	35	Not provided	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-28	Southwest Gus Hipp Conveyance	Add BAM for denitrification to major canal in city.	BMP Treatment Train	Underway	2018	TBD	TBD	B	TBD	\$17,000	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-29	Gus Hipp Pond	Convert borrow pit to wet detention pond.	Wet Detention Pond	Planned	TBD	TBD	TBD	B	TBD	\$335,000	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-30	Public Works Pond 1	Enlarge current retention area.	Dry Detention Pond	Completed	2017	4	1	B	6	\$5,000	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-31	Public Works Pond 2	Enlarge current retention area.	Dry Detention Pond	Completed	2017	13	3	B	7	\$10,000	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-32	School Triangle Pond	Create dry detention pond on city-owned land.	Dry Detention Pond	Completed	2017	2	0	B	1	\$20,300	Not provided	Not provided	Not provided	N/A
City of Rockledge	Not provided	ROCK-33	Barton Park Irrigation	Use wet pond (Barton Lake) for irrigation.	Stormwater Reuse	Planned	TBD	TBD	TBD	B	TBD	TBD	TBD	TBD	TBD	N/A

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City of Rockledge	Not provided	ROCK-34	Winchester Cove Nondischarge	Nondischarge dry retention basin.	100 % Onsite Retention	Completed	Not provided	13	2	B	2	Not provided	Not provided	Not provided	Not provided	N/A
City of Titusville	Brevard County	TV-01	Area 1 Stormwater Improvements	Upsize existing storm pipes and enclose Florida Ditch; water directed to TV-02.	Wet Detention Pond	Completed	2010	1,019	412	A	432	\$2,151,510	\$4,797	City/ Brevard County	City – \$1,410,072 County – \$470,000	N/A
City of Titusville	Brevard County/ Parrish Medical Center (PMC)/ Brevard Community College (BCC)/ SJRWMD	TV-02	Chain of Lakes Regional Stormwater Pond	Construct regional park featuring wetlands, treatment ponds, and recreational features.	Regional Stormwater Treatment	Completed	2010	360	160	A	340	3,521,489	\$15,620	City/ Brevard County/ SJRWMD/ PMC/ Brevard Community College	City – \$1,210,013 County – \$1,910,709 SJRWMD – \$577,145 PMC: \$350,000 BCC – \$217,500	N/A
City of Titusville	DEP/ SJRWMD	TV-03	Draa Field Stormwater Park	Water quality treatment for Area 2 drainage basin.	Wet Detention Pond	Completed	2016	771	312	A	105	\$1,810,000	\$15,000	DEP/ SJRWMD/ Florida Legislature/ City	DEP – \$388,825 SJRWMD – \$366,000 Florida Legislature – \$800,000 City – \$255,000	G0416
City of Titusville	DEP/ SJRWMD	TV-04	St. Johns Basin Stormwater Improvements	Construct 3.5-ac wet detention pond to treat runoff from mixed use lands prior to discharge to lagoon.	Wet Detention Pond	Completed	2014	317	1,156	A	882	\$2,024,000	\$8,000	DEP/ Brevard County/ City	DEP – \$681,563 County – \$141,655 City – \$1,314,625	S0338
City of Titusville	DEP/ SJRWMD	TV-05	St. Johns Basin Stormwater Improvements	Install baffle box downstream of pond to treat runoff from mixed use lands prior to discharge to lagoon.	Baffle Box – 2nd generation	Completed	2011	1,510	216	A	882	\$167,343	\$8,000	DEP/City	DEP – \$100,000 City – \$67,343	S0338
City of Titusville	DEP/ SJRWMD/ FCT/ Florida Recreation Development Assistance Program (FRDAP)/ FDOT	TV-06	Spaceview Park	Alum treatment.	Alum Treatment	Completed	2007	1,153	378	A	111	\$2,727,394	\$15,000	DEP/ SJRWMD/ FCT/ FRDAP/ FDOT/ City	DEP – \$981,151 SJRWMD – \$83,600 FCT – \$228,375 FRDAP – \$103,956 FDOT – \$72,19 City – \$1,258,116	G0053
City of Titusville	N/A	TV-07	Education Efforts	Irrigation, fertilizer, pet waste management, and landscaping	Education Efforts	Underway	N/A	1,522	292	A	N/A	N/A	\$5,000	City	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				ordinances; pamphlets, presentations, website, Illicit Discharge Program.												
City of Titusville	N/A	TV-08	Street Sweeping	2,995,362 lbs of debris removed in North A during reporting period.	Street Sweeping	Underway	N/A	1,687	1,082	A	N/A	\$188,120	\$63,106	City	Not provided	N/A
City of Titusville	N/A	TV-09	Education Efforts	Irrigation, fertilizer, pet waste management, and landscaping ordinances; pamphlets, presentations, website, Illicit Discharge Program.	Education Efforts	Underway	N/A	56	6	B	N/A	N/A	\$5,000	City	N/A	N/A
City of Titusville	N/A	TV-10	Street Sweeping	307,132 lbs of debris removed from North B during reporting period.	Street Sweeping	Underway	N/A	173	111	B	N/A	\$188,120	\$63,106	City	Not provided	N/A
City of Titusville	N/A	TV-11	Senior Center Pond Floating Islands	Floating islands in wet detention pond.	Floating Islands/ MAPS	Completed	2015	719	87	A	624	\$52,536	\$43,720	City	\$52,536	N/A
City of Titusville	DEP	TV-12	Senior Center Ponds Littoral Zone Plantings	Littoral vegetation plantings around existing wet detention pond.	BMP Treatment Train	Completed	2016	189	90	A	414	\$50,000	\$2,000	DEP/ City	DEP – \$21,144.31 City – \$14,720.89	G0433
City of Titusville	DEP	TV-13	Royal Oak Littoral Zone Plantings	Littoral vegetation plantings around an already existing wet detention pond.	BMP Treatment Train	Completed	2016	79	19	A	123	\$50,000	\$2,000	DEP/ City	DEP – \$21,144.31 City – \$14,720.89	G0433
City of Titusville	DEP	TV-14	Main St. Baffle Box with BAM	2nd-generation baffle box with media.	Baffle Box – 2nd Generation with Media	Underway	2018	TBD	TBD	A	296	\$393,363	\$4,000	DEP/ City	DEP – \$176,376 City – \$216,987	G0442
City of Titusville	DEP	TV-15	Sycamore St. Baffle Box with BAM	2nd-generation baffle box with media.	Baffle Box – 2nd Generation with Media	Underway	2018	TBD	TBD	A	300	\$570,518	\$4,000	DEP/ City	DEP – \$176,376 City – \$394,142	G0442
City of Titusville	N/A	TV-16	Knox Mc Rae Baffle Box	2nd-generation baffle box with media.	Baffle Box – 2nd Generation with Media	Underway	2019	TBD	TBD	A	38	\$225,000	\$4,000	Florida Legislature/ City	Florida Legislature – \$105,000 City – \$120,000	LP05031

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City of Titusville	TBD	TV-17	Coleman Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	107	TBD	TBD	TBD	TBD	N/A
City of Titusville	SJRWMD/ Brevard County	TV-18	South St. Basin TMDL Improvements	3 2nd-generation baffle boxes with media.	Baffle Box – 2nd Generation with Media	Planned	2019	TBD	TBD	A	235	\$450,000	\$12,000	City/ SJRWMD/ County	City – \$254,144 SJRWMD – \$110,000 County – \$86,856	N/A
City of Titusville	Brevard County	TV-19	St. Theresa Basin TMDL Improvements	2nd-generation baffle box with media.	Baffle Box – 2nd Generation with Media	Planned	2019	TBD	TBD	A	314	\$375,000	\$4,000	City/ County	City – \$102,200 County – \$272,800	N/A
City of Titusville	Brevard County	TV-20	La Paloma Basin TMDL Improvements	2nd-generation baffle box with media.	Baffle Box – 2nd Generation with Media	Planned	2019	TBD	TBD	A	488	\$375,000	\$4,000	City/ County	City – \$166,704 County – \$208,296	N/A
City of Titusville	TBD	TV-21	Titusville High School (THS) Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	240	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-22	Brevard Street Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	18	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-23	St. Johns 2nd Baffle Box TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	882	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-24	Marina Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	271	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-25	Grace Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	18	TBD	TBD	TBD	TBD	N/A
City of Titusville	Private Development	TV-26	Miracle City Basin TMDL Improvements	Baffle Box – 2nd generation.	Baffle Box – 2nd generation	Underway	2018	TBD	TBD	A	2	TBD	\$4,000	Private Development	TBD	N/A
City of Titusville	TBD	TV-27	South Marina Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	323	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-28	SR 50 Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	131	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-29	Commons Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	4	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-30	Broad Street Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	13	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-31	Riverview St. Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	7	TBD	TBD	TBD	TBD	N/A
City of Titusville	TBD	TV-32	THS 2 Basin TMDL Improvements	Future project.	TBD	Planned	TBD	TBD	TBD	A	27	TBD	TBD	TBD	TBD	N/A

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City of Titusville	Brevard County	TV-33	Osprey Water Reclamation Nutrient Removal Upgrade	Nitrogen effluent reduction of reclaimed water from 17.9 to 6 mg/L.	WWTF Nutrient Reduction	Planned	2021	TBD	TBD	A	N/A	\$8,000,000	TBD	City/County	TBD	N/A
FDOT District 5	N/A	FDOT-01	Education Efforts	IDDE training, brochures, and NDPEs flyer.	Education Efforts	Completed	N/A	39	11	A	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-02	Street Sweeping	Not provided	Street Sweeping	Underway	N/A	185	119	A	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-03	Fertilizer Cessation	Eliminate fertilizer use along rights-of-way.	Fertilizer Cessation	Completed	2005	595	0	A	-	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-04	70100-3517-01 French Drains	Missing from model. French Drain system along SR 5 from University Blvd. to Aurora Rd.	100 % Onsite Retention	Completed	1996	57	34	B	21	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-05	70100-3544-01 French Drains	Missing from model. Add lanes East of H. Humphrey Bridge to Sykes Creek Parkway.	100 % Onsite Retention	Completed	1995	26	14	B	7	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-06	70020-3501-01 Pond 1	Missing from model. SR 5 – Add lanes and reconstruct from Aurora Rd. to Post Rd.	Wet Detention Pond	Completed	2004	38	22	B	17	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-07	70020-3501-02A Pond 2A	Missing from model. SR 5 – Add lanes and reconstruct from Aurora Rd. to Post Rd.	Wet Detention Pond	Completed	2004	35	19	B	13	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-08	70020-3501-02B Pond 2B	Missing from model. SR 5 – Add lanes and reconstruct from Aurora Rd. to Post Rd.	Wet Detention Pond	Completed	2004	10	5	B	5	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-09	70020-3501-03 Pond 3	Missing from model. SR 5 – Add lanes and reconstruct from Aurora Rd. to Post Rd.	Wet Detention Pond	Completed	2004	18	10	B	8	Not provided	Not provided	Florida Legislature	Not provided	N/A

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FDOT District 5	N/A	FDOT-10	70020-3501-04 Pond 4	Missing from model. SR 5 – Add lanes and reconstruct from Aurora Rd. to Post Rd.	Dry Detention Pond	Completed	2004	17	9	B	8	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-11	70020-3549-01 Pond 1	Missing from model. SR 5 – Add lanes and reconstruct from Post Rd. to SR 404.	Wet Detention Pond	Completed	2005	28	14	B	10	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-12	70020-3549-02 Pond 2	Missing from model. SR 5 – Add lanes and reconstruct from Post Rd. to SR 404.	Wet Detention Pond	Completed	2005	34	18	B	19	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-13	70020-3549-03 Pond 3	Missing from model. SR 5 – Add lanes and reconstruct from Post Rd. to SR 404.	Wet Detention Pond	Completed	2005	32	17	B	11	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-14	70020-3549-04 Pond 4	Missing from model. SR 5 – Add lanes and reconstruct from Post Rd. to SR 404.	Wet Detention Pond	Completed	2005	14	7	B	3	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-15	70020-3549-05 Pond 5	Missing from model. SR 5 – Add lanes and reconstruct from Post Rd. to SR 404.	Wet Detention Pond	Completed	2005	11	6	B	3	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-16	70140-3514-01 Pond A	Missing from model. SR 3 – Replace Christa McAuliffe Bridge.	Dry Detention Pond	Completed	1997	4	2	B	2	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-17	70140-3514-02 Pond B	Missing from model. SR 3 – Replace Christa McAuliffe Bridge.	Wet Detention Pond	Completed	1997	18	8	B	6	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-18	70120-3518-01 Pond 7	Missing from model. SR 518 at SR 513.	Wet Detention Pond	Completed	1984	45	21	B	10	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-19	70008-3505-01 Pond 1	Missing from model. From south of SR 518	Wet Detention Pond	Completed	1992	6	3	B	2	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				(Eau Gallie Causeway) to Banana River Dr..												
FDOT District 5	N/A	FDOT-20	Education Efforts	IDDE training, stormwater brochures, NDPEs flyer.	Education Efforts	Completed	N/A	86	28	B	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-21	Street Sweeping	Street sweeping.	Street Sweeping	Underway	N/A	616	395	B	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	FDOT-22	Fertilizer Cessation	Elimination of fertilizer use along rights-of-way.	Fertilizer Cessation	Completed	2005	1,552	0	B	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
Kennedy Space Center	Not provided	KSC-01	Landscape Fertilizer Reduction	Fertilizer use reduced from 60 tons/yr in 2000 to 20 tons/yr in 2010; formula changed from rapid nitrogen release 16-4-8 to SRN, phosphate-free 15-0-15.	Fertilizer Reduction	Completed	Not provided	312	44	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-02	Citrus Grove Termination Roberts Road	Grove lease termination resulted in abandonment of previously fertilized areas.	Fertilizer Reduction	Completed	2010	140	557	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-03	Citrus Grove Termination Schwartz Rd.	Grove lease termination resulted in abandonment of previously fertilized areas.	Fertilizer Reduction	Completed	2010	256	308	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	N/A	KSC-04	Storage Building L5-0734	Demolition of facility resulted in loss of impervious area and change of land use.	Land Use Change	Completed	2010	0	0	A	N/A	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	N/A	KSC-05	Support Building L5-0683	Demolition of facility resulted in loss of impervious area and change of land use.	Land Use Change	Completed	2010	3	1	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-06	Shuttle Landing Facility – Missing from Model	Runoff is captured and treated before discharging to lagoon.	Wet Detention Pond	Completed	Not provided	2,566	1,005	A	618	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-07	Launch Pad 39A	Area is closed basin.	Other Nonstructural BMP	Completed	2014	1,255	326	A	457	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Kennedy Space Center	Not provided	KSC-08	Launch Pad 39B	Area is closed basin.	Other Nonstructural BMP	Completed	2014	3,043	589	A	549	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-09	Schwartz Road Drainage System – missing from model	Closed system that ultimately drains to northwest before discharging to impoundment area adjacent to lagoon.	Impoundment	Completed	2014	1,290	271	A	1,614	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-10	Warehouse/ Processing Area – missing from model	Receives treatment from permitted stormwater treatment systems.	Wet Detention Pond	Completed	2014	75	33	A	15	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-11	Landscape Fertilizer Reduction	Fertilizer use reduced from 60 tons/yr in 2000 to 20 tons/yr in 2010; formula changed from rapid nitrogen release 16-4-8 to SRN, phosphate-free 15-0-15.	Fertilizer Reduction	Completed	Not provided	312	44	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-12	Citrus Grove Termination Jerome Rd. West	Grove lease termination resulted in abandonment of previously fertilized areas.	Fertilizer Reduction	Completed	2010	184	851	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	N/A	KSC-13	Kennedy Athletic and Recreational Social Park II Racquetball Court M6-0328A	Demolition of facility resulted in loss of impervious area and change of land use.	Land Use Change	Completed	2010	1	0	B	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	N/A	KSC-14	Visitor Center Storage Building M6-0503	Demolition of facility resulted in loss of impervious area and change of land use.	Land Use Change	Completed	2010	1	0	B	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	Not provided	KSC-15	Causeway Wetland Mitigation	Missing from model. Existing permitted stormwater treatment pond.	Wet Detention Pond	Completed	2014	8	4	B	13	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	Not provided	KSC-16	Visitors Complex/ NASA Badging Center	Missing from model. Existing permitted stormwater treatment pond.	Wet Detention Pond	Completed	2014	452	169	B	132	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Kennedy Space Center	Not provided	KSC-17	NASA Parkway West	Missing from model. Ditch along south side of NASA Parkway West ends before lagoon.	Swales	Completed	2014	239	101	B	136	Not provided	Not provided	Not provided	Not provided	N/A
Kennedy Space Center	N/A	KSC-18	Demolition of Facility J6-2377	Demolition of facility resulted in loss of impervious area and change of land use	Land Use Change	Completed	2014	1	0	A	0	N/A	N/A	N/A	N/A	N/A
Kennedy Space Center	N/A	KSC-19	Demolition of Facility M5-1546	Demolition of facility resulted in loss of impervious area and change of land use.	Land Use Change	Completed	2014	76	16	B	5	N/A	N/A	N/A	N/A	N/A
Town of Indialantic	Not provided	TI-01	Swales North of US Hwy. 192 Causeway	Not provided-	Swales	Completed	2001	297	52	B	29	Not provided	Not provided	Not provided	Not provided	N/A
Town of Indialantic	Not provided	TI-02	100 % Onsite Retention	Not provided-	Retention BMP	Completed	2001	35	6	B	4	Not provided	Not provided	Not provided	Not provided	N/A
Town of Indialantic	Not provided	TI-03	Education Efforts	Pamphlet, website, and fertilizer ordinance.	Education Efforts	Underway	N/A	18	3	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Town of Indialantic	DEP	TI-04	Lily Park	Stormwater treatment.	Wet Detention Pond	Completed	Not provided	Not provided	Not provided	A	2	\$173,000	\$500	DEP	\$65,000	LP05120
Town of Palm Shores	Not provided	PS-01	Education Efforts	Fertilizer and landscaping ordinances, pamphlets, and presentations.	Education Efforts	Underway	N/A	21	4	B	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Volusia County	Not provided	VC-01	Education Efforts	Irrigation, fertilizer, pet waste management, and landscaping ordinances; pamphlets, presentations, website, Illicit Discharge Program.	Education Efforts	Underway	N/A	588	67	A	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Volusia County	Not provided	VC-02	Roadside Ditch Cleaning	Roadside ditch cleaning.	BMP Clean Out	Underway	Not provided	Not provided	Not provided	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Volusia County	Not provided	VC-03	Open Channel Cleaning	Open channel cleaning; digging sediment out of open channels.	BMP Clean Out	Underway	Not provided	Not provided	Not provided	A	Not provided	Not provided	Not provided	Not provided	Not provided	N/A

Lake Jesup BMAP

Background

Lake Jesup is one of the largest lakes in Central Florida and is part of the St. Johns River system. The lake has a surface area of 10,660 acres (16.7 square miles) and drains a watershed of 86,382 acres (135 square miles) (**Figure C-5**).

DEP identified Lake Jesup as impaired for nutrients. In 2006, DEP adopted TMDLs for TP and TN for the lake. The Lake Jesup BMAP was adopted in 2010 to implement the TP TMDL. Because of uncertainties in the nitrogen dynamics in the system, the TN TMDL was not explicitly addressed in the 2010 BMAP; however, many of the actions implemented to address TP also result in TN reductions.

Status of Projects

Through December 31, 2017, 114 projects were completed. An additional 17 projects that are underway or planned were added to the BMAP. The projects completed to date are estimated to achieve total reductions of 57,090 lbs/yr of TN, or 35 % of the reductions needed to meet the TN TMDL allocated to the Lake Jesup Basin. Completed projects completed to date are estimated to achieve total reductions of 8,525 lbs/yr of TP, or 104 % of the reductions needed to meet the TP TMDL.

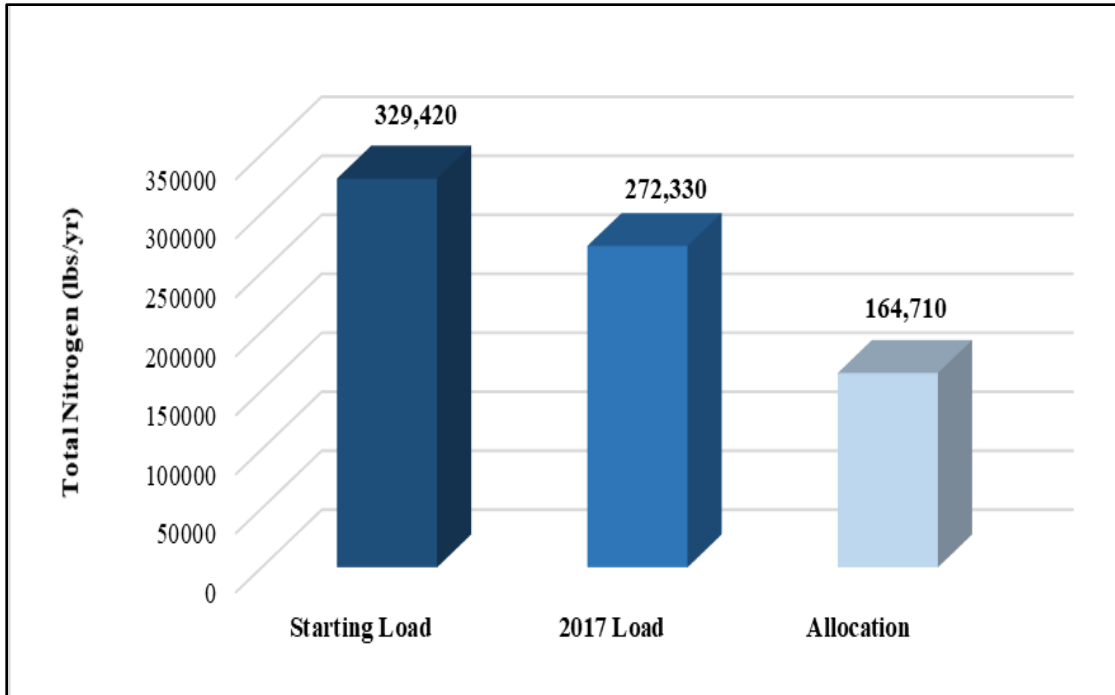


Figure C-11. Estimated progress toward meeting the Phase II Lake Jesup TN TMDL. Reductions are associated with projects completed through December 31, 2017.

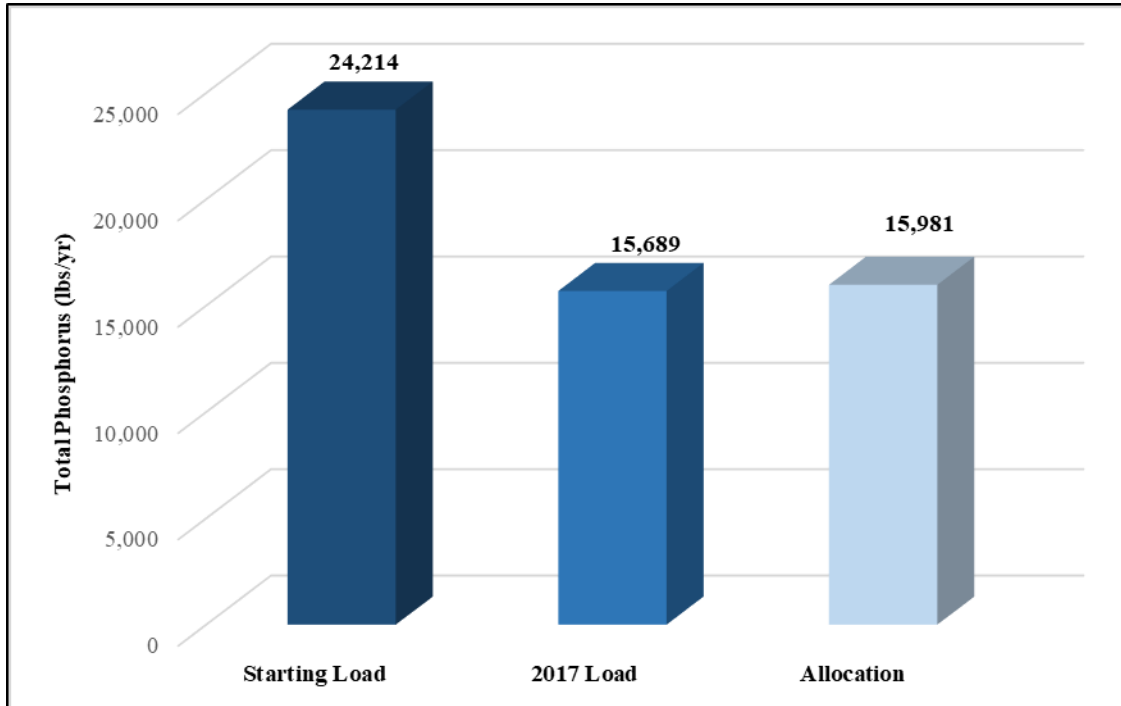


Figure C-12. Estimated progress toward meeting the Phase II Lake Jesup TP TMDL. Reductions are associated with projects completed through December 31, 2017.

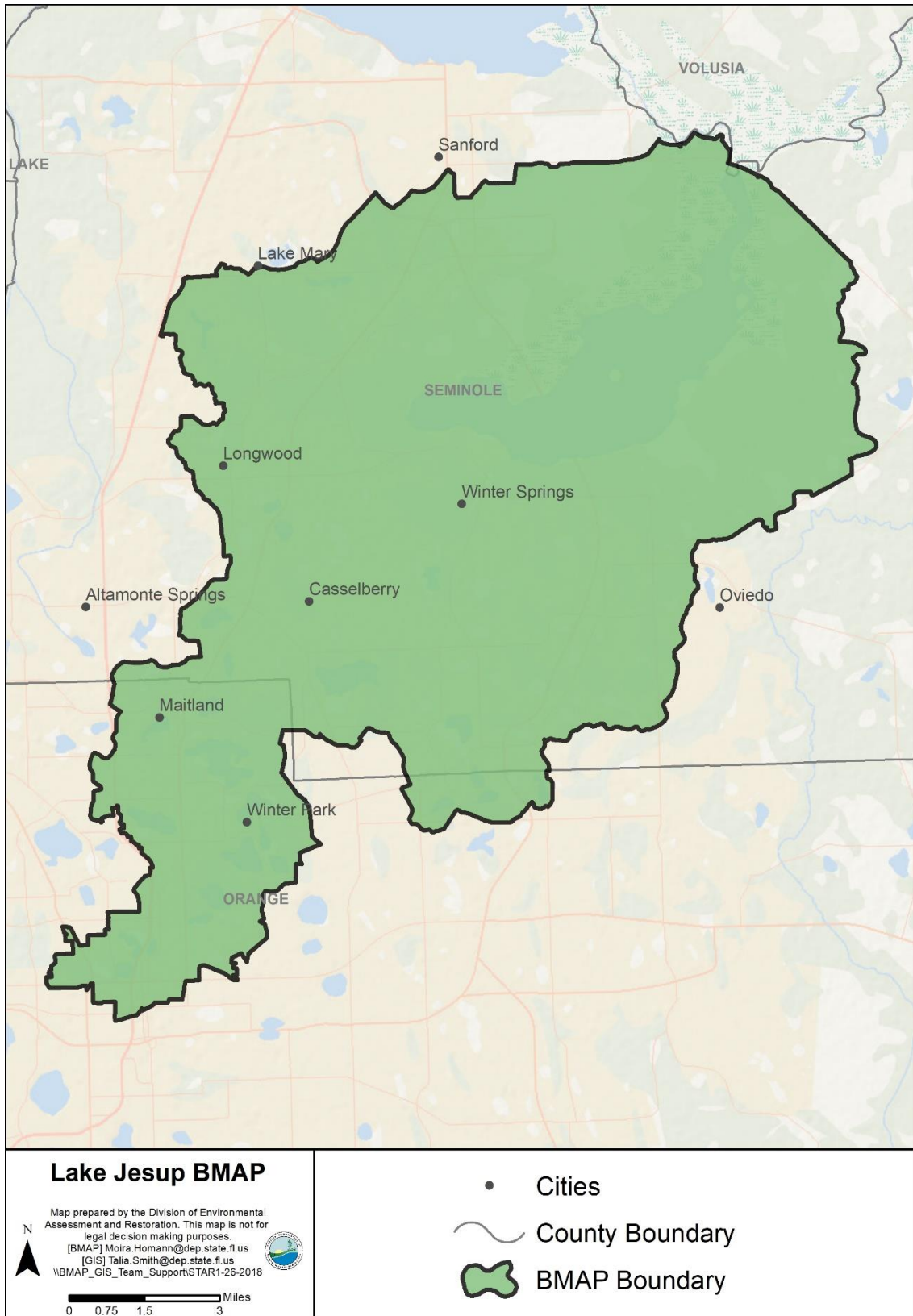


Figure C-13. Lake Jesup BMAP area

Table C-5. Lake Jesup BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Altamonte Springs	N/A	A-02	Street Sweeping	Street sweeping of 4.4 mi, twice monthly.	Street Sweeping	Completed	N/A	35	12	N/A	N/A	N/A	N/A	N/A	N/A
City of Altamonte Springs	Not provided	A-03	Education Efforts	FYN, irrigation and fertilizer ordinances, PSAs, pamphlets, presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	14	1	N/A	Not provided	\$6,000	Stormwater Fee	\$6,000	N/A
City of Altamonte Springs	Not provided	A-04	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	1	0	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Altamonte Springs	Public/private partners, including Seminole County Public Schools, Seminole State College, UCF, and DEP	A-05	Altamonte Springs Science Incubator (AS2I)	AS2I is innovative program that promotes career readiness in high-tech, high demand fields of science, technology, engineering, and math (STEM).	Public Education Efforts	Complete	2012	N/A	N/A	N/A	\$110,000	\$372,819	Private donations, in-kind services	N/A	N/A
City of Altamonte Springs	FDOT	A-06	Sunrail Station, Altamonte Springs	Redevelopment of property for Sunrail Station.	Dry Detention Pond	Complete	2015	27	5	8	Private Development	Private Development	Private Development	100% Private	N/A
City of Altamonte Springs	N/A	A-07	Fertilizer Ordinance	Fertilizer ordinance adopted citywide.	Fertilizer Reduction	Complete	2017	TBD	TBD	6,187	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	AG-01	BMP Implementation	N/A	Agricultural BMPs	Completed	N/A	7,084	491	1,171	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	AG-02	Loss of agricultural production acreage (credit)	N/A	Land Use Change	Completed	N/A	1,327	101	768	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	AG-03	Remainder of Agricultural Lands Enrolled	Enrollment of remaining agricultural lands in BMP programs.	Agricultural BMPs	Planned	TBD	4,517	350	3,800	N/A	N/A	N/A	N/A	N/A
City of Casselberry	Not provided	C-17	530 South Lake Triplet Dr. Bioswales	Construction of bioswales and other drainage improvements.	Bioswales	Completed	2016	1	0	1	\$163,000	N/A	Stormwater Utility	\$163,000	N/A
City of Casselberry	Not provided	C-20	Park Dr. Drainage/Wetland Improvements	Retention area on Lots 10A and 11 on north side of Park Dr.	100 % Onsite Retention	Planned	TBD	2	0	2	\$229,000	N/A	TBD	TBD	N/A
City of Casselberry	Not provided	C-21	Whole Lake Alum Treatment	Execution of whole-lake alum treatments to directly treat Queens Mirror Lake and Triplet Lake chain to address loads caused by	Whole Lake Alum Treatment	Completed	2015	121	185	101.9 (lake acreage only)	\$170,000	\$0	Stormwater Utility	\$170,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				groundwater seepage and internal recycling.											
City of Casselberry	Not provided	C-27	Street Sweeping	Monthly street sweeping, 25,704 cubic ft/yr of material collected based on 2015 values.	Street Sweeping	Completed	N/A	434	285	0	\$0	\$67,612	Stormwater Utility	N/A	N/A
City of Casselberry	Not provided	C-28	Education Efforts	FYN, landscape and irrigation ordinances, PSAs, pamphlets/presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	732	49	0	\$0	\$4,000	Stormwater Utility and Water/Sewer Utility Fund	N/A	N/A
City of Casselberry	Not provided	C-30	Structures Cleaning	729 cubic ft/yr of solids collected from catch basins, baffle boxes, and other structures.	BMP Clean Out	Completed	N/A	15	9	0	\$0	\$0	Not provided	Not provided	N/A
City of Casselberry	Not provided	C-31	Queens Mirror Nutrient Reduction Facility	Treatment of runoff from upstream areas prior to entering Queens Mirror Lake.	Alum Injection System	Planned	9/30/2020	867	173	1,528	\$800,000	\$100,000	Stormwater Utility (+ TMDL, 319, and/or SJRWMD grants if awarded)	\$800,000 + \$100,000/yr	N/A
City of Casselberry	Not provided	C-32	Lake Concord Park (South Phase)	New development with wet detention.	Wet Detention Pond	Completed	2017	1	0	15	\$7,324,162	N/A	Various local funding sources	\$7,324,162	N/A
City of Casselberry	Not provided	C-33	Triplet Lake Dr. Signature St.	New stormwater treatment for existing road.	Dry Retention Pond	Completed	2017	3	0	11	\$3,092,425	N/A	Various local funding sources	\$3,092,425	N/A
City of Casselberry	Not provided	C-34	North Oxford Rd. Complete Street Improvements	Road diet with addition of bioswales.	Bioswales	Completed	2018	1	0	2	\$2,134,100	N/A	Sales Tax + Stormwater Utility + Water/Sewer Utility	\$2,134,100	N/A
City of Casselberry	Not provided	C-35	Concord Dr. Improvements	New stormwater treatment for existing road.	Wet Detention Pond	Planned	2019	9	0	5	\$1,264,584	N/A	Sales Tax + Stormwater Utility + Water/Sewer Utility	TBD	N/A
City of Casselberry	Not provided	C-36	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	Prior to 2017	33	30		\$0	\$0	Various	N/A	N/A
City of Casselberry	Not provided	C-37	Enhanced Street Sweeping	Additional street sweeping once monthly for first 5 months of each year (heavy leaf fall season) beyond base level.	Street Sweeping	Completed	N/A	181	119	0	\$0	\$31,719	Stormwater Utility	\$31,719/yr	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Casselberry	Not provided	C-38	Lake Jesup Basin Nitrogen Removal Projects	TBD BMPs or facilities to target TN reduction in Lake Jesup Watershed.	TBD	Planned	TBD	TBD	TBD	TBD	\$300,000	TBD	Stormwater Utility	\$300,000	N/A
Town of Eatonville	Not provided	E-01	Street Sweeping	Monthly street sweeping of 3.7 mi.	Street Sweeping	Completed	N/A	0	0	0	Not provided	Not provided	Not provided	Not provided	Not provided
Town of Eatonville	Not provided	E-04	Public Education	Brochures, newsletters, public displays, workshops, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	1	0	0	Not provided	Not provided	Not provided	Not provided	Not provided
FDOT	Seminole County	FDOT-02	Soldiers Creek Alum Treatment Facility	Flow-through alum system along CR 427 in Seminole County to reduce nutrient loads in Soldiers Creek.	Alum Injection System	Completed	2016	N/A	80	5,692	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	Not provided	FDOT-03	FM: 240196-1 US 17-92 Basin C and D	Proposed widening of SR 15/600 (US Hwy. 17-92) from Shepard Rd. to Lake Mary Blvd.; drainage improvements and treatment of existing impervious area.	Dry Detention Pond	Underway	2019	55	17	48	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	Not provided	FDOT-05	Street Sweeping	Monthly street sweeping; 48,581 cubic ft of material collected.	Street Sweeping	Completed	N/A	1,166	736	0	Not provided	Not provided	Not provided	Not provided	Not provided
FDOT	Not provided	FDOT-06	Education Efforts	Public education efforts – 1 %.	Public Education Efforts	Completed	N/A	46	4	0	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	Not provided	FDOT-08	FM 240216-2 SR 46 (add lanes and reconstruct from Mellonville Ave. to East of SR 415)	Pond 2 (also known as Pond A).	Wet Detention Pond	Underway	2018	64	0	25	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT	Not provided	FDOT-09	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	476	65	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
City of Longwood	Not provided	L-01	Fairy Lake Outfall	Fairy Lake outfall. Design and construction of 62 LF of 4-by-7 box culvert with headwalls and 1,200-square-ft retaining wall system.		Completed	2013	0	0	N/A	\$300,000	Not provided	Not provided		N/A
City of Longwood	Not provided	L-03	BMP Clean Out	Cleanout of BMPs, an average of 700 cubic ft/yr of material.	BMP Clean Out	Completed	N/A	15	8	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Longwood	Not provided	L-04	Street Sweeping – additional credit	Quarterly street sweeping of 11.1 mi; minimum of 50,300	Street Sweeping	Completed	N/A	10	6	N/A	Not provided	Not provided	Not provided	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				lbs/yr of material collected.											
City of Longwood	Not provided	L-05	Education Efforts	FYN, irrigation ordinance, pamphlets, presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	250	15	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Longwood	SJRWMD/ DEP	L-07	Florida Central Commerce Park Wastewater Interconnect Program	Expand stormwater treatment and storage to augment irrigation sources. Project will improve wastewater effluent quality by routing flow from small plant that will be decommissioned to Seminole County plant to provide higher level of treatment, maximize reuse availability, and abandon existing irrigation wells for urbanized area in City of Longwood.	WWTF Diversion to Reuse	Completed	TBD	1,173	280	272	\$1,345,309	Not provided	DEP/ City/ SRF/ SJRWMD	\$1,900,309	28430 SJRWMD cost-share with DEP
City of Longwood	SJRWMD/ DEP	L-08	South Longwood Septic Tank Abatement Project	240 septic tanks will be removed and converted to central sewer.	Septic Tank Out	Completed	TBD	2,372	0	100	\$5,247,830	Not provided	DEP/ City/ SRF/ SJRWMD	\$5,247,830	319(h) – NF010
City of Longwood	SJRWMD/ DEP	L-09	North CR 427 and Lake Ruth Septic Tank Removal	103 septic tanks will be removed and converted to central sewer.	Septic Tank Phase Out	Underway	TBD	1,018	0	67	\$2,500,000	Not provided	DEP/ City/ SRF/ SJRWMD	\$3,129,160	NF013
City of Longwood	Not provided	L-10	Island Lake Septic Tank Abatement	100 septic tanks will be removed and converted to central sewer.	Septic Tank Phase Out	Canceled	N/A	988	0	0	\$3,458,320	Not provided	Not provided		N/A
City of Longwood	SRF/ SJRWMD/ DEP	L-11	Longdale Septic Tank Abatement – Phase 1 Project	218 septic tanks will be removed and converted to central sewer.	Septic Tank Phase Out	Planned	TBD	2,154	0	49	\$4,313,251	Not provided	Not provided		N/A
City of Longwood	SRF/ SJRWMD/ DEP	L-12	East Longwood Septic Tank Abatement – Phase 1 Project	118 septic tanks will be removed and converted to central sewer.	Septic Tank Phase Out	Planned	TBD	1,166	0	33	\$3,123,424	Not provided	Not provided		N/A
City of Longwood	Not provided	L-13	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	162	14	N/A	Not provided	Not provided	Not provided		N/A
City of Longwood	SRF/ SJRWMD/ DEP	L-14	South Longwood Septic Tank Abatement Project – Phase 2	50 septic tanks will be removed and converted to central sewer.	Septic Tank Phase Out	Ongoing	Jun-18	1,482	0	20	\$1,131,479	Not provided	DEP/ City/ SRF/ SJRWMD	\$1,131,479	NF010
City of Lake Mary	N/A	LM-02	Street Sweeping	140,895 lbs/yr of material removed.	Street Sweeping	Completed	N/A	29	18	6,286	Not provided	\$13,000	City Stormwater Fund	\$13,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Lake Mary	Seminole County	LM-03	Education Efforts	FYN, ordinances (landscape, irrigation, pet waste, fertilizer), PSAs, pamphlets, presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	298	20	N/A	Not provided	\$5,500	City Stormwater Fund	\$5,500	N/A
City of Lake Mary	N/A	LM-05	Catch Basin Clean Out	Removal of 1,620 cubic ft/yr of material.	BMP Clean Out	Completed	N/A	35	20	6,286	Not provided	Not provided	City Stormwater Fund	Not provided	Not provided
City of Lake Mary	N/A	LM-06	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	231	39	N/A	N/A	N/A	N/A	N/A	N/A
City of Maitland	Not provided	M-14	Horatio Ave. Infiltration Trench	Construct infiltration trenches.	Exfiltration Trench	Planned	TBD	TBD	TBD	5	\$150,000	\$5,000	Not provided		N/A
City of Maitland	Not provided	M-16	Street Sweeping	Street sweeping once every 2 wks of 71 mi.	Street Sweeping	Completed	N/A	TBD	TBD	2,898	N/A	\$100,000	Not provided	Not provided	N/A
City of Maitland	Not provided	M-17	Education Efforts	Landscaping ordinance, PSAs, presentations/pamphlets, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	48	4	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Maitland	Not provided	M-20	Park Lake Baffle Boxes	Construction of 2nd-generation baffle box.	Baffle Boxes – 2nd Generation	Planned	TBD	TBD	TBD	58	Not provided	Not provided	Not provided		N/A
City of Maitland	Not provided	M-21	Minnehaha Cir. Baffle Box	Construction of 2nd-generation baffle box.	Baffle Boxes – 2nd Generation	Completed	2014	TBD	TBD	8	Not provided	Not provided	Not provided		N/A
Orange County	Not provided	OC-04	Street Sweeping	Street sweeping for total of 971.93 curb miles per year (CM//yr); 113,000 lbs/yr of material collected.	Street Sweeping	Completed	N/A	6	3	0	Not provided	Not provided	Not provided	Not provided	Not provided
Orange County	Not provided	OC-05	Education Efforts	FYN, ordinances (landscaping, irrigation, fertilizer, pet waste), PSAs, pamphlets, presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	219	8	0	Not provided	Not provided	Not provided	Not provided	Not provided
Orange County	Not provided	OC-08	Lake Burkett Inlet Baskets Phase I	CIB installation, O&M; 9,500 lbs/yr collected.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	N/A	1	0	130	\$41,600	\$4,680	Not provided	Not provided	N/A
Orange County	Not provided	OC-09	Lake Burkett Inlet Baskets Phase II	CIB installation, O&M; 9,500 lbs/yr collected.	Catch Basin Inserts/Inlet Filter Clean Out	Canceled	N/A	1	0	0	Not provided	Not provided	Not provided	Not provided	N/A
Orange County	Not provided	OC-10	Lake Killarney Inlet Baskets	CIB installation, O&M; 6,000 lbs/yr collected.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	N/A	0	0	62	\$38,500	\$3,960	Not provided	Not provided	N/A
Orange County	Not provided	OC-11	Lake Killarney Sediment Inactivation	Surface treatments with alum bind nutrients to sediments.	Alum Injection System	Completed	31-Mar-17	1	102	239	\$433,350	\$0	SJRWMD/ Winter Park/	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
													Water Quality CIP		
Orange County	Not provided	OC-12	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	548	28	N/A	N/A	N/A	Not provided	Not provided	N/A
City of Orlando	N/A	ORL-19	Street Sweeping	Sweep 2 times per month; 8,371.95 cubic yds (226,042 cubic ft) of material collected.	Street Sweeping	Completed	N/A	119	90	N/A	N/A	Not provided	City Stormwater Utility	N/A	N/A
City of Orlando	N/A	ORL-25	Educational Component	FYN, ordinances (fertilizer, landscape, irrigation, pet waste), PSAs, pamphlets, presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	17	2	N/A	\$51,500	Not provided	City Stormwater Utility	Not provided	N/A
City of Orlando	DEP	ORL-26	Lake Concord Alum Treatment and Baffle Box	Construct alum injection system into existing box culvert on N Hughey Ave to treat runoff from 2 subbasins in downtown Orlando area.	Alum Injection System	Completed	2014	5	1	88	TBD	\$9,141	DEP, Stormwater Utility	\$291,323	TBD
City of Orlando	N/A	ORL-29	Catch Basin Clean Out	Inlet baskets; 207 cubic yds of material collected.	BMP Clean Out	Completed	N/A	4	3	N/A	N/A	Not provided	City Stormwater Utility	N/A	N/A
City of Orlando	N/A	ORL-30	BMP Clean Out	101.2 cubic yds of material collected.	BMP Clean Out	Completed	N/A	2	1	N/A	N/A	Not provided	City Stormwater Utility	N/A	N/A
City of Orlando	DEP	ORL-31	Lake Concord Alum Treatment and Baffle Box	Construct 2nd-generation baffle box on W Concord St. to treat runoff from residential and industrial area; 16.5 cubic yds of material collected.	Baffle Boxes – 2nd Generation	Completed	2014	0	0	78	TBD	Not provided	DEP/ Stormwater Utility	\$259,560	TBD
City of Oviedo	Not provided	OV-01	Aulin Regional Stormwater Pond	Aulin Regional Stormwater Pond	Wet Detention Pond	Completed	2013	2	0	3	Not provided	Not provided	Not provided		N/A
City of Oviedo	Not provided	OV-03	Sweetwater Creek Project	Sweetwater Creek Project.	Dry Detention Pond	Completed	Not provided	87	19	32	Not provided	Not provided	Not provided		N/A
City of Oviedo	Not provided	OV-04	Solary Canal STA – missing from model	Regional stormwater treatment (RST) facility consisting of 8.0-ac wetland.	Regional Stormwater Treatment	Completed	2011	730	147	1,471	\$1,700,000	Not provided	Not provided		N/A
City of Oviedo	Not provided	OV-05	Street Sweeping	528,111 lbs/yr of material collected.	Street Sweeping	Completed	N/A	244	152	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Oviedo	Not provided	OV-06	Education Efforts	FYN; landscape, irrigation, and pet waste ordinances; Illicit Discharge Program, Adopt A Pond Program,	Public Education Efforts	Completed	N/A	1,282	103	N/A	Not provided	Not provided	Not provided	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Fats Oils and Grease (FOG) ordinance.											
City of Oviedo	Not provided	OV-08	Inlets and Pipe Cleaning	Routine cleaning of inlets and pipes – 435 lbs/yr of material collected.	BMP Clean Out	Completed	N/A	0	0	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Oviedo	Not provided	OV-09	Aulin Ave. North	Construction of stormwater conveyance system and treatment area.	Bioswales	Planned	TBD	3	0	3	\$50,000	Not provided	Not provided		N/A
City of Oviedo	Not provided	OV-10	Oviedo Regional Pond	Construction of retention pond to receive and treat drainage from commercial sites and treat surrounding runoff before discharge to Sweetwater Creek.	Wet Detention Pond	Planned	TBD	192	36	95	Not provided	Not provided	Not provided		N/A
City of Oviedo	Not provided	OV-11	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	454	27	N/A	Not provided	Not provided	Not provided		N/A
City of Oviedo	N/A	OV-11	Magnolia Ave	Sweetwater Creek water quality analysis and nutrient separator box install at culvert.	Baffle Boxes – 2nd Generation	Planned	2021	33	2	32	\$400,000	TBD	TBD	TBD	N/A
City of Sanford	Not provided	S-01	Street Sweeping	Weekly street sweeping; removes 17,347 cubic ft of material annually.	Street Sweeping	Completed	N/A	426	267	N/A	Not provided	\$23,256	City/ Stormwater Utility	N/A	N/A
City of Sanford	Not provided	S-02	Education Efforts	FYN Program; pet waste, irrigation, and fertilizer ordinances; PSAs and Illicit Discharge Program.	Public Education Efforts	Completed	N/A	1,171	132	N/A	Not provided	\$2,000	City/ Stormwater Utility	N/A	N/A
City of Sanford	Not provided	S-04	Cameron Baffle Box	Installation of 2nd generation baffle box.	Baffle Boxes – 2nd Generation	Planned	TBD	261	24	242	\$500,000	\$10,000	TBD	TBD	N/A
City of Sanford	Not provided	S-05	Pine Way Baffle Box	Installation of 2nd - generation baffle box.	Baffle Boxes – 2nd Generation	Planned	TBD	490	43	310	\$750,000	\$15,000	TBD	TBD	N/A
City of Sanford	Not provided	S-06	WWTP Reclaimed Water Nutrient Reduction	Upgrade to WWTP treatment process to reduce concentration of TN from 20 to 4 mg/L and TP from 4 to 1 mg/L in reclaimed water. 1 mgd delivered to Jesup Basin; 0.29 mgd to Site 10; 0.71 mgd for irrigation.	WWTF Nutrient Reduction	Underway	2018	10,966	2,056	3,800	\$16,000,000	\$100,000	DEP SRF	N/A	Not provided
City of Sanford	Not provided	S-07	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	353	327	N/A	Not provided	Not provided	Not provided		N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Sanford	N/A	S10-01	Credits for Missing BMPs	BMPs missing from model from Site 10.	BMPs	Completed	N/A	1,151	146	827	Not available	Not available	City	Not available	N/A
Seminole County	Not provided	SC-01	Cassel Creek Regional Stormwater Facility (RSF)	RSF to treat water in subbasin upstream.	Wet Detention Pond	Completed	7/1/2013	996	157	830	\$927,531	Not provided	Not provided		N/A
Seminole County	Not provided	SC-07	Solary Canal STA – missing from model	RST facility consisting of 8.0-ac wet pond and 4.8-ac wetland.	Regional Stormwater Treatment	Completed	12/1/2011	730	147	1,471	\$1,700,000	Not provided	Not provided		N/A
Seminole County	Not provided	SC-09	Street Sweeping	Street sweeping monthly of 66.8 mi and quarterly of 160.2 mi; 14,364 cubic ft/yr of material collected.	Street Sweeping	Completed	N/A	383	238	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
Seminole County	Not provided	SC-10	Education Efforts	FYN, ordinances (irrigation, landscaping, pet waste, fertilizer), PSAs, pamphlets, presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	5,778	378	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
Seminole County	Not provided	SC-12	Soldiers Creek at CR 427 RSF	RSF with alum to treat water in subbasin upstream.	Alum Injection System	Completed	3/30/2017	18,863	2,230	5,692	\$6,500,000	Not provided	Not provided		N/A
Seminole County	Not provided	SC-13	Bear Gully Creek Diversion to Mikler Pond	Preliminary design for RSF to treat water from Bear Gully Canal Subbasin.	Wet Detention Pond	Planned	TBD	9,121	1,004	1,098	\$88,000	Not provided	Not provided		N/A
Seminole County	Not provided	SC-17	Black Hammock Creek Reclamation and Floodplain Treatment System	Preliminary and final design, construction, and monitoring to treat water from Black Hammock area.	Hydrologic Restoration	Underway	12/1/2018	4,854	1,160	5,619	\$2,000,000	Not provided	Not provided		N/A
Seminole County	Not provided	SC-20	BMP Clean Out	Clean out BMPs; 6,936 cubic ft/yr of material.	BMP Clean Out	Completed	N/A	295	116	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
Seminole County	Not provided	SC-25	5 Points Access Road	Master stormwater facility for 5 Points area.	Wet Detention Pond	Planned	TBD	213	39	N/A	Not provided	Not provided	Not provided		N/A
Seminole County	Not provided	SC-26	Howell Creek Erosion Control Project	Erosion control measures on Howell Creek.	Shoreline Stabilization	Underway	3/1/2018	0	0	N/A	\$1,300,000	Not provided	Not provided		N/A
Seminole County	Not provided	SC-27	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	1,786	0	N/A	N/A	Not provided	Not provided		N/A
Seminole County	Altamonte/Casselberry/Lake Mary/Longwood/Oviedo	SC-28	Seminole County Fertilizer Ordinance	Reduction of nitrogen and phosphorus sources, through public education and restrictions on usage.	Regulations, Ordinances, and Guidelines	Completed	N/A	TBD	TBD	14,267	\$150,000	\$65,000	Ad Valorem Taxes and FFL Cost-Shares	\$28,000 annual city cost-share total/ \$37,000 county portion	NF034

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Seminole County	N/A	SC-29	Lake of the Woods Retention Pond	Construct retention pond to capture untreated runoff into Lake of the Woods.	100 % Onsite Retention	Planned	TBD	TBD	TBD	Not provided	\$500,000	N/A	Not provided	Not provided	N/A
Seminole County	N/A	SC-30	Bear Gully Lake Upstream Shallow Wetland Treatment System	Implement upstream shallow wetland treatment system.	Wetland Treatment	Planned	TBD	TBD	16	Not provided	\$370,000	N/A	Not provided	Not provided	N/A
Turnpike Authority	Not provided	T-02	Monthly Street Sweeping of 48 Mi	Street sweeping to remove 60,885 lbs/yr of material.	Street Sweeping	Completed	N/A	24	14	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
Turnpike Authority	Not provided	T-03	Education Efforts	No fertilizer on rights-of-way, educational signage, illicit discharge training.	Public Education Efforts	Completed	N/A	77	7	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
Turnpike Authority	Not provided	T-04	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	902	110	N/A	N/A	Not provided	Not provided	Not provided	N/A
City of Winter Park	Not provided	WP-34	Street Sweeping	Street sweeping 2 times per month of 130 mi; 124,200 cubic ft/yr of material collected.	Street Sweeping	Completed	N/A	434	301	0	Not provided	Not provided	Not provided	Not provided	Not provided
City of Winter Park	Not provided	WP-35	Education Efforts	FYN, landscape and fertilizer ordinances, pamphlets, presentations, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	231	15	0	Not provided	Not provided	Not provided	Not provided	Not provided
City of Winter Park	Not provided	WP-40	Park North Exfiltration	Exfiltration trench.	Exfiltration Trench	Completed	2014	10	1	9	\$703,000	\$2,500	DEP	\$421,000	GO340
City of Winter Park	Not provided	WP-41	Canton Ave. Outfall Retrofit	Suntree baffle box.	Baffle Boxes – 2nd Generation	Completed	2013	6	0	23	\$129,000	\$1,000	DEP	\$77,000	GO337
City of Winter Park	Not provided	WP-44	Howard Dr. Outfall Retrofit	CDS, detention, beemats.	CDS and Detention	Completed	2015	1	0	29	\$411,000	\$1,500	DEP	\$249,000	GO354
City of Winter Park	Not provided	WP-45	W. Fawsett Road Outfall Retrofit	CDS.	CDS	Completed	2015	0	0	22	\$50,000	\$1,500	Self funded	Not provided	N/A
City of Winter Park	Not provided	WP-46	Dixie Parkway Outfall No. 3	Exfiltration.	Exfiltration Trench	Planned	2017	40	3	22	\$300,000	\$1,500	Self funded	Not provided	N/A
City of Winter Park	Orange County	WP-47	Lake Killarney Sediment P Deactivation	Alum – whole lake, partnered with Orange County.	Alum Injection System	Underway	2017	TBD	TBD	N/A	\$340,000	N/A	Self funded	Not provided	N/A
City of Winter Park	Not provided	WP-48	Howell Branch Pond Modifications	Upgrade existing pond to provide treatment volume.	Wet Detention Pond	Underway	2017	22	1	28	\$689,598	\$2,000	Self funded	Not provided	N/A
City of Winter Park	Not provided	WP-49	Nicolet Ave. Regional Pond	Regional pond to treat discharges to Lake Killarney.	Wet Detention Pond	Underway	2017	TBD	TBD	108	\$400,000	\$1,500	Self funded	Not provided	N/A
City of Winter Park	Not provided	WP-50	Lee Road (SR423) Stormwater	CDS.	CDS	Underway	2018	0	0	25	\$187,000	\$1,500	Self funded	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
			Outfall Water Quality Structure with Diversion Structure												
City of Winter Park	Not provided	WP-51	Lake Sylvan Outfall Water Quality Structure with Diversion Structure	CDS.	CDS	Underway	2018	0	0	10	\$195,000	\$1,500	Self-funded	Not provided	N/A
City of Winter Springs	Seminole County	WS-01	Solary Canal STA – missing from model	RST facility consisting of 8.0-ac wet pond and 4.8-ac wetland.	Regional Stormwater Treatment	Completed	2011	730	147	1,471	\$1,700,000	\$25,000	SJRWMD Grant	\$1,700,000	N/A
City of Winter Springs	Not provided	WS-06	Education Efforts – Update Local Codes and Ordinances (Fertilizer Rule, etc.), FYN	FYN, PSAs, distribution of pamphlets, presentations to various groups, and inspection program on illicit discharges.	Public Education Efforts	Completed	N/A	1,759	120	N/A	\$4,000	\$4,000	City Stormwater Utility Fund	\$4,000	N/A
City of Winter Springs	Not provided	WS-07	Street Sweeping	Quarterly street sweeping; 14,674 cubic ft of material collected.	Street Sweeping	Completed	N/A	486	316	N/A	\$40,000	N/A	City Stormwater Utility Fund	\$40,000	N/A
City of Winter Springs	Not provided	WS-09	Solary Canal Water Quality Improvements	Pond interconnection with media filtration.	Wet Detention Pond	Planned	TBD	850	213	1,471	\$250,000	TBD	City Stormwater Utility Fund/ SJRWMD Grant	\$207,564	N/A
City of Winter Springs	Not provided	WS-10	North Tuskawilla Outfall Drainage and Water Quality Improvements	Dual baffle boxes and repair of outfall weir structure.	Baffle Boxes – 2nd Generation	Planned	TBD	14	3	20	\$200,000	Not provided	Not provided	Not provided	N/A
City of Winter Springs	Not provided	WS-11	Credits for Missing BMPs	BMPs missing from model.	BMPs	Completed	N/A	464	78	N/A	N/A	N/A	Not provided	Not provided	N/A

Lakes Harney, Monroe, Middle St. Johns River (MSJR), and Smith Canal BMAP

Background

The Lakes Harney and Monroe and MSJR Basin covers an area of 241,928 acres. It includes the main stem of the Middle St. Johns River between the inlet of Lake Harney and the confluence of the St. Johns River with the Wekiva River. These river segments receive inflows from the Upper St. Johns River and several major tributaries, including the Econlockhatchee River, Deep Creek, and Lake Jesup (**Figure C-6**).

The river segments, including two wide areas of the main stem of the river referred to as Lake Monroe and Lake Harney, were verified as impaired because of excessive nutrients and low DO conditions. In 2009, DEP adopted nutrient and DO TMDLs with reduction targets for TN and TP for the Lakes Harney and Monroe and MSJR Basin, including Smith Canal. The Smith Canal Watershed is located in the southern portion of the basin and drains an area of 10 square miles.

The Lakes Harney and Monroe and MSJR BMAP was adopted in August 2012 to implement TN and TP reductions for the Lakes Harney and Monroe and MSJR Basin to achieve the TMDLs. Since Smith Canal is located mostly in the Lakes Harney and Monroe and MSJR Basin, reductions made to achieve the basin TMDLs should also address the Smith Canal TMDL.

Status of Projects

Through December 31, 2017, 91 projects were completed. An additional 5 projects that are underway or planned were added to the BMAP. The projects completed to date are estimated to achieve total reductions of 96,177 lbs/yr of TN, or 110 % of the reductions needed to meet the portion of the TN TMDL allocated to the Lakes Harney and Monroe and MSJR Basin.

Completed projects completed to date are estimated to achieve total reductions of 22,468 lbs/yr of TP, or 136 % of the reductions needed to meet the portion of the TP TMDL.

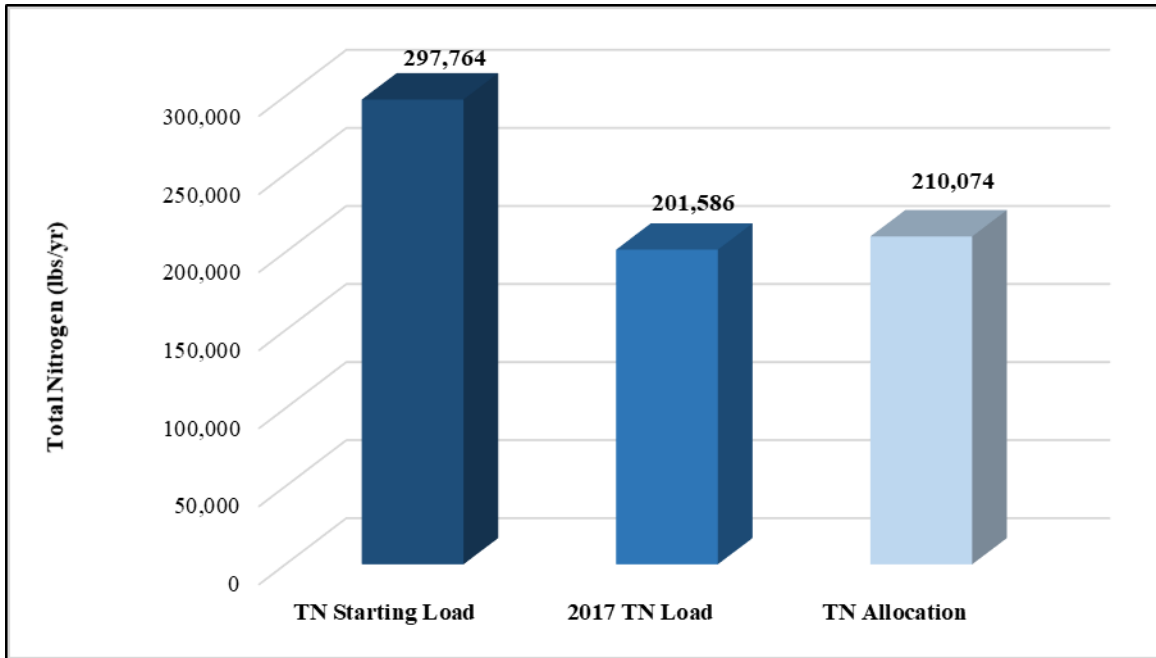


Figure C-14. Estimated progress toward meeting the Harney-Monroe TN TMDL. Reductions are associated with projects completed through December 31, 2017.

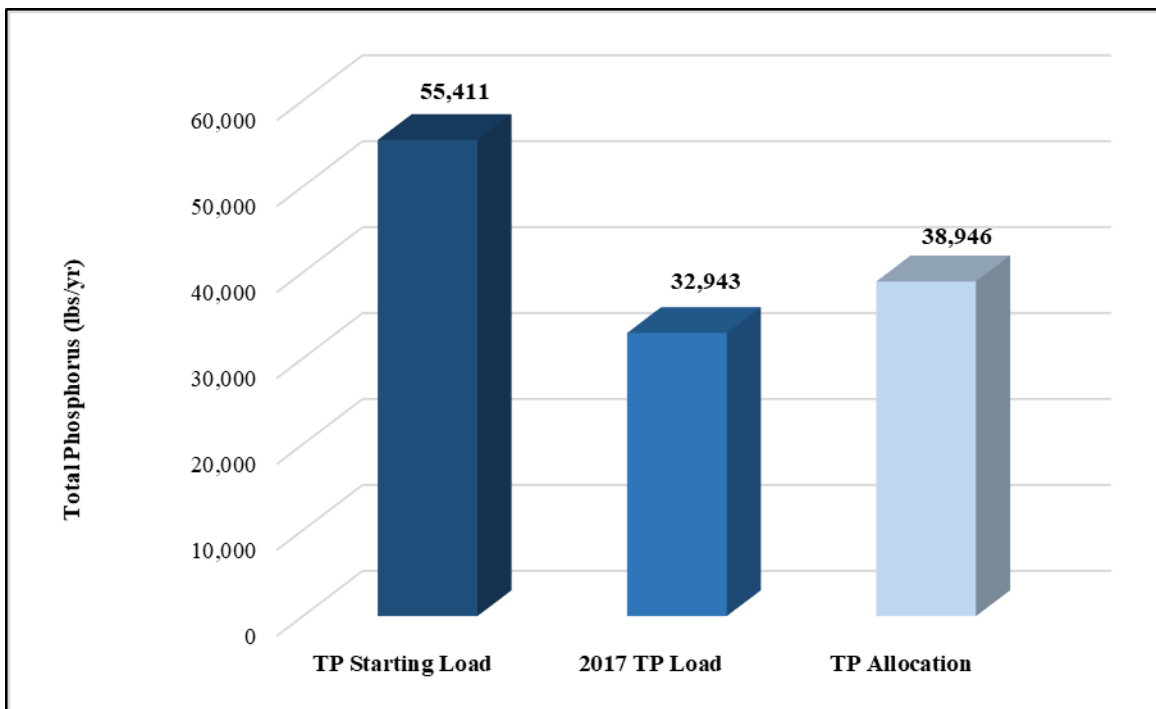


Figure C-15. Estimated progress toward meeting the Harney-Monroe TP TMDL. Reductions are associated with projects completed through December 31, 2017.

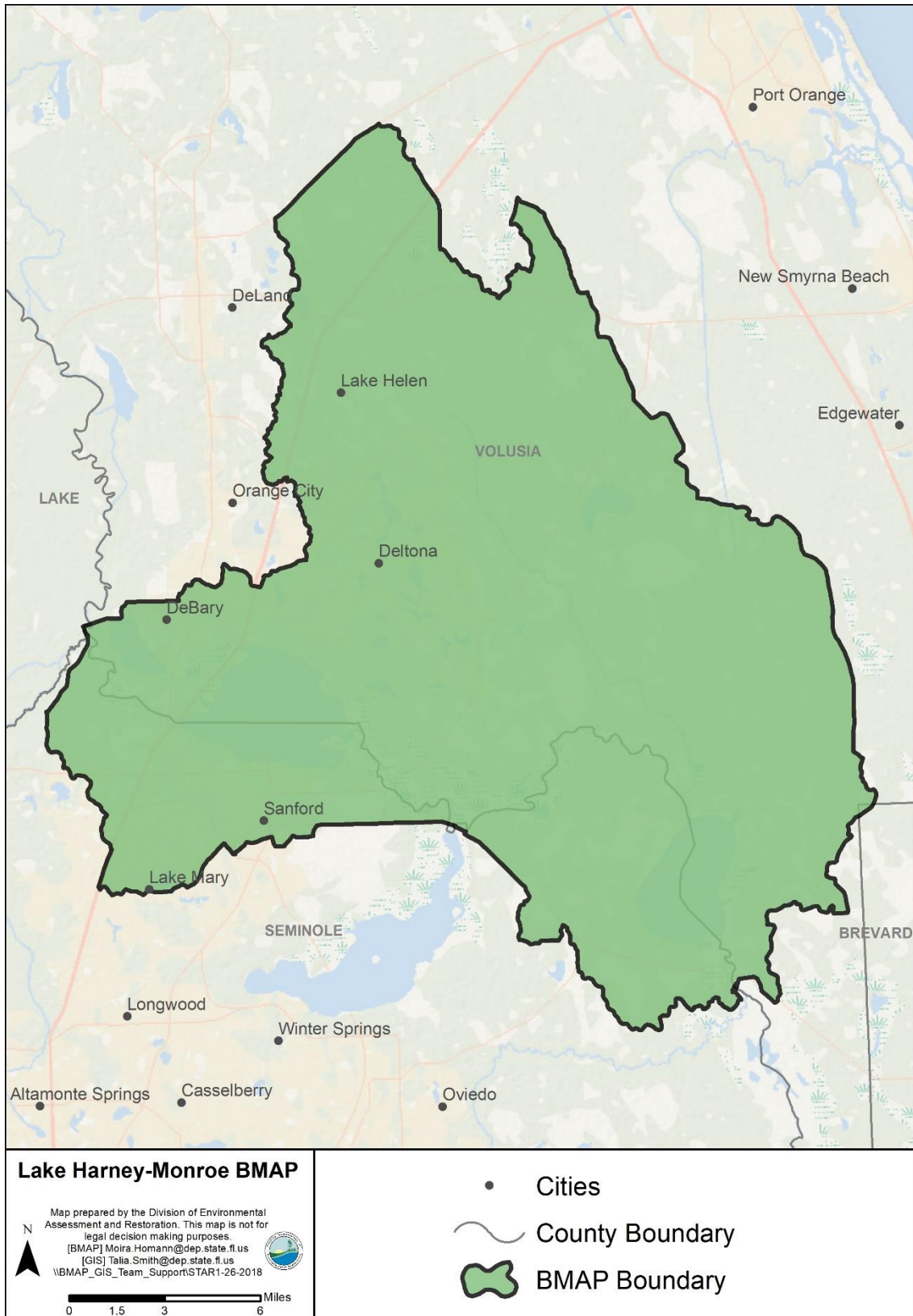


Figure C-16. Lakes Harney, Monroe, MSJR, and Smith Canal BMAP area

Table C-6. Lakes Harney, Monroe, MSJR, and Smith Canal BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of DeBary	N/A	DB-01	Noncontributing Basin	Noncontributing basin; not included in TMDL model.	Noncontributing Basin	Completed	2012	6,523	1,037	Not provided	N/A	N/A	N/A	N/A	N/A
City of DeBary	N/A	DB-02	Noncontributing Basin	Noncontributing basin; not included in TMDL model.	Noncontributing Basin	Completed	2012	7,039	1,170	Not provided	N/A	N/A	N/A	N/A	N/A
City of DeBary	N/A	DB-03	Citywide Fertilizer Ordinance	Reduction of fertilizer application.	Regulations, Ordinances, and Guidelines	Completed	N/A	100	16	8,713	N/A	N/A	N/A	N/A	N/A
City of DeBary	N/A	DB-04	Website, Pamphlets, Inspection Program, Call-In Number	Illicit discharges.	.	Completed	N/A	199	31	8,713	Not provided	N/A	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-01	McGarity Kirkhill Regional Treatment Facility	Retrofit project to treat surface water runoff from residential area in city.	Wet Detention Pond	Completed	2012	345	92	277	\$1,500,000	\$50,000	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-02	DRA GC-5	Water quality treatment for residential area.	Online Retention BMPs	Completed	2012	26	4	11	\$120,000	\$6,000	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-03	Swales	Swales throughout city.	Bioswales	Completed	2012	4,820	729	2,369	\$2,000,000	\$100,000	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-04	Lake Gleason Control Structure	Proposed control structure to increase storage in Lake Gleason.	Wet Detention Pond	Completed	2013	672	188	582	\$150,000	\$3,000	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-05	Education Efforts	FYN, irrigation ordinance, pet waste ordinance, PSAs, pamphlets, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	1,270	206	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-06	Catch Basin Maintenance	Catch basin clean out throughout city.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	N/A	19	10	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-07	Leland Dr. Retention Pond	Construct retention area to provide for stormwater storage and nutrient removal.	Online Retention BMPs	Completed	2016	TBD	TBD	8	\$756,300	Not provided	Not provided	Not provided	N/A
City of Deltona	Not provided	DEL-08	Tivoli/Wheeling Force Main to RIB Stormwater Retention Ponds	Construct pump station and 7,260 ft of 16-in force main used to reroute untreated stormwater from Tivoli/Wheeling pump station into 2 stormwater ponds at 122-ac RIB site where it can infiltrate; instead of being sent to surface waterbody, Clearwater Lake, as previous pumping accomplished.	WWTF Disposal Site	Completed	2015	TBD	TBD	Not provided	\$2,400,856	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Deltona	DEP	DEL-09	Brickell Stormwater Management System	Treatment of stormwater flow from major Deltona outfall, prior to discharge to Lake Monroe. Existing straight-through flow will be diverted through natural wetland, for filtering, and into pond to set elevation before flowing over weir to existing outfall.	Natural Wetlands as Filters	Underway	2/1/2018	186	73	288	\$600,000	\$10,000	DEP	\$315,000	NF004
City of DeLand	Not provided	DL-01	Education Efforts	FYN Program, irrigation ordinance, fertilizer ordinance, pamphlets, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	9	1	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	N/A	FDACS-01	Reductions Changes	Reductions from land use changes.	Land Use Change	Completed	2012	15,043	2,953	N/A	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	FDACS-02	Reductions Area	Reductions from noncontributing area.	Noncontributing Basin	Completed	2012	1,417	241	N/A	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	FDACS-03	BMP Enrollment	Agricultural BMP enrollment.	Agricultural BMPs	Completed	2013	4,047	800	N/A	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	FDACS-03b	BMP Enrollment	Agricultural BMP enrollment.	Agricultural BMPs	Completed	2014	3,747	685	N/A	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	FDACS-03c	BMP Enrollment	Agricultural BMP enrollment.	Agricultural BMPs	Completed	2015	8,252	1,539	N/A	N/A	N/A	N/A	N/A	N/A
FDACS	N/A	FDACS-03d	BMP Enrollment	Agricultural BMP enrollment.	Agricultural BMPs	Completed	2016	10,723	1,903	N/A	N/A	N/A	N/A	N/A	N/A
FDOT	Not provided	FDOT-01	79070-3547-02 (Pond 2)	Wet detention pond.	Wet Detention Pond	Completed	2007	20	2	22	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-02	79070-3547-03 (Pond 3)	Wet detention pond.	Wet Detention Pond	Completed	2007	12	1	25	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-03	79070-3547-04 (Pond 4)	Wet detention pond.	Wet Detention Pond	Completed	2007	16	1	35	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-04	79070-3547-06 (Pond 6)	Wet detention pond.	Wet Detention Pond	Completed	2007	14	1	19	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-05	79070-3546-03 (Pond 9)	Wet detention pond.	Wet Detention Pond	Completed	2007	13	9	13	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-06	79070-3546-02 (Pond 8)	Wet detention pond.	Wet Detention Pond	Completed	2007	25	6	44	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-07	79070-3547-05 (Pond 5)	Wet detention pond.	Wet Detention Pond	Completed	2007	25	3	33	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-08	79070-3546-01 (Pond 7)	Wet detention pond.	Wet Detention Pond	Completed	2007	20	1	27	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-09	79070-3546-04 (Pond 10)	Wet detention pond.	Wet Detention Pond	Completed	2007	4	3	4	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-10	79110-xxx3-08 (Pond 4)	FM 408463-1 Wet detention pond.	Wet Detention Pond	Completed	2008	8	2	8	Not provided	Not provided	Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT	Not provided	FDOT-11	79110-xxx (Pond 5)	Wet detention pond.	Wet Detention Pond	Completed	2008	27	6	23	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-12	79110-xxx (Pond 6)	Wet detention pond.	Wet Detention Pond	Completed	2008	14	3	11	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-13	79110-xxx (Pond 7)	Wet detention pond.	Wet Detention Pond	Completed	2008	38	8	30	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-14	79110-xxx4-01 (Pond 1)	Wet detention pond.	Wet Detention Pond	Completed	2012	54	11	36	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-14b	79110-xxx4-02 (Pond 1A)	Wet detention pond.	Wet Detention Pond	Completed	2012	N/A	N/A	N/A	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-15	79110-xxx4-03 (Pond 2)	Wet detention pond.	Wet Detention Pond	Completed	2012	65	13	39	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-15b	79110-xxx4-04 (Pond 2A)	Wet detention pond.	Dry Detention Pond	Completed	2012	N/A	N/A	N/A	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-16	79110-xxx4-05 (Pond 14)	Wet detention pond.	Wet Detention Pond	Completed	2012	44	8	25	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-17	SR 415 – missing from model	Grass swales without swale blocks or raised culverts	Bioswales	Completed	2012	90	28	134	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-18	SR 44 – missing from model	Grass swales without swale blocks or raised culverts.	Bioswales	Completed	2012	34	11	44	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-19	SR 46 – missing from model	Grass swales without swale blocks or raised culverts.	Bioswales	Completed	2012	33	7	48	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-20	77160-3404-02 (Pond 1-NW)	Online retention BMPs.	Online Retention BMPs	Completed	2004	94	13	26	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-21	77160-3404-06 (Pond 4-11)	Wet detention pond.	Wet Detention Pond	Completed	2004	103	24	39	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-22	77160-3404-05 (Pond 4-1)	Wet detention pond.	Wet Detention Pond	Completed	2004	45	12	32	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-23	77160-3404-07 (Pond 5)	Wet detention pond.	Wet Detention Pond	Completed	2004	47	9	31	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-24	77160 3436 (Pond A, A-1)	Wet detention pond.	Bioswales	Completed	2012	148	20	57	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-25	77160-3439-01 (Pond 1)	Wet detention pond.	Wet Detention Pond	Completed	2006	7	1	20	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-26	FM 242702 79110-3403-04 and 05 (Pond QQ3 and QQ-5)	Wet detention pond.	Wet Detention Pond	Completed	2004	56	12	48	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-26b	FM 242702 79110-3403-04 and 05 (Pond QQ3 and QQ-5)	Wet detention pond.	Wet Detention Pond	Completed	2004	N/A	N/A	N/A	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-27	FM 242702 79110-3403-06 (RR-3)	Wet detention pond.	Wet Detention Pond	Completed	2004	68	17	53	Not provided	Not provided	Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT	Not provided	FDOT-28	FM 242702 79110-3403-07 (Pond SS-2)	Wet detention pond.	Wet Detention Pond	Completed	2006	92	26	88	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-29	FM 242702 Roadside Swale	Grass swales without swale blocks or raised culverts.	Bioswales	Completed	2004	94	14	35	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-30	FM 242702 Roadside Swale	Grass swales without swale blocks or raised culverts.	Bioswales	Completed	2006	40	6	13	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-31	SR 415 – missing from model	Grass swales without swale blocks or raised culverts.	Bioswales	Completed	2012	39	9	65	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-32	Education Efforts	Education efforts.	Public Education Efforts	Completed	N/A	101	13	N/A	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-33	Street Sweeping	Street sweeping.	Street Sweeping	Completed	N/A	410	263	N/A	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-34	Noncontributing Area in DeBary	Noncontributing area in DeBary.	Noncontributing Basin	Completed	N/A	195	28	39	Not provided	N/A	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-35	Noncontributing Area in Volusia County	Noncontributing area in Volusia County.	Noncontributing Basin	Completed	N/A	118	19	23	Not provided	N/A	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-36	SR 415 – Pond A (built under 407355-1)	Wet detention pond.	Wet Detention Pond	Completed	2016	7	2	4	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-37	FM: 407355-3 SR 415 – Pond B	Wet detention pond.	Wet Detention Pond	Completed	2016	8	1	9	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-38	SR 415 – Exfiltration Trench	Exfiltration trench.	Online Retention BMPs	Completed	2016	12	0	22	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-39	FM: 407355-3 SR 415 – Pond H (in database as Pond 1)	Wet detention pond.	Wet Detention Pond	Completed	2016	10	2	10	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-40	FM: 240216-2 SR 46 – Pond 1 (possibly modified and built by others)	Wet detention pond.	Wet Detention Pond	Underway	TBD	26	6	18	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-41	Fertilizer Cessation	Elimination of fertilizer use along state highway system. Removal of TN and TP loading.	Fertilizer Cessation	Completed	2016	712	0	278	Not provided	N/A	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-42	SR 400 Widening (from SR 44 to East of I-95)	Basin B Pond B.	Wet Detention Pond	Completed	2016	52	1	16	Not provided	Not provided	Legislature	Not provided	N/A
FDOT	Not provided	FDOT-43	SR 400 Widening (from	Basin E Pond E.	Wet Detention Pond	Completed	2016	59	1	16	Not provided	Not provided	Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
			SR 44 to East of I-95)												
City of Lake Helen	Not provided	LH-01	Education Efforts	Irrigation ordinance, pet waste ordinance, pamphlets, website.	Public Education Efforts	Completed	N/A	31	5	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Lake Mary	Seminole County	LM-01	Education Efforts	FYN, landscape ordinance, irrigation ordinance, pet waste ordinance, PSAs, pamphlets, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	362	52	N/A	N/A	\$5,500	City Stormwater Fund	\$5,500	N/A
City of Lake Mary	N/A	LM-02	Street Sweeping	Sweeping of 53.58 CM/yr.	Street Sweeping	Completed	N/A	10	6	N/A	N/A	\$13,000	City Stormwater Fund	\$13,000	N/A
City of Orange City	Not provided	OC-01	Education Efforts	Irrigation ordinance, pamphlets, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	1	0	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Sanford	DEP and U.S. Dept. of Housing and Urban Development (HUD)	S-01	Cloud Branch Phase I	Drainage/water quality improvements.	Wet Detention Pond	Completed	2007	647	174	187	\$3,491,375	Not provided	City/ Stormwater Utility/ DEP SRF	Not provided	Not provided
City of Sanford	DEP	S-02	Cloud Branch Phase II	Drainage/water quality improvements.	Wet Detention Pond	Completed	2007	1,390	406	380	\$3,072,693	Not provided	City/ Stormwater Utility/ DEP SRF	Not provided	Not provided
City of Sanford	N/A	S-03	Street Sweeping	Street sweeping citywide.	Street Sweeping	Completed	N/A	8,867	3,993	N/A	N/A	\$170,544	City/ Stormwater Utility	N/A	N/A
City of Sanford	Seminole County	S-04	Education Efforts	FYN, landscaping ordinance, irrigation ordinance, PSAs, pamphlets, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	2,070	325	N/A	N/A	\$2,000	City/ Stormwater Utility	N/A	N/A
City of Sanford	N/A	S-05	Sanford Ave. Baffle Box	2nd-generation baffle box.	Baffle Boxes – 2nd Generation	Completed	2015	6	1	N/A	\$2,400,000	Not provided	City/ Stormwater Utility/ Community Redevelopment Agency (CRA)	Not provided	N/A
City of Sanford	DEP	S-06	Mill Creek Wet Detention Pond	Wet detention pond.	Wet Detention Pond	Completed	2004	1,466	434	412	\$2,085,959	Not provided	City/ Stormwater Utility/ DEP SRF	Not provided	Not provided
City of Sanford	HUD	S-07	Baffle Boxes on 2nd St.	1st-generation baffle boxes.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	1997	9	7	200	\$1,891,082	Not provided	City/ Stormwater Utility/ DEP SRF and CDBG	Not provided	Not provided
City of Sanford	DEP	S-08	WWTP Reclaimed	Upgrade to WWTP treatment process that will	WWTF Nutrient Reduction	Planned	2018	9,992	750	Not provided	\$16,000,000	\$100,000	City/ DEP SRF	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
			Water Nutrient Reduction	reduce concentration of TN from 20 to 4 mg/L and TP from 4 to 1 mg/L in reclaimed water; 0.376 mgd to Lake Monroe directly.											
Seminole County	Not provided	SC-01	Club II RSF	RSF to collect and treat stormwater runoff.	Wet Detention Pond	Completed	2007	1,333	396	423	\$2,334,682	\$20,095	Not provided	Not provided	N/A
Seminole County	Not provided	SC-02	Midway RSF	RSF to collect and treat stormwater runoff.	Wet Detention Pond	Completed	2009	408	118	122	\$2,163,151	\$26,662	Not provided	Not provided	N/A
Seminole County	Not provided	SC-03	Elder RSF	RSF to collect and treat stormwater runoff.	Wet Detention Pond	Completed	2007	519	134	230	\$3,884,496	\$19,251	Not provided	Not provided	N/A
Seminole County	Not provided	SC-04	Lockhart RSF	RSF to collect and treat stormwater runoff.	Wet Detention Pond	Completed	2007	3,201	840	2,757	\$3,504,755	Not provided	Not provided	Not provided	N/A
Seminole County	Not provided	SC-05	Street Sweeping	Street sweeping throughout county.	Street Sweeping	Completed	N/A	300	135	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Seminole County	Not provided	SC-06	Education Efforts	FYN, landscaping ordinance, irrigation ordinance, pet waste ordinance, PSAs, pamphlets, website, Illicit Discharge Program.	Public Education Efforts	Completed	N/A	1,876	282	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Seminole County	Altamonte, Casselberry, Lake Mary, Longwood, Oviedo	SC-07	Seminole County Fertilizer Ordinance	Reduction of nitrogen and phosphorus sources, through public education and restrictions on use.	Regulations, Ordinances, and Guidelines	Planned	N/A	TBD	N/A	14,267	\$150,000	65,000	Ad Valorem Taxes and FFL Cost-Shares	\$28,000 annual city cost-share total/ \$37,000 county portion	NF034
Seminole County	Not provided	SC-08	Midway Phase II, Ditch Diversion	Addition of ditch bottom inlet and regrading to route untreated runoff into Pond 4 of existing RSF.	Wet Detention Pond	Completed	Aug-16	175	35	25	\$59,300	Not provided	Not provided	Not provided	N/A
Turnpike Enterprise	Not provided	T-01	Street Sweeping	SR 417 mile marker (MM) 51-55 16 CM mainline per cycle; 6 CM ramps per cycle; 24 total CM/month or 288 CM/yr; 93,312 lbs or 42,325.61 kg of dry material.	Street Sweeping	Completed	N/A	53	34	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Turnpike Enterprise	Not provided	TP-02	Education Efforts	No fertilizer on rights-of-way; illicit discharge training.	Public Education Efforts	Completed	N/A	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A
Volusia County	Not provided	VC-01	Education and Outreach	Education efforts.	Public Education Efforts	Completed	N/A	1,392	201	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Volusia County	Not provided	VC-02	Street Sweeping	Street sweeping.	Street Sweeping	Completed	N/A	3,130	2,007	N/A	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Volusia County	Not provided	VC-03	Lemon Bluff Road	Grass swales without swale blocks or raised culverts.	Bioswales	Completed	2011	7	1	2	\$145,000	Not provided	Not provided	Not provided	N/A
Volusia County	Not provided	VC-04	Lemon Bluff Road Ramp	Grass swales without swale blocks or raised culverts.	Bioswales	Completed	2011	1	0	0	\$55,550	Not provided	Not provided	Not provided	N/A
Volusia County	Not provided	VC-05	DeBary Ave. Expansion	DeBary Ave. – Doyle Rd. expansion.	Wet Detention Pond	Completed	2012	41	10	123	Not provided	Not provided	Not provided	Not provided	N/A
Volusia County	Not provided	VC-06	Lake Winnemissett Noncontributing Basin	Noncontributing basin; not included in TMDL model.	Noncontributing Basin	Completed	2012	658	94	1,003	N/A	N/A	N/A	N/A	N/A
Volusia County	Not provided	VC-07	Roadside Ditch Cleaning	Ongoing roadside ditch cleaning countywide.	BMP Clean Out	Completed	N/A	905	556	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Volusia County	County/ DEP/ SJRWMD	VC-08	Gemini Springs Baffle Boxes	Installation of 2 baffle boxes.	Baffle Boxes – 2nd Generation	Planned	7/30/2019	850	135	208	\$381,900	Not provided	DEP/ SJRWMD	DEP – \$95,000 SJRWMD – \$95,000	NS034

Lower St. Johns River (LSJR) Main Stem BMAP

Background

The LSJR Main Stem is the 2,750-square-mile drainage area that flows north from the mouth of the Ocklawaha River to the Atlantic Ocean. This reach of the St. Johns River is 101 miles long (**Figure C-7**).

DEP identified the LSJR as impaired for chlorophyll *a* in the freshwater section (Buffalo Bluff to Black Creek) and for DO in the marine section (Black Creek to the Atlantic Ocean near Mayport). DEP adopted TN and TP TMDLs, to restore chlorophyll *a* levels in the freshwater section. It also adopted a TN TMDL in the marine section to restore DO levels. The LSJR Main Stem BMAP was adopted in October 2008 to implement these TMDLs.

Status of Projects

Through December 31, 2017, 294 projects were completed. An additional 52 projects that are underway or planned were added to the BMAP. In the freshwater section, the projects completed to date are estimated to achieve total reductions of 400,990 lbs/yr of TN and 102,211 lbs/yr of TP, or 70 % of the TN reductions and 89 % of the TP reductions needed to meet the freshwater TN and TP TMDLs, respectively. In the marine section, the projects completed to date are estimated to achieve total reductions of 2,816,993 lbs/yr of TN, or 119 % of the TN reductions needed to meet the marine TN TMDL.

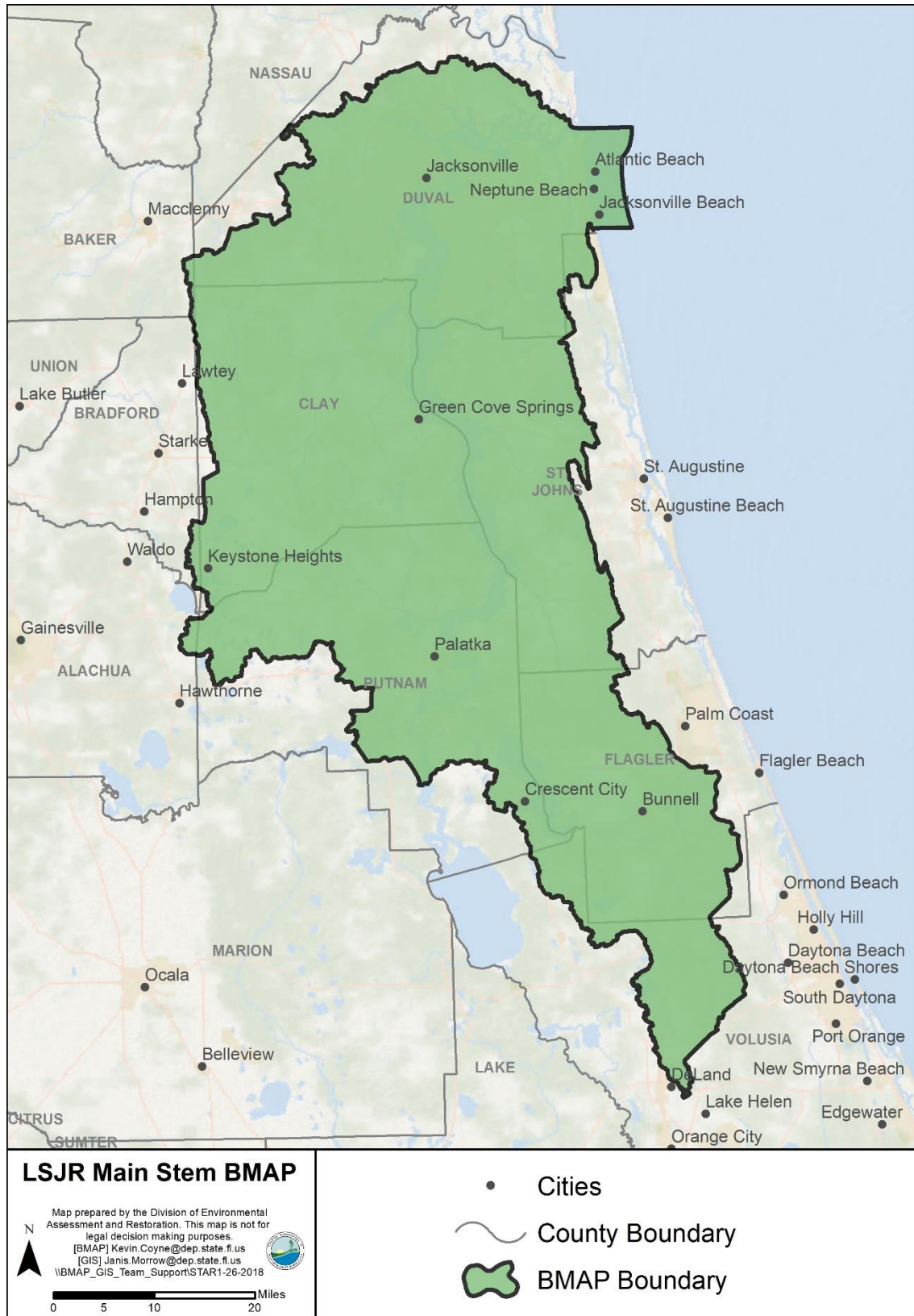


Figure C-17. LSJR Main Stem BMAP area

Table C-7. LSJR Main Stem BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDACS	Agricultural Producers	AG-01	Agriculture	Agricultural BMPs are practical, cost-effective actions that agricultural producers can take to reduce amount of pesticides, fertilizers, animal waste, and other pollutants entering water resources; and to increase water use efficiencies.	Agricultural BMPs	Underway	TBD	N/A	N/A	Freshwater	57,763.0	N/A	N/A	FDACS	Not provided	N/A
FDACS	Agricultural Producers	AG-02	Agriculture	Formerly called "Deep Creek West (Yarborough) RST" in BMAP.	Regional Stormwater Treatment	Underway	TBD	N/A	N/A	Freshwater	Not provided	Not provided	Not provided	FDACS	Not provided	N/A
FDACS	Agricultural Producers	AG-03	Agriculture	Edgefield RST.	Regional Stormwater Treatment	Canceled	N/A	N/A	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Agricultural Producers	AG-04	Agriculture	New RST.	Regional Stormwater Treatment	Canceled	N/A	N/A	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Agricultural Producers	AG-05	Agriculture	New RST.	Regional Stormwater Treatment	Canceled	N/A	N/A	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Not provided	CC-01	CC MS4 FLR04E045	Education program.	Public Education Efforts	Completed	N/A	244	36	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	FDOT	CC-02	CC MS4 FLR04E045	FDOT SR 21 widening from SR 215 to CR 220.	Dry Detention Pond	Completed	Prior to 2008	11	5	Freshwater	Not provided	Not provided	Not provided	FDOT/ State Legislature	N/A	N/A
Clay County MS4	CCUA	CC-03	CC MS4 FLR04E045	Trade with CCUA-05 with trading factors applied to total 2,850 kg TN; 7,973 kg TP sale, also applied in CC-06.	Other	Completed	2009	900	2,922	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
Clay County Non-MS4	Not provided	CC-04	CC Non-MS4	Education program.	Public Education Efforts	Completed	N/A	491	68	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County Non-MS4	FDOT	CC-05	CC Non-MS4	FDOT construction of 7 wet ponds on SR 15 from Putnam County line to SR 16.	Wet Detention Pond	Completed	Prior to 2008	378	197	Freshwater	Not provided	Not provided	Not provided	FDOT/ State Legislature	N/A	N/A
Clay County Non-MS4	CCUA	CC-06	CC Non-MS4	Trade with CCUA-05 with trading factors applied to	Other	Completed	2009	N/A	325	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				total 2,850 kg TN; 7,973 kg TP sale, also applied in CC-06.												
Clay County MS4	Seminole Electric	CC-07	CC MS4 FLR04E045	Atmospheric deposition load reduction – Seminole Electric selective catalytic reduction (SCR) upgrade.	Atmospheric Deposition Reduction	Completed	2010	519	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County Non-MS4	Seminole Electric	CC-08	CC Non-MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	1,155	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County/ FDOT	CC-24	CC MS4 FLR04E045	CR 220 widening stormwater retention.	Control Structure	Planned	2023	TBD	N/A	Freshwater	12.5	\$13,000,000	\$10,000	State/ Federal/ Local	\$13,000,000	Not provided
City of Jacksonville (COJ)/ FDOT MS4	N/A	COJ-144	COJ MS4 FLS000012	SR 15 add lanes San Mateo.	STA	Completed	N/A	115	60	Freshwater	85.5	\$16,500,000	Not available	Legislature	\$16,500,000	N/A
City of Green Cove Springs	Not provided	GCS-01	GCS – Harbor Rd. FL0020915, South FL0030210	Reuse to golf course.	Stormwater Reuse	Canceled	10/31/2011	N/A	6,035	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Green Cove Springs	Not provided	GCS-02	GCS – Harbor Rd. FL0020915, South FL0030210	Convert to modified Ludzack-Ettinger treatment process and alum feed.	Other	Canceled	10/31/2011	N/A	1,025	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Green Cove Springs	Not provided	GCS-03	GCS – Harbor Rd. FL0020915, South FL0030210	Operational changes.	WWTF Nutrient Reduction	Completed	2011	21,210	5,469	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Green Cove Springs MS4	Not provided	GCS-03	GCS MS4 FLR04E103	Southwest drainage system improvements.	Wet Detention Pond	Completed	prior to 2008	62	33	Freshwater	55	Not provided	Not provided	Not provided	Not provided	N/A
City of Green Cove Springs MS4	Not provided	GCS-04	GCS MS4 FLR04E103	Cypress baffle box.	Baffle Boxes – 1st Generation (hydrodynamic separator)	Completed	prior to 2009	33	13	Freshwater	125	Not provided	Not provided	Not provided	Not provided	N/A
City of Green Cove Springs MS4	Not provided	GCS-05	GCS MS4 FLR04E103	Green Cove Springs Industrial Park.	Wet Detention Pond	Completed	prior to 2010	128	68	Freshwater	92	Not provided	Not provided	Not provided	Not provided	N/A
City of Green Cove Springs MS4	Not provided	GCS-06	GCS MS4 FLR04E103	Vystar Credit Union.	Dry Detention Pond	Completed	prior to 2011	1	0	Freshwater	2	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Green Cove Springs MS4	Seminole Electric	GCS-07	GCS MS4 FLR04E103	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	1,305	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Green Cove Springs MS4	Seminole Electric	GCS-07	GCS MS4 FLR04E103	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	1,305	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Georgia-Pacific	Not provided	GP-01	Georgia-Pacific	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	202,941	67,525	Freshwater	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Town of Hastings Non-MS4	Not provided	HAS-01	Hastings Non-MS4	WWTP chemical feed systems.	Alum Injection Systems	Completed	2008	388	548	Freshwater	Not provided	\$10,000	Not provided	Not provided	Not provided	N/A
Town of Hastings Non-MS4	FDOT	HAS-02	Hastings Non-MS4	FDOT widening of SR 207.	Wet Detention Pond	Completed	Prior to 2008	15	8	Freshwater	12	Not provided	Not provided	Legislature	N/A	N/A
Town of Hastings Non-MS4	FDOT	HAS-03	Hastings Non-MS4	FDOT widening of SR 207 from CR 305 to Cypress Link Blvd.	Wet Detention Pond	Completed	Prior to 2008	143	74	Freshwater	106	Not provided	Not provided	Legislature	N/A	N/A
Town of Hastings Non-MS4	Seminole Electric	HAS-04	Hastings Non-MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	119	N/A	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
Town of Hastings Non-MS4	St. Johns County	HAS-05	Hastings Non-MS4	Credit traded to SJC-36,198 kg of TP freshwater.	Other	Completed	2010	N/A	-436	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
City of Palatka WWTF	Not provided	PAL-01	Palatka WWTF FL0040061	Reuse to golf course.	Stormwater Reuse	Completed	Prior to 2008	28,600	3,806	Freshwater	N/A	\$2,500,000	Not provided	Not provided	Not provided	N/A
City of Palatka WWTF	Not provided	PAL-02	Palatka WWTF FL0040061	Reuse to ballfields.	Stormwater Reuse	Completed	2008	11,499	1,520	Freshwater	N/A	\$650,000	Not provided	Not provided	Not provided	N/A
City of Palatka WWTF	Not provided	PAL-03	Palatka WWTF FL0040061	Reuse to cemeteries.	Stormwater Reuse	Completed	2009	20,000	2,651	Freshwater	N/A	\$1,250,000	Not provided	Not provided	Not provided	N/A
City of Palatka WWTF	Not provided	PAL-04	Palatka WWTF FL0040061	Reuse at WTP.	Stormwater Reuse	Completed	2009	25,799	3,421	Freshwater	N/A	\$787,000	Not provided	Not provided	Not provided	N/A
City of Palatka WWTF	Not provided	PAL-05	Palatka WWTF FL0040061	Zero discharge.	No Discharge	Completed	2014	48,057	10,503	Freshwater	N/A	\$8,500,000	Not provided	DEP/ SJRWMD	Not provided	Not provided
City of Palatka Non-MS4	Seminole Electric	PAL-06	Palatka Non-MS4	Atmospheric deposition load reduction –	Atmospheric Deposition Reduction	Completed	2010	1,815	N/A	Freshwater	N/A	\$176,000,000	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Seminole Electric SCR upgrade.												
City of Palatka Non-MS4	Not provided	PAL-07	Palatka Non-MS4	Downtown watershed first-flush treatment.	STAs	Completed	2015	4	1	Freshwater	N/A	Not provided	Not provided	Not provided	\$160,000	N/A
City of Palatka Non-MS4	SJRWMD/ Better Place	PAL-08	Palatka Non-MS4	Booker Park Regional Pond.	Stormwater Reuse	Underway	2020	785	151	Freshwater	130.0	\$1,500,000	\$20,000	SJRWMD/ Better Place Plan Funding	SJRWMD – Phase 1 \$440,000	N/A
City of Palatka Non-MS4	SJRWMD/ Community Redevelopment Funding	PAL-09	Palatka Non-MS4	South Historic District Pretreatment.	Exfiltration Trench	Underway	2020	TBD	TBD	Freshwater	45.0	\$1,400,000	\$10,000	SJRWMD, TIF	SJRWMD – \$500,000	N/A
City of Palatka WWTF	Tater Farms	PAL-10	Palatka WWTF FL0040061	Reuse to 200+ ac of agriculture (0.5 mgd of use).	Reclaimed Water	Planned	2021	TBD	TBD	Freshwater	N/A	\$1,200,000	\$20,000	SJRWMD, Utility	SJRWMD – \$1,109,220	N/A
Putnam County Non-MS4	Not provided	PUT-01	Putnam Non-MS4	Phase out Putnam Lanes WWTF.	WWTF Upgrade	Completed	Prior to 2008	110	28	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Putnam County Non-MS4	Not provided	PUT-02	Putnam Non-MS4	Phase out Hiawatha WWTF.	WWTF Upgrade	Completed	2015	330	110	Freshwater	N/A	\$1,800,000	Not provided	Not provided	Not provided	N/A
Putnam County Non-MS4	Not provided	PUT-03	Putnam Non-MS4	Septic tank phase out.	Septic Tank PhaseOut	Underway	2016	1,551	656	Freshwater	N/A	\$1,800,000	Not provided	Not provided	Not provided	N/A
Putnam County Non-MS4	Not provided	PUT-04	Putnam Non-MS4	Edgefield RST O&M value.	Regional Stormwater Treatment	Completed	2014	1,307	592	Freshwater	N/A	\$325,000	Not provided	Not provided	Not provided	N/A
Putnam County Non-MS4	FDOT	PUT-05	Putnam Non-MS4	FDOT construction of 7 wet ponds on SR 15 from Clay County line to south of Gordon Wilkins Rd.	Wet Detention Pond	Completed	Prior to 2008	1,591	829	Freshwater	1,181	Not provided	Not provided	Legislature	Not provided	N/A
Putnam County Non-MS4	Not provided	PUT-06	Putnam Non-MS4	Algal initiative.	Other	Underway	10/31/2017	4,275	1,814	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Putnam County Non-MS4	Seminole Electric	PUT-07	Putnam Non-MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	8,923	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Putnam County Non-MS4	Not provided	PUT-08	Putnam Non-MS4	Education and outreach.	Public Education Efforts	Completed	N/A	3,119	428	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Putnam County Non-MS4	SJRWMD	PUT-09	Putnam Non-MS4	Phase 1 – Force main installation from Paradise Point to Yelvington Rd. Master Lift Station.	Wastewater Service Area Expansion	Underway	10/1/2019	270	45	Freshwater	16.0	\$2,500,000	TBD	Putnam County/ SJRWMD Cost-Share	Putnam County – \$500,000 SJRWMD – \$2,000,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Seminole Electric	Not provided	SE-01	Seminole Electric Total	SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	13,891	N/A	Freshwater	N/A	\$176,000,000	Not provided	Seminole Electric	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-01	SJC Non-MS4	Purchase of street sweeper.	Street Sweeping	Canceled	N/A	N/A	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-02	SJC Non-MS4	Street sweeping.	Street Sweeping	Canceled	N/A	N/A	N/A	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-03	SJC Non-MS4	Stormwater education.	Public Education Efforts	Completed	N/A	2,372	410	Freshwater	N/A	N/A	\$20,000	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-04	SJC Non-MS4	LID.	Regulations, Ordinances, and Guidelines	Planned	N/A	N/A	N/A	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-05	SJC Non-MS4	Slow-release fertilizer ordinance.	Regulations, Ordinances, and Guidelines	Completed	2010	TBD	TBD	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-06	SJC Non-MS4	Deep Creek RST O&M value.	Regional Stormwater Treatment	Completed	2011	689	563	Freshwater	Not provided	Not provided	\$65,000	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-07	SJC Non-MS4	Purchase Hastings WWTF reduction credits HAS-05.	Other	Completed	2010	N/A	436	Freshwater	N/A	N/A	\$30,000	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-08	SJC Non-MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	4,261	N/A	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-27	SJC Non-MS4	Application of freshwater non-MS4 TN credits to marine non-MS4 section.	Other	Completed	2010	-3,060	N/A	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
Town of Welaka Non-MS4	Not provided	WEL-01	Welaka Non-MS4	Septic tank phase out.	Septic Tank Phase Out	Underway	10/31/2017	901	337	Freshwater	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Town of Welaka Non-MS4	Seminole Electric	WEL-02	Welaka Non-MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	220	N/A	Freshwater	N/A	N/A	N/A	N/A	N/A	N/A
City of Atlantic Beach	Not provided	AB-01	Buccaneer WWTP FL0023248	Complete upgrade to sequencing batch reactor.	WWTF Upgrade	Completed	prior to 2008	21,967	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Atlantic Beach	Not provided	AB-02	Main WWTP FL0038776	Upgrade to biological nutrient removal and flow transfer from Buccaneer WWTF.	WWTF Upgrade	Completed	2013	48,661	N/A	Marine	N/A	\$9,000,000	Not provided	DEP SRF Loan – \$8,000,000 SJRWMD grant – \$1,000,000)	\$9,000,000	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Atlantic Beach	SJRWMD	AB-03	Main WWTP FLS0038776	Atlantic Beach Country Club reclaimed facilities.	WWTF Diversion to Reuse	Completed	2014	4,566	N/A	Marine	N/A	\$1,410,528	Not provided	SJRWMD Cost-Share	\$442,000	N/A
City of Atlantic Beach	Not provided	AB-04	Atlantic Bch MS4 FLS000012	Core City Capital Improvement Project: Stormwater, sanitary sewer, and water system upgrades.	Baffle Boxes – 2nd Generation with Media	Completed	prior to 2008	1,450	N/A	Marine	180.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Atlantic Beach	Not provided	AB-05	Atlantic Bch MS4 FLS000012	Hopkins Creek stormwater treatment system.	Wet Detention Pond	Completed	2008	26	N/A	Marine	53.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Atlantic Beach	FDOT	AB-06	Atlantic Bch MS4 FLS000012	FDOT widening of SR 10 (Atlantic Blvd.) roadway and bridge upgrade.	Wet Detention Pond	Completed	prior to 2008	110	N/A	Marine	152.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Atlantic Beach	FDOT	AB-07	Atlantic Bch MS4 FLS000012	FDOT Atlantic Blvd. and Mayport Rd. interchange.	Wet Detention Pond	Completed	prior to 2008	40	N/A	Marine	50.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Atlantic Beach	FDOT	AB-08	Atlantic Bch MS4 FLS000012	FDOT Wonderwood Connector Segment 1 – Girvin to Sandcastle.	Wet Detention Pond	Completed	prior to 2008	13	N/A	Marine	70.00	Not provided	Not provided	Not provided	Not provided	N/A
City of Atlantic Beach	Seminole Electric	AB-09	Atlantic Bch MS4 FLS000012	Atmospheric deposition load reduction – Seminole Electric SCR Upgrade.	Atmospheric Deposition Reduction	Completed	2010	172	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Atlantic Beach	N/A	AB-10	Atlantic Bch MS4 FLS000012	Identifies improvements for future capital projects.	Studies	Underway	6/1/2018	N/A	N/A	Marine	N/A	\$190,000	N/A	City of Atlantic Beach	\$190,000	N/A
City of Atlantic Beach	SJRWMD	AB-11	Atlantic Bch MS4 FLS000012	Phasing out existing septic tanks.	Septic Tank Phase Out	Planned	7/1/2019	TBD	TBD	Marine	N/A	\$400,000	TBD	City of Atlantic Beach/ SJRWMD	\$200,000 / \$200,000	N/A
FDACS	Agricultural Producers	AG-01	Agriculture	Agricultural BMPs are practical, cost-effective actions that agricultural producers can take to reduce amount of pesticides, fertilizers, animal waste, and other pollutants entering water resources, and to increase water use efficiencies.	Agricultural BMPs	Underway	TBD	N/A	N/A	Marine	57,763.0	N/A	N/A	FDACS	Not provided	N/A
Anheuser Busch	Not provided	ANB-01	Anheuser Busch –	Complete process improvements.	WWTF Upgrade	Completed	2006	26,358	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
			Main St.													
Camp Blanding Non-MS4	Not provided	CB-01	Camp Blanding	Regrade existing swale system (completed through 2013).	Grass Swales without Swale Blocks or Raised Culverts	Completed	Not provided	1,552	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Camp Blanding Non-MS4	Not provided	CB-02	Camp Blanding	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	WWTF Nutrient Reduction	Completed	Not provided	216	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Camp Blanding Non-MS4	Not provided	CB-03	Camp Blanding	Completed stormwater projects.	Online Retention BMPs	Completed	2014	105	N/A	Marine	33.0	Not provided	Not provided	Not provided	Not provided	N/A
Camp Blanding Non-MS4	Not provided	CB-04	Camp Blanding	Regrade existing swale system (80 mi).	Grass Swales without Swale Blocks or Raised Culverts	Completed	2/10/2017	1,760	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-09	CC MS4 FLR04E045	Wells Rd. improvements.	Wet Detention Pond	Completed	Prior to 2008	20	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-10	CC MS4 FLR04E045	CR 224 Phase I.	Wet Detention Pond	Completed	Prior to 2009	84	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-11	CC MS4 FLR04E045	CR 224 Phase II.	Wet Detention Pond	Completed	Prior to 2010	150	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-12	CC MS4 FLR04E045	Education program.	Public Education Efforts	Completed	N/A	2,222	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	FDOT	CC-13	CC MS4 FLR04E045	FDOT construction of stormwater management systems for Clay County recreational trail on SR 15.	Wet Detention Pond	Completed	Prior to 2008	198	N/A	Marine	Not provided	Not provided	Not provided	Legislature	N/A	N/A
Clay County MS4	FDOT	CC-14	CC MS4 FLR04E045	FDOT SR 15 widening at Fleming Island.	Wet Detention Pond	Completed	Prior to 2008	2,939	N/A	Marine	Not provided	Not provided	Not provided	Legislature	N/A	N/A
Clay County MS4	FDOT	CC-15	CC MS4 FLR04E045	FDOT SR 15 widening at Fleming Island from Village Sq. Park Rd. to south of Margarets Walk Rd.	Wet Detention Pond	Completed	Prior to 2008	1,461	N/A	Marine	Not provided	Not provided	Not provided	Legislature	N/A	N/A
Clay County MS4	Seminole Electric	CC-16	CC MS4 FLR04E045	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	1,861	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County Non-MS4	Clay County	CC-17	CC Non-MS4	Education program.	Public Education Efforts	Completed	N/A	1,060	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County Non-MS4	FDOT	CC-18	CC Non-MS4	FDOT SR 23 improvements from	Wet Detention Pond	Completed	Prior to 2008	152	N/A	Marine	Not provided	Not provided	Not provided	FDOT/ Legislature	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Kindlewood Rd. to Duval County line – 5 systems.												
Clay County Non-MS4	Seminole Electric	CC-19	CC Non-MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	Prior to 2008	865	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-20	CC MS4 FLR04E045	CR 729 widening from CR 218 to Black Creek Bridge.	Wet Detention Pond	Completed	2014	99	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-21	CC MS4 FLR04E045	Old Jennings Rd. widening from Blanding Blvd. to Branan Field Rd.	Wet Detention Pond	Completed	2012	37	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-22	CC MS4 FLR04E045	College Dr. Ponds A and B.	Wet Detention Pond	Completed	2014	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Clay County MS4	Clay County	CC-23	COJ MS4 FLS000012	Education program.	Public Education Efforts	Completed	N/A	TBD	N/A	Marine	Not provided	\$10,000	Not provided	Ad valorem	\$10,000	N/A
Clay County Utility Authority (CCUA) Aggregate	Not provided	CCUA-01	Fleming Island WWTF FL0043834	Upgrade to A Prototype Realistic Innovative Community of Today (APRICOT) and reuse.	WWTF Upgrade	Completed	Prior to 2008	40,029	N/A	Marine	N/A	\$4,143,944	\$474,020	Not provided	Not provided	N/A
CCUA Aggregate	Not provided	CCUA-02	Miller St. WWTF FL0025151	Reuse water upgrades including Spencer WWTP.	WWTF Upgrade	Completed	2011	35,670	N/A	Marine	N/A	\$16,255,437	\$311,360	Not provided	Not provided	N/A
CCUA Aggregate	Not provided	CCUA-03	Miller St. WWTF FL0025151	WWTF improvements to meet APRICOT standards.	WWTF Nutrient Reduction	Completed	Prior to 2008	22,737	N/A	Marine	N/A	\$5,889,193	\$133,520	Not provided	Not provided	N/A
CCUA Aggregate	DEP/ SJRWMD	CCUA-04	Mid-Clay Reclaimed Land Application and Recovery System	Project increases capacity of RIBs at CCUA Mid-Clay WWTF, allowing CCUA to land apply additional 1.235 mgd of treated effluent that would otherwise be discharged into St. Johns River.	WWTF Disposal Site	Completed	Not provided	11,286	3,348	Marine	N/A	\$2,836,095	\$6,445	SRF Loan/ SJRWMD Cost-Share Agreement	SJRWMD – \$1,030,853 SRF Loan – \$1,735,142	WW858050
CCUA Aggregate	Clay County	CCUA-05	Trade	Trade with CC-03 and CC-06. Sold TN 2,850 kg and TP 7,973 kg.	Other	Completed	2009	-6,270	-17,541	Marine	N/A	Not provided	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-001	COJ MS4 FLS000012	Big Fishweir Creek-Murray Hill Phase I – Drainage improvements.	Baffle Boxes – 2nd Generation	Completed	Prior to 2008	176	N/A	Marine	219	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
COJ/ FDOT MS4	Not provided	COJ-002	COJ MS4 FLS000012	Sixmile Creek-West 1st St./Melson Ave. – Drainage improvements.	Wet Detention Pond	Completed	Prior to 2008	1,034	N/A	Marine	254	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-003	COJ MS4 FLS000012	McCoys Creek Ponds A and B.	Wet Detention Pond	Completed	Prior to 2008	1,650	N/A	Marine	680	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-004	COJ MS4 FLS000012	McCoys Creek Pond F.	Wet Detention Pond	Completed	Prior to 2008	22	N/A	Marine	11	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-005	COJ MS4 FLS000012	Riverside Ave. – Baffle boxes.	Baffle Boxes – 2nd Generation	Completed	Prior to 2008	88	N/A	Marine	70	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-006	COJ MS4 FLS000012	St. Augustine Rd. (Emerson to US 1) – Regional pond facilities.	Wet Detention Pond	Completed	Prior to 2008	440	N/A	Marine	167	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-007	COJ MS4 FLS000012	Powers Ave./Old Kings Rd. – Regional pond facilities.	Wet Detention Pond	Completed	Prior to 2008	1,364	N/A	Marine	520	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-008	COJ MS4 FLS000012	Fouraker Rd. – From Old Middleburg Rd. to Normandy Blvd. Regional pond facilities.	Wet Detention Pond	Completed	Prior to 2008	88	N/A	Marine	32	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-009	COJ MS4 FLS000012	Greenland Rd. from St. Augustine Rd. to Coastal Lane – Detention pond facilities.	Wet Detention Pond	Completed	Prior to 2008	66	N/A	Marine	33	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-010	COJ MS4 FLS000012	Barnes Rd. from University Blvd. to Parental Home Rd. – Detention pond facilities.	Wet Detention Pond	Completed	Prior to 2008	44	N/A	Marine	97	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-011	COJ MS4 FLS000012	Emerson St. from Emerson St. Expwy to Spring Glenn Rd. – Detention pond facility.	Wet Detention Pond	Completed	Prior to 2008	44	N/A	Marine	17	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-012	COJ MS4 FLS000012	Bowden Rd. from US Hwy. 1 to Salisbury Rd. – Detention pond facilities.	Wet Detention Pond	Completed	Prior to 2008	286	N/A	Marine	98	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-013	COJ MS4 FLS000012	Parental Home Rd. Phase I (Bowden Rd. from Salisbury Rd. to Dean Rd.) – Detention pond facility.	Wet Detention Pond	Completed	Prior to 2008	44	N/A	Marine	28	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
COJ/ FDOT MS4	Not provided	COJ-014	COJ MS4 FLS000012	Parental Home Rd. Phase II (Beach Blvd. to Ibach Rd.) – Detention pond facility.	Wet Detention Pond	Completed	Prior to 2008	22	N/A	Marine	82	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-015	COJ MS4 FLS000012	Lorretto Rd. from SR 13 to Old St. Augustine Rd. – Detention pond facilities.	Wet Detention Pond	Completed	Prior to 2008	110	N/A	Marine	55	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-016	COJ MS4 FLS000012	Belford Rd.- Pottsburg Creek to Touchton Rd. – Detention pond facilities.	Wet Detention Pond	Completed	Prior to 2008	22	N/A	Marine	20	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-017	COJ MS4 FLS000012	Royal Terrace Phases A+B+C+D+E+1+2+3+4 – Master pond facility.	Wet Detention Pond	Completed	Prior to 2008	902	N/A	Marine	332	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-018	COJ MS4 FLS000012	University Pointe regional pond facility.	Wet Detention Pond	Completed	Prior to 2008	330	N/A	Marine	102	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-019	COJ MS4 FLS000012	Cleveland Rd. Phase I-B wet detention pond.	Wet Detention Pond	Completed	Prior to 2008	330	N/A	Marine	269	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-020	COJ MS4 FLS000012	Hogan Creek.	Wet Detention Pond	Completed	Prior to 2008	110	N/A	Marine	48	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-021	COJ MS4 FLS000012	McCoy Creek Pond D.	Wet Detention Pond	Completed	Prior to 2008	66	N/A	Marine	27	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-022	COJ MS4 FLS000012	Upper Deer Creek – RSF.	Wet Detention Pond	Completed	Prior to 2008	1,848	N/A	Marine	537	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-023	COJ MS4 FLS000012	Hugh Edwards Canal.	Wet Detention Pond	Completed	Prior to 2008	1,672	N/A	Marine	329	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-024	COJ MS4 FLS000012	Cedar River outfall improvements.	Wet Detention Pond	Completed	Prior to 2008	1,166	N/A	Marine	1,452	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-025	COJ MS4 FLS000012	Sandalwood Canal.	Wet Detention Pond	Completed	2008	1,936	N/A	Marine	3,118	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-026	COJ MS4 FLS000012	Moncrief Creek.	Wet Detention Pond	Completed	Prior to 2008	1,430	N/A	Marine	619	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-027	COJ MS4 FLS000012	Lincoln Villas East Side – Regional pond facility.	Wet Detention Pond	Completed	Prior to 2008	220	N/A	Marine	185	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-028	COJ MS4 FLS000012	Old Middleburg Rd. from Wilson Blvd. to 103rd St. – Regional pond facilities.	Wet Detention Pond	Completed	Prior to 2008	462	N/A	Marine	192	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-029	COJ MS4 FLS000012	Lakeshore Woodcrest drainage improvements.	Wet Detention Pond	Completed	Prior to 2008	968	N/A	Marine	296	Not provided	Not provided	Not provided	Not provided	N/A

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COJ/ FDOT MS4	Not provided	COJ-030	COJ MS4 FLS000012	Townsend Rd. drainage improvements.	Wet Detention Pond	Completed	Prior to 2008	132	N/A	Marine	151	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-031	COJ MS4 FLS000012	Lenox Ave. (Hwy. to McDuff).	Wet Detention Pond	Completed	Prior to 2008	396	N/A	Marine	108	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-032	COJ MS4 FLS000012	Wesconnett Blvd. (Blanding to Blanding).	Wet Detention Pond	Completed	Prior to 2008	88	N/A	Marine	396	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-033	COJ MS4 FLS000012	Durkeeville West.	Wet Detention Pond	Completed	Prior to 2008	352	N/A	Marine	106	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-034	COJ MS4 FLS000012	Huffman Blvd.	Wet Detention Pond	Completed	Prior to 2008	44	N/A	Marine	16	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-035	COJ MS4 FLS000012	Spring Park Rd./ Emerson to University.	Wet Detention Pond	Completed	Prior to 2008	110	N/A	Marine	36	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-036	COJ MS4 FLS000012	Barnes Rd./Kennerly to University.	Wet Detention Pond	Completed	Prior to 2008	1,584	N/A	Marine	418	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-037	COJ MS4 FLS000012	Pritchard Rd. (Jones to I-295).	Wet Detention Pond	Completed	Prior to 2008	0	N/A	Marine	116	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-038	COJ MS4 FLS000012	Lenox (Lane to Normandy).	Wet Detention Pond	Completed	Prior to 2008	66	N/A	Marine	47	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-039	COJ MS4 FLS000012	Cahoon Rd., Phase I.	Wet Detention Pond	Completed	Prior to 2008	44	N/A	Marine	23	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-040	COJ MS4 FLS000012	Pulaski Rd. (Eastport Dr. to New Berlin Rd.).	Wet Detention Pond	Completed	Prior to 2008	44	N/A	Marine	19	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-041	COJ MS4 FLS000012	Lamoya roadway project.	Wet Detention Pond	Completed	Prior to 2008	0	N/A	Marine	17	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042	COJ MS4 FLS000012	LSJR upstream of Trout River.	Wet Detention Pond	Planned	12/31/2023	5,500	N/A	Marine	3,141	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-042a	COJ MS4 FLS000012	McCoy Creek Pond C (LSJR upstream of Trout River) – compensatory treatment #40-031-18070-4 #40-031-115242-1.	Wet Detention Pond	Completed	2014	385	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042b	COJ MS4 FLS000012	McCoy Creek Burke Lime Pit (LSJR upstream of Trout River).	Wet Detention Pond	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042c	COJ MS4 FLS000012	Miruelo Cir. Drainage Improvements (LSJR upstream of Trout River) – Changed from bioswale to erosion control only	Other	Underway	TBD	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A

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				in 2011 #400-031-89582-2.												
COJ/ FDOT MS4	Not provided	COJ-042d	COJ MS4 FLS000012	Paul Ave. outfall (LSJR upstream of Trout River).	Wet Detention Pond	Completed	2013	35	N/A	Marine	Not provided	Not provided	Not provided	Not provided	\$1M Grant	N/A
COJ/ FDOT MS4	Not provided	COJ-042e	COJ MS4 FLS000012	Smith-Broward Pond (LSJR upstream of Trout River) #40-031-114255-1.	Wet Detention Pond	Completed	2010	55	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042f	COJ MS4 FLS000012	Pine Forest/Larsen Acres (LSJR upstream of Trout River) #4-031-105859-1.	Wet Detention Pond	Completed	2012	14	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042g	COJ MS4 FLS000012	Upper Deer Creek Phase 3 (LSJR upstream of Trout River); wet detention pond with MAPS #40-031-17913-5.	Wet Detention Pond	Completed	2011	211	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042h	COJ MS4 FLS000012	Newton Drainage main trunk line improvement (Myrtle and Beaver) (LSJR upstream of Trout River) – Changed from wet detention to flood control only.	Other	Canceled	N/A	N/A	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042i	COJ MS4 FLS000012	Air Liquide Pond Retrofit (LSJR upstream of Trout River) Compensatory Treatment #40-031-125423-1.	Wet Detention Pond	Underway	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042j	COJ MS4 FLS000012	Durkeeville West Pond Expansion (LSJR upstream Trout River).	Wet Detention Pond	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042k	COJ MS4 FLS000012	Lower Eastside Phase III Drainage Improvements (LSJR upstream Trout River).	Wet Detention Pond	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Naval Air Station (NAS) Jacksonville	COJ-042l	COJ MS4 FLS000012	NAS Jacksonville Reuse Partnering Project (LSJR upstream Trout River).	Stormwater Reuse	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A

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COJ/ FDOT MS4	Not provided	COJ-042m	COJ MS4 FLS000012	Kennedy Center LID Project (LSJR upstream Trout River).	Stormwater Reuse	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-042n	COJ MS4 FLS000012	Melba/Green Street (LSJR upstream Trout River) #40-031-115242-1.	Wet Detention Pond	Completed	2013	484	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-043	COJ MS4 FLS000012	Ortega River.	Wet Detention Pond	Planned	12/31/2023	10,120	N/A	Marine	7,169	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-043a	COJ MS4 FLS000012	Hugh Edwards Rd. Drainage (Ortega River Basin) – Changed from wet detention 2010 to erosion control only 2011 #40-031-96682-2.	Other	Canceled	N/A	N/A	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-043b	COJ MS4 FLS000012	Venetia Terrace Drainage (Ortega River Basin) – Changed from wet detention to flood control only #40-031-112908-1.	Other	Canceled	N/A	N/A	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-043c	COJ MS4 FLS000012	Pinedale Area (Ortega River Basin).	Wet Detention Pond	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-043d	COJ MS4 FLS000012	Country Creek area drainage improvements (Ortega River Basin).	Other	Completed	2015	0	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	SJRWMD	COJ-043e	COJ MS4 FLS000012	Crystal Springs area drainage (Ortega River).	Wet Detention Pond	Completed	Dec-17	741	246	Marine	228	\$3,859,944	\$500	State and Tribal Assistance Grants (STAG)/ SJRWMD	STAG – \$944,300 SJRWMD – \$986,040	Contract #28469
COJ/ FDOT MS4	SJRWMD	COJ-043f	COJ MS4 FLS000012	Noroad/Lambing drainage (Ortega).	Wet Detention Pond	Completed	Dec-17	36	20	Marine	20	\$1,122,660	\$500	SJRWMD	SJRWMD – \$374,220	Contract #28729
COJ/ FDOT MS4	Not provided	COJ-043g	COJ MS4 FLS000012	Old Plank Rd. outfall.	Wet Detention Pond	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-044	COJ MS4 FLS000012	Arlington River.	Wet Detention Pond	Planned	12/31/2023	5,500	N/A	Marine	3,352	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-044a	COJ MS4 FLS000012	Woodland Acres/Oakwood Villa Area Drainage Phase I (Arlington River).	Wet Detention Pond	Completed	2010	18	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-044b	COJ MS4 FLS000012	Valens Dr. LID project (Arlington River).	Stormwater Reuse	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A

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COJ/ FDOT MS4	Not provided	COJ-044c	COJ MS4 FLS000012	Wurn Park LID project.	Stormwater Reuse	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-045	COJ MS4 FLS000012	LSJR downstream of Trout River.	Wet Detention Pond	Planned	12/31/2023	440	N/A	Marine	514	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-046	COJ MS4 FLS000012	Intracoastal Waterway.	Wet Detention Pond	Planned	12/31/2023	10,120	N/A	Marine	7,646	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-047	COJ MS4 FLS000012	Julington Creek.	Wet Detention Pond	Planned	12/31/2023	5,720	N/A	Marine	4,404	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-048	COJ MS4 FLS000012	Trout River.	Wet Detention Pond	Planned	12/31/2023	4,620	N/A	Marine	5,329	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-048a	COJ MS4 FLS000012	Messer area drainage (Trout River).	Wet Detention Pond	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-048b	COJ MS4 FLS000012	Bunche Dr. Pond (Trout River).	Wet Detention Pond	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-048c	COJ MS4 FLS000012	Riverview Drainage Improvements Phase I (Trout River) #40-031-97111-1.	Wet Detention Pond	Completed	2013	103	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-048d	COJ MS4 FLS000012	Leonid Rd. (Lower Trout River).	Wet Detention Pond	Completed	2015	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-049	COJ MS4 FLS000012	Broward River.	Wet Detention Pond	Planned	12/31/2023	1,540	N/A	Marine	837	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-050	COJ MS4 FLS000012	Dunn Creek.	Wet Detention Pond	Planned	12/31/2023	1,320	N/A	Marine	1,300	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-051	COJ MS4 FLS000012	Public education activities.	Public Education Efforts	Completed	N/A	28,921	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-052	COJ MS4 FLS000012	Septic tank phase out projects ¹ .	Septic Tank	Completed	12/31/2023	227,962	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-052a	COJ MS4 FLS000012	Oakwood Villas.	Septic Tank Phase Out	Completed	2012	2,739	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-052b	COJ MS4 FLS000012	Lake Forest.	Septic Tank Phase Out	Completed	2012	1,667	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-052c	COJ MS4 FLS000012	Scott Mill.	Septic Tank Phase Out	Completed	2012	2,565	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-052d	COJ MS4 FLS000012	Murray Hill B.	Septic Tank Phase Out	Completed	2012	10,781	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-052e	COJ MS4 FLS000012	Pernecia.	Septic Tank Phase Out	Completed	2012	2,779	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-052f	COJ MS4 FLS000012	Glynlea.	Septic Tank Phase Out	Completed	2012	2,853	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Seminole Electric	COJ-053	COJ MS4 FLS000012	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	15,237	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-054	COJ MS4 FLS000012	FDOT urban office reconstruction.	Dry Detention Pond	Completed	Prior to 2008	20	N/A	Marine	7	Not provided	Not provided	Legislature	N/A	N/A

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COJ/ FDOT MS4	Not provided	COJ-055	COJ MS4 FLS000012	FDOT Fort George Inlet Bridge.	Wet Detention Pond	Completed	Prior to 2008	13	N/A	Marine	18	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-056	COJ MS4 FLS000012	FDOT widening of Riverside area.	Wet Detention Pond	Completed	Prior to 2008	11	N/A	Marine	14	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-057	COJ MS4 FLS000012	FDOT widening of Merrill Rd. between Wompi Dr. and Milcoe Rd.	Wet Detention Pond	Completed	Prior to 2008	46	N/A	Marine	58	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-058	COJ MS4 FLS000012	FDOT widening of Merrill Rd. between 9A and Wompi Dr.	Wet Detention Pond	Completed	Prior to 2008	55	N/A	Marine	69	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-059	COJ MS4 FLS000012	FDOT widening of SR 13 to 6-lane divided highway.	Wet Detention Pond	Completed	Prior to 2008	139	N/A	Marine	174	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-060	COJ MS4 FLS000012	FDOT Beach Blvd. widening from Intracoastal Waterway to east of Penman.	Wet Detention Pond	Completed	Prior to 2008	20	N/A	Marine	25	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-061	COJ MS4 FLS000012	FDOT I-295 and SR 21 (Blanding) interchange upgrade.	Wet Detention Pond	Completed	Prior to 2008	33	N/A	Marine	42	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-062	COJ MS4 FLS000012	FDOT I-295 and SR 17 interchange expansion.	Wet Detention Pond	Completed	Prior to 2008	77	N/A	Marine	96	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-063	COJ MS4 FLS000012	FDOT JTB/Belfort Rd. interchange.	Wet Detention Pond	Completed	Prior to 2008	123	N/A	Marine	155	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-064	COJ MS4 FLS000012	FDOT Pine Ave. sidewalk.	Dry Detention Pond	Completed	Prior to 2008	20	N/A	Marine	7	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-065	COJ MS4 FLS000012	FDOT 9A from Baymeadows Rd. to I-95.	Wet Detention Pond	Completed	Prior to 2008	440	N/A	Marine	550	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-066	COJ MS4 FLS000012	FDOT widening of I-95 from St. Johns County line to 9A/I-295.	Wet Detention Pond	Completed	Prior to 2008	141	N/A	Marine	175	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-067	COJ MS4 FLS000012	FDOT widening of I-95 from I-295 to south of J. Turner Butler Blvd. (JTB).	Wet Detention Pond	Completed	Prior to 2008	352	N/A	Marine	441	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-068	COJ MS4 FLS000012	FDOT widening of SR 10 (Atlantic Blvd. from St. Johns Bluff to San Pablo).	Wet Detention Pond	Completed	Prior to 2008	873	N/A	Marine	1,096	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-069	COJ MS4 FLS000012	FDOT widening of Southside Blvd.	Dry Detention Pond	Completed	Prior to 2008	117	N/A	Marine	146	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-070	COJ MS4 FLS000012	FDOT new JTB/9A interchange.	Dry Detention Pond	Completed	Prior to 2008	972	N/A	Marine	339	Not provided	Not provided	Legislature	N/A	N/A

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COJ/ FDOT MS4	Not provided	COJ-071	COJ MS4 FLS000012	FDOT Southside (SR 115) Frontage Rd.	Wet Detention Pond	Completed	Prior to 2008	7	N/A	Marine	8	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-072	COJ MS4 FLS000012	FDOT I-95 from I-295 to Nassau County line south project.	Wet Detention Pond	Completed	Prior to 2008	231	N/A	Marine	291	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-073	COJ MS4 FLS000012	FDOT I-95 south of Clarke Rd. to I-295.	Wet Detention Pond	Completed	Prior to 2008	75	N/A	Marine	94	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-074	COJ MS4 FLS000012	FDOT 9A south project.	Wet Detention Pond	Completed	Prior to 2008	141	N/A	Marine	176	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-075	COJ MS4 FLS000012	FDOT 9A from south of Atlantic to Beach Blvd.	Wet Detention Pond	Completed	Prior to 2008	99	N/A	Marine	124	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-076	COJ MS4 FLS000012	FDOT I-295/I-95/9A interchange.	Wet Detention Pond	Completed	Prior to 2008	440	N/A	Marine	580	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-077	COJ MS4 FLS000012	FDOT Branan Field Chafee roadway project.	Wet Detention Pond	Completed	Prior to 2008	253	N/A	Marine	187	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-078	COJ MS4 FLS000012	FDOT Wonderwood Connector Segment 1 from Girvin to Sandcastle.	Wet Detention Pond	Completed	Prior to 2008	42	N/A	Marine	70	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-079	COJ MS4 FLS000012	FDOT Jacksonville International Airport (JIA) south access connector project.	Dry Detention Pond	Completed	Prior to 2008	180	N/A	Marine	63	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-080	COJ MS4 FLS000012	FDOT I-95 widening from Lem Turner to I-295.	Wet Detention Pond	Completed	Prior to 2008	92	N/A	Marine	117	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-081	COJ MS4 FLS000012	FDOT 4-laning of SR 13.	Wet Detention Pond	Completed	Prior to 2008	84	N/A	Marine	105	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-082	COJ MS4 FLS000012	FDOT SR 21 widening from south of Cedar River to east of Cassat.	Wet Detention Pond	Completed	Prior to 2008	15	N/A	Marine	19	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-083	COJ MS4 FLS000012	FDOT Arlington Expressway project.	Wet Detention Pond	Completed	Prior to 2008	22	N/A	Marine	27	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-084	COJ MS4 FLS000012	FDOT Merrill Rd./Southside Blvd. interchange project.	Wet Detention Pond	Completed	Prior to 2008	11	N/A	Marine	15	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-085	COJ MS4 FLS000012	FDOT Baymeadows from east of US Hwy. 1 to SR 13.	Wet Detention Pond	Completed	Prior to 2008	20	N/A	Marine	35	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-086	COJ MS4 FLS000012	FDOT SR 115/8th St. project.	Wet Detention Pond	Completed	Prior to 2008	24	N/A	Marine	31	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-087	COJ MS4 FLS000012	FDOT SR 115/8th St. project.	Wet Detention Pond	Completed	Prior to 2008	2	N/A	Marine	4	Not provided	Not provided	Legislature	N/A	N/A

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COJ/ FDOT MS4	Not provided	COJ-088	COJ MS4 FLS000012	FDOT JTB from I-95 to Gate Parkway.	Wet Detention Pond	Completed	Prior to 2008	46	N/A	Marine	58	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-089	COJ MS4 FLS000012	FDOT I-295 from west of Duval to Biscayne Blvd.	Wet Detention Pond	Completed	Prior to 2008	15	N/A	Marine	20	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-090	COJ MS4 FLS000012	FDOT Beaver St. (US Hwy. 90) from Stockton to Tyler.	Wet Detention Pond	Completed	Prior to 2008	7	N/A	Marine	7	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-091	COJ MS4 FLS000012	FDOT 9A from Baymeadows to JTB.	Wet Detention Pond	Completed	Prior to 2008	156	N/A	Marine	195	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-092	COJ MS4 FLS000012	FDOT JTB/A1A interchange.	Wet Detention Pond	Completed	Prior to 2008	7	N/A	Marine	20	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-093	COJ MS4 FLS000012	FDOT Southside Blvd./I-95 vonconnector	Dry Detention Pond	Completed	Prior to 2008	218	N/A	Marine	76	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-094	COJ MS4 FLS000012	FDOT Beach Blvd. from west of Florida Community College at Jacksonville (FCCJ) to east of San Pablo.	Wet Detention Pond	Completed	4/31/2008	132	N/A	Marine	165	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-095	COJ MS4 FLS000012	FDOT widening of SR 13.	Dry Detention Pond	Completed	Prior to 2008	180	N/A	Marine	227	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-096	COJ MS4 FLS000012	FDOT Branan Field Chafee roadway project (Argyle Forest to 103rd).	Wet Detention Pond	Completed	Prior to 2008	88	N/A	Marine	112	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-097	COJ MS4 FLS000012	FDOT Branan Field Chafee roadway project (103rd to I-10).	Wet Detention Pond	Completed	Prior to 2008	121	N/A	Marine	150	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-098	COJ MS4 FLS000012	FDOT Southside (SR 115) and Beach Blvd. (SR 202) interchange and road widening.	Wet Detention Pond	Completed	Prior to 2008	26	N/A	Marine	33	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-099	COJ MS4 FLS000012	FDOT Wonderwood Connector Segment 2.	Wet Detention Pond	Completed	Prior to 2008	46	N/A	Marine	58	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-100	COJ MS4 FLS000012	FDOT JTB/Kernan project.	Wet Detention Pond	Completed	Prior to 2008	53	N/A	Marine	65	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-101	COJ MS4 FLS000012	FDOT I-95 from JTB to Emerson.	Dry Detention Pond	Completed	Prior to 2008	301	N/A	Marine	105	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-102	COJ MS4 FLS000012	FDOT Heckscher Dr./9A interchange-1 dry retention system (DRS).	Dry Detention Pond	Completed	Prior to 2008	196	N/A	Marine	103	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-103	COJ MS4 FLS000012	FDOT Heckscher Dr./9A interchange-2	Wet Detention Pond	Completed	Prior to 2008	55	N/A	Marine	68	Not provided	Not provided	Legislature	N/A	N/A

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				wet detention system (WDS).												
COJ/ FDOT MS4	Not provided	COJ-104	COJ MS4 FLS000012	FDOT Wonderwood Segment 3.	Wet Detention Pond	Completed	Prior to 2008	55	N/A	Marine	69	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-105	COJ MS4 FLS000012	FDOT Collins Rd. collector distributor.	Wet Detention Pond	Completed	Prior to 2008	112	N/A	Marine	142	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-106	COJ MS4 FLS000012	FDOT JTB/I-95 Ramp (40-031-18233-6).	Wet Detention Pond	Completed	Prior to 2008	44	N/A	Marine	54	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-107	COJ MS4 FLS000012	FDOT SR 5/US Hwy. 1 (209516-3-52-01).	Wet Detention Pond	Completed	Prior to 2008	22	N/A	Marine	27	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-108	COJ MS4 FLS000012	FDOT widening of SR 207.	Wet Detention Pond	Completed	Prior to 2008	15	N/A	Marine	12	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-109	COJ MS4 FLS000012	Lateral only connection (LOC) septic tank phase out of projects.	Wet Detention Pond	Completed	Prior to 2008	143	N/A	Marine	106	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-110	COJ MS4 FLS000012	FDOT widening of SR 207 from SR 15 (US Hwy. 17) to CR 207	Wet Detention Pond	Completed	Prior to 2008	726	N/A	Marine	538	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-111	COJ MS4 FLS000012	FDOT widening of I-95 from Flagler County line to SR 16.	Wet Detention Pond	Completed	Prior to 2008	561	N/A	Marine	800	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-112	COJ MS4 FLS000012	FDOT I-95 rest area reconstruction.	Wet Detention Pond	Completed	Prior to 2008	37	N/A	Marine	52	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-113	COJ MS4 FLS000012	FDOT widening of I-95 from World Golf Village to Duval County line.	Wet Detention Pond	Completed	Prior to 2008	521	N/A	Marine	537	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-114	COJ MS4 FLS000012	FDOT widening of SR 16.	Wet Detention Pond	Completed	Prior to 2008	48	N/A	Marine	68	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-115	COJ MS4 FLS000012	FDOT SR 207 from I-95 to SR 312.	Wet Detention Pond	Completed	Prior to 2008	73	N/A	Marine	102	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-116	COJ MS4 FLS000012	FDOT SR 207 from SR 312 to US Hwy. 1.	Wet Detention Pond	Completed	Prior to 2008	376	N/A	Marine	536	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-117	COJ MS4 FLS000012	FDOT stormwater education efforts in St. Johns County.	Public Education Efforts	Completed	N/A	629	N/A	Marine	N/A	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-118	COJ MS4 FLS000012	FDOT education efforts in COJ.	Public Education Efforts	Completed	N/A	3,214	N/A	Marine	N/A	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Seminole Electric	COJ-119	COJ MS4 FLS000012	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	1,692	N/A	Marine	N/A	Not provided	Not provided	Not provided	N/A	N/A

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COJ/ FDOT MS4	Not provided	COJ-120	COJ MS4 FLS000012	FDOT future projects and/or trade (fertilizer cessation).	Fertilizer Cessation	Completed	N/A	40,663	N/A	Marine	N/A	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-121	COJ MS4 FLS000012	Street sweeping.	Street Sweeping	Completed	N/A	5,553	N/A	Marine	N/A	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-122	COJ MS4 FLS000012	Future projects and/or trades.	Unknown/ Unsure	Planned	6/30/2023	181,331	N/A	Marine	N/A	Not provided	Not provided	Legislature	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-122a	COJ MS4 FLS000012	Environmental Protection Board (EPB) Rule 3 – Lift station maintenance and sanitary sewer overflow (SSO) reduction.	Sanitary Sewer Inspections	Completed	N/A	5,355	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
COJ/ FDOT MS4	FDOT	COJ-122b	COJ MS4 FLS000012	FDOT water quality credit agreement.	Other	Completed	2015	23,254	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	JEA	COJ-122c	COJ MS4 FLS000012	JEA water quality credit agreement.	Other	Completed	2015	66,748	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
COJ/ FDOT MS4	Not provided	COJ-123	COJ MS4 FLS000012	LOC septic tank phase out projects.	Septic Tank Phase Out	Planned	7/31/2015	3,652	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-124	COJ MS4 FLS000012	Better Jacksonville Plan septic tank phase out projects.	Septic Tank Phase Out	Planned	Not provided	6,459	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	Not provided	COJ-125	COJ MS4 FLS000012	Lasalle Pump Station.	Baffle Boxes – 2nd Generation	Planned	Not provided	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
COJ/ FDOT MS4	N/A	COJ-126	COJ MS4 FLS000012	Overland Bridge replacement	STAs	Underway	August 2018	92	N/A	Marine	115.5	\$165,000,000	Not available	Legislature	\$165,000,000	Not provided
COJ/ FDOT MS4	N/A	COJ-127	COJ MS4 FLS000012	SR 23 First Coast Expressway (Sr 21 to North of Argyle Forest Blvd.) north of Argyle to I-10).	STAs	Underway	August 2018	888	N/A	Marine	1,114	\$85,700,000	Not available	Legislature	\$85,700,000	N/A
COJ/ FDOT MS4	N/A	COJ-128	COJ MS4 FLS000012	I-295 widening to Commonwealth.	STAs	Completed	N/A	63	N/A	Marine	78.90	Not Available	Not available	Legislature	Not Available	N/A
COJ/ FDOT MS4	N/A	COJ-129	COJ MS4 FLS000012	I-95 and JTB Interchange.	STAs	Completed	N/A	104	N/A	Marine	130.24	\$66,990,000	Not available	Legislature	\$66,990,000	N/A
COJ/ FDOT MS4	N/A	COJ-130	COJ MS4 FLS000012	I-295 managed lane.	STAs	Underway	August 2018	205	N/A	Marine	257	\$89,780,000	Not available	Legislature	\$89,780,000	N/A
COJ/ FDOT MS4	N/A	COJ-131	COJ MS4 FLS000012	SR 243 Mainline International Airport Blvd.	STAs	Completed	N/A	57	N/A	Marine	71.32	Not Available	Not available	Legislature	Not Available	N/A
COJ/ FDOT MS4	N/A	COJ-132	COJ MS4 FLS000012	CR 210 amd US 1 improvement.	STAs	Completed	N/A	47	N/A	Marine	58.42	Not Available	Not available	Legislature	Not Available	N/A
COJ/ FDOT MS4	N/A	COJ-133	COJ MS4 FLS000012	9A Express Lane.	STAs	Underway	April 2019	339	N/A	Marine	425	\$141,720,000	Not available	Legislature	\$141,720,000	N/A
COJ/ FDOT MS4	N/A	COJ-134	COJ MS4 FLS000012	North Interchange (I-295 and I-95).	STAs	Underway	December 2020	301	N/A	Marine	378.04	\$176,900,000	Not available	Legislature	\$176,900,000	N/A

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COJ/ FDOT MS4	N/A	COJ-135	COJ MS4 FLS000012	I-295 and Wilson.	STAs	Completed	N/A	37	N/A	Marine	12.86	Not Available	Not available	Legislature	Not Available	N/A
COJ/ FDOT MS4	N/A	COJ-136	COJ MS4 FLS000012	9B and US Hwy. 1 Interchange.	STAs	Completed	N/A	363	N/A	Marine	455	Not Available	Not available	Legislature	Not Available	N/A
COJ/ FDOT MS4	N/A	COJ-137	COJ MS4 FLS000012	Marietta Interchange.	STAs	Completed	N/A	51	N/A	Marine	64.47	Not Available	Not available	Legislature	Not Available	N/A
COJ/ FDOT MS4	N/A	COJ-138	COJ MS4 FLS000012	SR 243 add lanes reconstruction.	STAs	Underway	December 2018	47	N/A	Marine	58.42	\$17,420,000	Not available	Legislature	\$17,420,000	N/A
COJ/ FDOT MS4	N/A	COJ-139	COJ MS4 FLS000012	I-10 drainage improvement at Cassat.	STAs	Completed	N/A	5	N/A	Marine	6	\$6,260,000	Not available	Legislature	\$6,260,000	N/A
COJ/ FDOT MS4	N/A	COJ-140	COJ MS4 FLS000012	I-10/US 301 Interchange.	STAs	Underway	September 2019	120	N/A	Marine	150	\$66,830,000	Not available	Legislature	\$66,830,000	N/A
COJ/ FDOT MS4	N/A	COJ-141	COJ MS4 FLS000012	Baldwin Bypass.	STAs	Underway	April 2020	200	N/A	Marine	251.3	\$60,320,000	Not available	Legislature	\$60,320,000	N/A
COJ/ FDOT MS4	N/A	COJ-142	COJ MS4 FLS000012	SR 9B.	STAs	Completed	N/A	215	N/A	Marine	269.99	Not Available	Not available	Legislature	Not Available	N/A
COJ/ FDOT MS4	N/A	COJ-143	COJ MS4 FLS000012	SR 9B from CR 2209 to C/L @ I-95.	STAs	Underway	May 2018	150	N/A	Marine	188.7	\$78,980,000	Not available	Legislature	\$78,980,000	N/A
COJ/ FDOT MS4	N/A	COJ-145	COJ MS4 FLS000012	I-10 improvement at US Hwy. 90 and SR 23.	STAs	Completed	N/A	141	N/A	Marine	177	\$46,680,000	Not available	Legislature	\$46,680,000	N/A
COJ/ FDOT MS4	N/A	COJ-146	COJ MS4 FLS000012	Prichard/I-295 improvement.	STAs	Completed	N/A	54	N/A	Marine	67.3	Not Available	Not available	Legislature	Not available	N/A
COJ/ FDOT MS4	Not provided	COJ42o	COJ MS4 FLS000012	Hamilton Jersey drainage improvements (LSJR upstream Trout River) – Installed 2 2nd-generation baffle boxes and drainage collection with raised inlets and perforated pipe.	Baffle Boxes – 2nd Generation	Completed	2015	TBD	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
City of Jacksonville Beach WWTF	City of Jacksonville Beach/ CRA/ SJRWMD	JB-01	Jax Bch WWTF FL0020231	Upgrade WWTF to AWT for TN removal.	WWTF Nutrient Reduction	Completed	2012	47,421	N/A	Marine	N/A	\$22,100,000	\$2,327,091	SJRWMD/ CRA/ Water/Sewer Bonds	\$11,000,000/ \$5,600,000 \$600,000 \$4,900,000	N/A
City of Jacksonville Beach MS4	FDOT	JB-02	Jax Bch MS4 FLS000013	FDOT Beach Blvd. widening (Pond 2).	Dry Detention Pond	Completed	2010	31	N/A	Marine	39.0	Not provided	Not provided	Not provided	Not provided	N/A
City of Jacksonville Beach MS4	Seminole Electric	JB-03	Jax Bch MS4 FLS000013	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	343	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
JEA Aggregate	JEA	JEA-01	JEA Julington	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	13,000	N/A	Marine	N/A	\$5,000,000	\$0	Funded by JEA capacity.	\$5,000,000	N/A

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			Creek FL0043591											environmental, or internal funds		
JEA Aggregate	JEA	JEA-02	JEA Arlington East FL0026441	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	204,000	N/A	Marine	N/A	\$17,500,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$17,500,000	N/A
JEA Aggregate	JEA	JEA-03	JEA District II FL0026450	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	308,000	N/A	Marine	N/A	\$12,000,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$12,000,000	N/A
JEA Aggregate	JEA	JEA-04	JEA Southwest FL0026468	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	101,000	N/A	Marine	N/A	\$16,000,000	\$100,000	Funded by JEA capacity, environmental, or internal funds	\$11,153,000	N/A
JEA Aggregate	JEA	JEA-05	JEA Buckman FL0026000	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	111,000	N/A	Marine	N/A	\$18,000,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$18,000,000	N/A
JEA Aggregate	JEA	JEA-06	JEA Monterey FL00230604	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	78,001	N/A	Marine	N/A	\$500,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$500,000	N/A
JEA Aggregate	JEA	JEA-07	JEA Mandarin FL0023493	Complete process improvements.	WWTF Nutrient Reduction	Completed	2007	27,997	N/A	Marine	N/A	\$5,507,000	\$100,000	Funded by JEA capacity, environmental, or internal funds	\$5,507,000	N/A
JEA Aggregate	JEA	JEA-08	JEA San Pablo FL0024767	Complete phase out.	WWTF Nutrient Reduction	Completed	2007	14,001	N/A	Marine	N/A	\$3,426,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$3,426,000	N/A
JEA Aggregate	JEA	JEA-09	JEA Woodmere FL0026786	Complete phase out.	WWTF Nutrient Reduction	Completed	2007	22,000	N/A	Marine	N/A	\$2,801,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$2,801,000	N/A
JEA Aggregate	JEA	JEA-10	JEA Beacon Hills FL0026778	Complete phase out.	WWTF Nutrient Reduction	Completed	2011	12,540	N/A	Marine	N/A	\$2,576,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$2,576,000	N/A
JEA Aggregate	JEA	JEA-11	JEA Royal Lakes FL0026751	Complete phase out.	WWTF Nutrient Reduction	Completed	2014	0	N/A	Marine	N/A	\$9,724,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$9,724,000	N/A
JEA Aggregate	JEA	JEA-12	JEA Jax Heights FL0023671	Complete phase out.	WWTF Nutrient Reduction	Completed	2014	0	N/A	Marine	N/A	\$615,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$615,000	N/A
JEA Aggregate	JEA/SJRWMD	JEA-13	JEA Arlington	Complete process improvements.	WWTF Nutrient Reduction	Completed	2011	259,978	N/A	Marine	N/A	\$24,351,000	\$100,000	Funded by a combination of JEA	\$24,351,000, including	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
			East FL0026441											and State legislative appropriation.	\$3,500,000 from SJRWMD	
JEA Aggregate	JEA	JEA-14	JEA District II FL0026450	Complete process improvements.	WWTF Nutrient Reduction	Completed	2013	87,340	N/A	Marine	N/A	\$1,200,000	\$50,000	Funded by JEA capacity, environmental, or internal funds	\$1,200,000	N/A
JEA Aggregate	JEA	JEA-15	JEA San Jose FL0023663	Complete phase out.	WWTF Nutrient Reduction	Completed	2014	0	N/A	Marine	N/A	\$4,787,000	\$0	Funded by JEA capacity, environmental, or internal funds	\$4,787,000	N/A
JEA Aggregate	JEA	JEA-16	JEA Buckman FL0026000	Complete process improvements.	WWTF Nutrient Reduction	Completed	2013	420,603	N/A	Marine	N/A	\$12,202,000	\$100,000	Funded by JEA capacity, environmental, or internal funds	\$12,202,000	N/A
JEA Aggregate	JEA/ DEP/ SJRWMD/ EPA	JEA-17	JEA Facilities	Reuse expansion (10 mgd) at Arlington East, Mandarin, and District II.	WWTF Diversion to Reuse	Completed	TMDL Obligations Completed/ Expansion of reuse system ongoing	129,998	N/A	Marine	N/A	\$100,000,000	N/A	Funded by combination of JEA, state, and EPA funds	\$100,000,000, including \$1,004,000 from DEP, \$5,446,000 from SJRWMD, and \$439,000 from EPA	N/A
City of Neptune Beach WWTF	Not provided	NB-01	Neptune Beach WWTF FL0020427	Complete process improvements.	WWTF Nutrient Reduction	Completed	2011	16,108	N/A	Marine	N/A	Not provided	Not provided	SJRWMD	\$700,000	N/A
City of Neptune Beach MS4	Seminole Electric	NB-02	Neptune Beach MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	103	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Neptune Beach MS4	Not provided	NB-03	Neptune Beach MS4	Public Education: Website, newsletter, FOG Program, inspection program, pet waste, fertilizer, and irrigation ordinances.	Public Education Efforts	Completed	N/A	73	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Neptune Beach MS4	Not provided	NB-04	Neptune Beach MS4	Annual street sweeping program of streets with curb and gutter (June 1, 2015– May 31, 2016).	Street Sweeping	Completed	N/A	460	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
City of Neptune Beach MS4	N/A	NB-05	Neptune Beach WWTF FL0020427	WWTP package plant modification.	WWTF Nutrient Reduction	Completed	2017	Not provided	Not provided	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Town of Orange Park WWTF	Not provided	OP-01	Ash Street WWTF FL0023922	Phase 1 improvements.	WWTF Upgrade	Completed	2010	35,097	N/A	Marine	N/A	\$8,042,428	Not provided	DEP (\$1M), SJRWMD (\$625,000)	\$1,625,000	Not provided
Town of Orange Park WWTF	Not provided	OP-02	Ash Street WWTF FL0023922	Phase 2 improvements.	WWTF Upgrade	Completed	2011	15,272	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
Town of Orange Park WWTF	Not provided	OP-03	Ash Street WWTF FL0023922	Phase 3 improvements.	WWTF Upgrade	Canceled	2012	N/A	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
Town of Orange Park MS4	Seminole Electric	OP-04	Orange Park MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	227	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
Town of Orange Park WWTF	Keystone (Jax) Vulcan Wash Plant	OP-04	Ash Street WWTF FL0023922	Credit traded to Keystone Vulcan Wash Plant in Jax (point source discharge/not allocated in 2008 BMAP).	WWTF Upgrade	Completed	2017	-660	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-010	SJC Non-MS4	Street sweeping.	Street Sweeping	Canceled	N/A	N/A	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-09	SJC Non-MS4	Purchase of street sweeper.	Street Sweeping	Canceled	N/A	N/A	N/A	Marine	N/A	Not provided	Not provided	Not provided	Not provided	N/A
St. Johns County MS4	Not provided	SJC-11	SJC MS4 FLR04E025	Stormwater education.	Public Education Efforts	Completed	N/A	337	N/A	Marine	N/A	N/A	\$20,000	Not provided	Not provided	N/A
St. Johns County MS4	Not provided	SJC-12	SJC MS4 FLR04E025	LID.	Regulations, Ordinances, and Guidelines	Planned	N/A	TBD	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County MS4	Not provided	SJC-13	SJC MS4 FLR04E025	Slow release fertilizer ordinance.	Regulations, Ordinances, and Guidelines	Completed	2010	TBD	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County MS4	Not provided	SJC-14	SJC MS4 FLR04E025	FDOT widening of SR 312.	Wet Detention Pond	Completed	Prior to 2008	31	N/A	Marine	38	Not provided	Not provided	Legislature	N/A	N/A
St. Johns County MS4	Not provided	SJC-15	SJC MS4 FLR04E025	FDOT A1A stormwater retrofit from Duval County line to Thousand Oaks Lane.	Dry Detention Pond	Completed	Prior to 2008	475	N/A	Marine	98	Not provided	Not provided	Legislature	N/A	N/A
St. Johns County MS4	Not provided	SJC-16	SJC MS4 FLR04E025	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	132	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
St. Johns County MS4	Not provided	SJC-17	SJC MS4 FLR04E025	Algal initiative – Masters Tract RST facility.	Regional Stormwater Treatment	Completed	3/31/2017	4,109	N/A	Marine	1,032	Not provided	Not provided	DEP 319	\$796,007	Not provided
St. Johns County Non-MS4	Not provided	SJC-17	SJC Non-MS4	Algal initiative – Masters Tract RST facility.	Regional Stormwater Treatment	Completed	3/31/2017	609	N/A	Marine	1,032	Not provided	Not provided	SJRWMD	\$2,600,000	N/A
St. Johns County Non-MS4	Not provided	SJC-18	SJC Non-MS4	Greenbriar Rd. paving/ improvements.	Wet Detention Pond	Completed	Prior to 2008	73	N/A	Marine	40	\$500,000	Not provided	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-21	SJC Non-MS4	Stormwater education.	Public Education Efforts	Completed	N/A	1,082	N/A	Marine	N/A	N/A	\$20,000	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-22	SJC Non-MS4	LID.	Regulations, Ordinances, and Guidelines	Planned	N/A	TBD	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-23	SJC Non-MS4	Slow-release fertilizer ordinance.	Regulations, Ordinances, and Guidelines	Completed	2010	TBD	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	FDOT	SJC-24	SJC Non-MS4	FDOT SR 312 from US Hwy. 1 to SR 3.	Wet Detention Pond	Completed	Prior to 2008	185	N/A	Marine	38	Not provided	Not provided	Legislature	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-25	SJC Non-MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	858	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-26	SJC Non-MS4	Algal Initiative – Masters Tract RST facility stormwater harvesting.	Stormwater Reuse	Canceled	N/A	N/A	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-27	SJC Non-MS4	Application of freshwater non-MS4 credits.	Other	Completed	2010	3,060	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-28	SJC Non-MS4	Bishop Estates baffle boxes.	Baffle Boxes – 2nd Generation	Completed	2013	262	N/A	Marine	Not provided	\$97,883	Not provided	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-29	SJC Non-MS4	Deep Creek West RST improvements.	Regional Stormwater Treatment	Completed	2015	4,515	N/A	Marine	1,220	\$1,400,000	\$75,000	SJRWMD	\$500,000	N/A
St. Johns County Non-MS4	Not provided	SJC-30	SJC Non-MS4	Fruit Cove Secret Oaks Pl. baffle box.	Baffle Boxes – 2nd Generation	Canceled	N/A	N/A	N/A	Marine	Not provided	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-31	SJC Non-MS4	Fruit Cove Lemonwood Rd. baffle box.	Baffle Boxes – 2nd Generation	Canceled	N/A	N/A	N/A	Marine	Not provided	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-32	SJC Non-MS4	Fruit Cove Degrove Rd. baffle box.	Baffle Boxes – 2nd Generation	Canceled	N/A	N/A	N/A	Marine	Not provided	N/A	N/A	N/A	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
St. Johns County Non-MS4	Not provided	SJC-33	SJC Non-MS4	CR 13 and Joe Ashton Rd. baffle box.	Baffle Boxes – 2nd Generation	Completed	10/31/2017	165	N/A	Marine	68	Not provided	Not provided	Not provided	Not provided	N/A
St. Johns County Non-MS4	Not provided	SJC-34	SJC Non-MS4	Colee Cove Rd. baffle box.	Baffle Boxes – 2nd Generation	Canceled	N/A	N/A	N/A	Marine	Not provided	N/A	N/A	N/A	N/A	N/A
St. Johns County Non-MS4	Not provided	SJC-35	SJC Non-MS4	CR 13 Culvert Box #8.	Baffle Boxes – 2nd Generation	Completed	2015	150	N/A	Marine	Not provided	Not provided	Not provided	Not provided	Not provided	N/A
Smurfit-Stone Container	N/A	SS-01	Smurfit-Stone	Complete process improvements.	WWTF Nutrient Reduction	Completed	Prior to 2008	157,705	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-02	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2008	N/A	N/A	Marine	67	\$202,016	\$202,016	WestRock CP, LLC	\$202,016	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-03	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2009	N/A	N/A	Marine	67	\$202,016	\$202,016	WestRock CP, LLC	\$202,016	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-04	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2010	N/A	N/A	Marine	67	\$202,016	\$202,016	WestRock CP, LLC	\$202,016	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-05	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2011	N/A	N/A	Marine	67	\$202,016	\$202,016	WestRock CP, LLC	\$202,016	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-06	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2012	N/A	N/A	Marine	67	\$202,016	\$202,016	WestRock CP, LLC	\$202,016	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-07	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2013	N/A	N/A	Marine	67	\$202,016	\$202,016	WestRock CP, LLC	\$202,016	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-08	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2014	N/A	N/A	Marine	67	\$202,016	\$202,016	WestRock CP, LLC	\$202,016	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-09	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2015	N/A	N/A	Marine	67	\$140,080	\$140,080	WestRock CP, LLC	\$140,080	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-10	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2016	N/A	N/A	Marine	67	\$303,209	\$303,209	WestRock CP, LLC	\$303,209	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-11	Smurfit-Stone	Routine WWTF maintenance.	WWTF and Sanitary Sewer Maintenance	Completed	2017	N/A	N/A	Marine	67	\$162,759	\$162,759	WestRock CP, LLC	\$162,759	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-12	Smurfit-Stone	Aeration pond dredging.	Muck Removal/Restoration Dredging	Completed	2010	N/A	N/A	Marine	24.7	\$159,625	\$0	WestRock CP, LLC	\$159,625	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-13	Smurfit-Stone	Aeration pond dredging.	Muck Removal/Restoration Dredging	Completed	2011	N/A	N/A	Marine	27.4	\$229,248	\$0	WestRock CP, LLC	\$229,248	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Smurfit-Stone Container	WestRock CP, LLC	SS-14	Smurfit-Stone	Aeration pond dredging.	Muck Removal/Restoration Dredging	Completed	2013	N/A	N/A	Marine	17.3	\$225,250	\$0	WestRock CP, LLC	\$225,250	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-15	Smurfit-Stone	Aeration pond dredging.	Muck Removal/Restoration Dredging	Completed	2014	N/A	N/A	Marine	18.5	\$259,785	\$0	WestRock CP, LLC	\$259,785	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-16	Smurfit-Stone	Aeration pond dredging.	Muck Removal/Restoration Dredging	Completed	2016	N/A	N/A	Marine	23.7	\$220,500	\$0	WestRock CP, LLC	\$220,500	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-17	Smurfit-Stone	Sludge drying bed clean out.	BMP Clean Out	Completed	2009	N/A	N/A	Marine	8.7	\$132,411	\$0	WestRock CP, LLC	\$132,411	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-18	Smurfit-Stone	Sludge drying bed clean out.	BMP Clean Out	Completed	2012	N/A	N/A	Marine	8.7	\$87,783	\$0	WestRock CP, LLC	\$87,783	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-19	Smurfit-Stone	Sludge drying bed clean out.	BMP Clean Out	Completed	2014	N/A	N/A	Marine	8.7	\$109,318	\$0	WestRock CP, LLC	\$109,318	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-20	Smurfit-Stone	Sludge drying bed clean out.	BMP Clean Out	Completed	2015	N/A	N/A	Marine	8.7	\$47,105	\$0	WestRock CP, LLC	\$47,105	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-21	Smurfit-Stone	Sludge drying bed clean out.	BMP Clean Out	Completed	2017	N/A	N/A	Marine	8.7	\$99,596	\$0	WestRock CP, LLC	\$99,596	N/A
Smurfit-Stone Container	WestRock CP, LLC	SS-22	Smurfit-Stone	Reroute sanitary wastes from onsite treatment to JEA.	OSTDS Enhancement	Planned	Nov-18	3,349	670	Marine	N/A	\$52,000	\$125,808	WestRock CP, LLC	\$52,000	N/A
U.S. Navy (USN) Aggregate	Not provided	USN-01	NAS Jacksonville WWTF FL0000957	Reuse to Timuquana Country Club.	Stormwater Reuse	Completed	Prior to 2008	16,925	N/A	Marine	N/A	\$500,000	Not provided	Not provided	Not provided	N/A
U.S. Navy Aggregate	Not provided	USN-02	NAS Jacksonville WWTF FL0000957	Expand reuse system.	Stormwater Reuse	Completed	9/18/2015	6,138	N/A	Marine	N/A	\$3,000,000	Not provided	Not provided	Not provided	N/A
U.S. Navy Aggregate	Not provided	USN-03	NAS Jacksonville WWTF FL0000957	I&I repair projects.	WWTF Upgrade	Completed	Prior to 2008	6,138	N/A	Marine	N/A	\$2,100,000	Not provided	Not provided	Not provided	N/A
U.S. Navy Aggregate	Not provided	USN-04	NS Mayport WWTF FL0000922	I&I repair projects.	WWTF Upgrade	Completed	Prior to 2008	12,657	N/A	Marine	N/A	\$2,500,000	Not provided	Not provided	Not provided	N/A
U.S. Navy Aggregate	Not provided	USN-05	NS Mayport WWTF FL0000922	Modifications to Mayport WWTF.	WWTF Upgrade	Planned	11/1/2020	24,901	N/A	Marine	N/A	TBD	Not provided	Not provided	Not provided	N/A
U.S. Navy MS4s	Seminole Electric	USN-06	USN MS4	Atmospheric deposition load reduction – Seminole Electric SCR upgrade.	Atmospheric Deposition Reduction	Completed	2010	656	N/A	Marine	N/A	N/A	N/A	N/A	N/A	N/A

Orange Creek BMAP

Background

The Orange Creek Basin covers an area of 501 square miles. Located largely in Alachua County, it includes the Paynes Prairie (including Alachua Sink, Tumblin Creek Sweetwater Branch, and Lake Wauberg), Orange Lake, Newnans Lake, Lochloosa Lake, Hogtown Creek, and Orange Creek watersheds (**Figure C-8**).

DEP identified Orange Lake, Lochloosa Lake, Newnans Lake, and Lake Wauberg as impaired for TP. Alachua Sink and Lochloosa Lake, Newnans Lake, and Lake Wauberg are impaired for TN. DEP adopted TP TMDLs for Orange Lake, Newnans Lake, and Lake Wauberg in 2003. The Alachua Sink TN TMDL was adopted in 2006 and the Lochloosa Lake TN TMDL in 2017. The Phase 1 Orange Creek BMAP was adopted in May 2008, and the Phase 2 BMAP was adopted in 2014. A Supplemental Orange Creek Basin Report that includes allocations for the lakes is proposed for adoption in 2018 to continue the implementation of the TP and TN TMDLs.

DEP identified fecal coliform impairments for Hogtown Creek, Sweetwater Branch, and Tumblin Creek and adopted fecal coliform TMDLs in 2003.

Status of Projects

Through December 31, 2017, 199 projects were completed. An additional 5 projects that are underway or planned were added to the BMAP. Allocations are currently being developed for the Orange Creek BMAP, and nutrient reductions associated with projects will be calculated to align with the allocation methodology. Once this is complete, future reports will contain information about TN and TP reductions in the Orange Creek BMAP for each impaired waterbody. The Orange Creek BMAP included projects that address fecal coliform TMDLs for urban streams. For 2008-2014, a monitoring, evaluation, and remediation protocol adopted for fecal coliform bacteria has resulted in an 59 %, 9 %, and 25% reduction in the rate of exceedance of fecal coliform standards for Hogtown Creek, Sweetwater Branch, and Tumblin Creek when compared to their exceedance rates at the time of TMDL adoption.

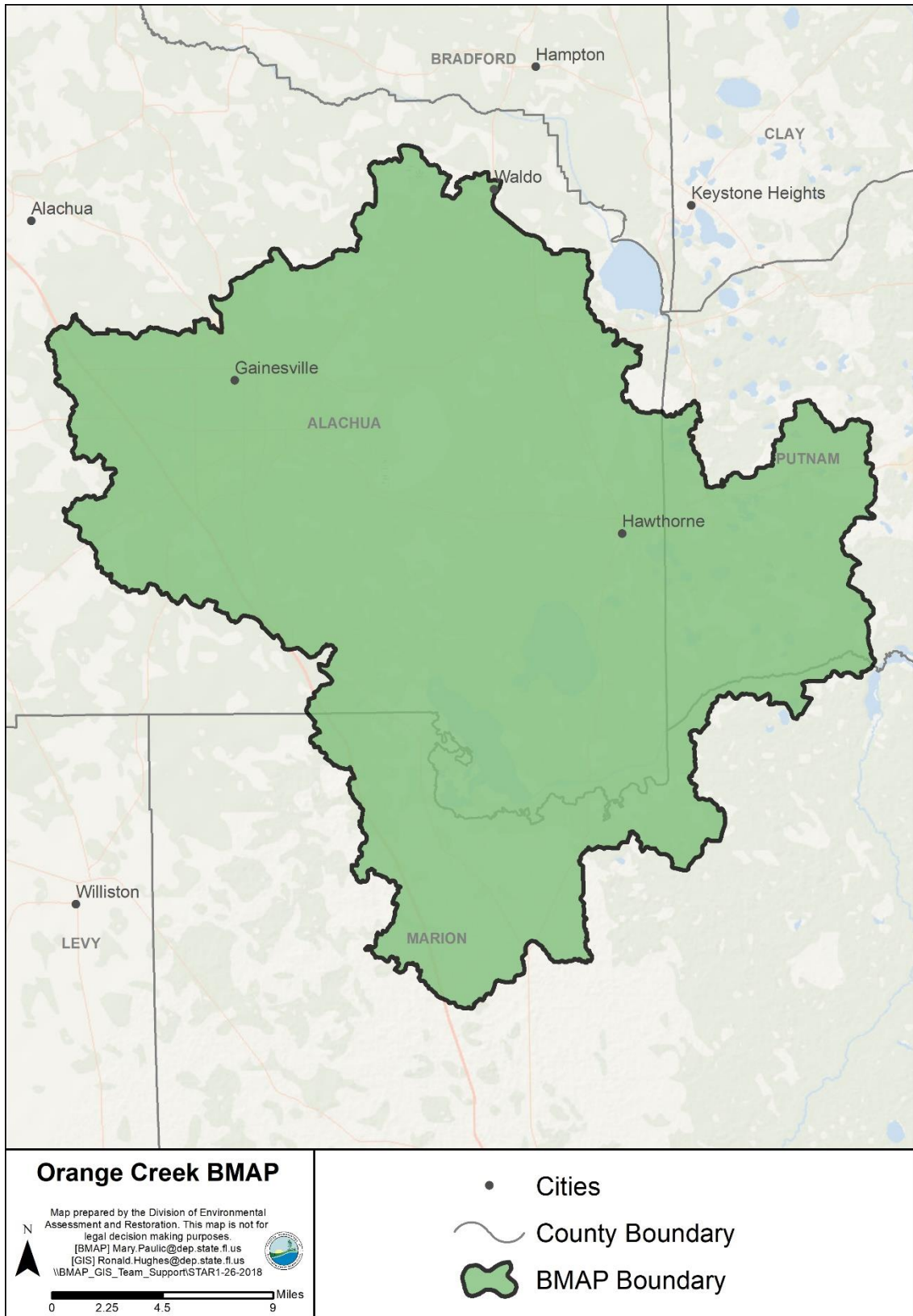


Figure C-18. Orange Creek BMAP area

Table C-8. Orange Creek BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	City of Gainesville/ FDOT District 2/ SJRWMD	ALACHUA02 -LOCH	Water Quality Protection Public Education and Outreach	Alachua County Lochloosa Lake Basin. Public education to promote stormwater nutrient (nitrogen and phosphorus) reduction to protect groundwater and surface water resources. Benefits: Reduce pollutant concentrations in stormwater runoff; public education effort to demonstrate importance of preventing nonpoint source pollution; implement Alachua County Comp Plan Conservation and Open Space Element – Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – 406.43 Water Resources Buffers; ULDC 407.56 Requirements for Stormwater Management Areas used as Open Space; ULDC Article 9 Stormwater Management.	Education Efforts	Completed	N/A	290	39	Lochloosa Lake Basin – Alachua County	N/A	N/A	\$13,333	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2), SJRWMD	Not provided	N/A
ACEPD	City of Gainesville/ FDOT District 2/ SJRWMD	ALACHUA02 -NEW	Water Quality Protection Public Education and Outreach	Alachua County Lochloosa Lake Basin. Public education to promote stormwater nutrient (nitrogen and phosphorus) reduction to protect groundwater and surface water resources. Benefits: Reduce pollutant concentrations in stormwater runoff; public education effort to demonstrate importance of preventing nonpoint source pollution; implement Alachua County Comp Plan Conservation and Open Space Element –	Education Efforts	Completed	N/A	296	33	Newnans Lake Basin – Alachua County	N/A	N/A	\$13,333	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2), SJRWMD	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – 406.43 Water Resources Buffers; ULDC 407.56 Requirements for Stormwater Management Areas used as Open Space; ULDC Article 9 Stormwater Management.												
ACEPD	City of Gainesville/ FDOT District 2/ SJRWMD	ALACHUA02 -ORANGE	Water Quality Protection Public Education and Outreach	Alachua County Lochloosa Lake Basin. Public education to promote stormwater nutrient (nitrogen and phosphorus) reduction to protect groundwater and surface water resources. Benefits: Reduce pollutant concentrations in stormwater runoff; public education effort to demonstrate importance of preventing nonpoint source pollution; implement Alachua County Comp Plan Conservation and Open Space Element – Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – 406.43 Water Resources Buffers; ULDC 407.56 Requirements for Stormwater Management Areas used as Open Space; ULDC Article 9 Stormwater Management.	Education Efforts	Completed	N/A	Not provided	4	Orange Lake Basin – Alachua County	N/A	N/A	\$13,333	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2), SJRWMD	Not provided	N/A
ACEPD	City of Gainesville/ FDOT District 2	ALACHUA07	Water Conservation and LID	Alachua County. Conduct targeted public outreach to encourage water conservation and rain harvesting. Includes rain barrel sales and LID promotion. By harvesting rainwater and keeping	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	N/A	Not provided	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				stormwater onsite, stormwater and pollutants it transports are decreased.												
ACEPD	City of Gainesville/ FDOT District 3	ALACHUA08	Water Quality Protection and Public Education and Outreach	Gainesville urban area and Alachua County. Public education to promote stormwater nutrient (nitrogen and phosphorus) reduction to protect groundwater and surface water resources. Reduce pollutant concentrations in stormwater runoff; public education effort to demonstrate importance of preventing nonpoint source pollution; implement Alachua County Comp Plan Conservation and Open Space Element – Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – Article 9 Stormwater Management.	Education Efforts	Completed	2017	N/A	N/A	Orange Creek Basin – Alachua County	N/A	N/A	\$10,000	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	Not provided	N/A
ACEPD	City of Gainesville/ FDOT District 2/ SJRWMD	ALACHUA09	Landscaping Behavior Change Social Marketing	Gainesville urban area and Alachua County. Implement social marketing campaign designed to get citizens to make landscaping behavior changes that reduce nutrients in stormwater. Reduces nutrients sources in all watersheds. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6. Behavior changes to reduce nutrient inputs to stormwater; implement Alachua County Comp Plan Conservation and Open Space Element –	Education Efforts	Underway	2019	Not provided	Not provided	Orange Creek Basin – Alachua County	N/A	\$600,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2), SJRWMD	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC, Chapter 407 Article 4 Landscaping – 406.43 Water Resources Buffers; Article 9 Stormwater Management.												
ACEPD	City of Gainesville/ FDOT District 2	ALACHUA10	Neighborhood Stormwater Fertilizer Study	Gainesville urban area. Monitor and assess stormwater water quality in selected neighborhoods and evaluate impacts to water quality in Gainesville urban creeks. Provide data for determining how fertilization practices in residential neighborhoods affect water quality. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.	Study	Completed	2015	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$24,600	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$24,600	N/A
ACEPD	City of Gainesville/ FDOT District 3	ALACHUA11	Stormwater Pond Outfall Study and Phosphorus Sediment Evaluation	Gainesville urban area. Monitor and assess water quality in various stormwater basins and evaluate stormwater basin and stream sediments to understand if they are sinks or sources of phosphorus. Provide data for determining how stormwater basins (water and sediments) and stream sediment phosphorus affect water quality. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.	Study	Completed	2015	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$30,800	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$30,800	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	City of Gainesville/ FDOT District 4	ALACHUA12	Quantifying Nutrient Improvement in Street Sweepings	Gainesville urban area and Alachua County. Monitor and assess street sweepings to quantify nutrient reductions and subsequent potential water quality improvements. Provide data to quantify nutrients in street sweepings and assess potential for water quality improvement. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.	Study	Completed	2016	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$38,940	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$38,940	N/A
ACEPD	City of Gainesville/ FDOT District 5	ALACHUA13	Surface Water Nutrient Loading Assessment	Gainesville urban area. Evaluate nutrient loading and determine status of urban streams and their receiving waters as it relates to nutrient impairment/ Provide data to assess nutrient impairment of urban streams and their receiving waters. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.	Study	Underway	2018	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$48,800	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$48,800	N/A
ACEPD	City of Gainesville/ FDOT District 6	ALACHUA14	In-Stream Biological Monitoring in 2012–13	Gainesville urban area and Alachua County. Monitor to establish in-stream biological ecosystem health. Conduct SCI and Hester-Dendy sampling and reporting for Gainesville urban area streams. Provide data on in-stream biological health to assess impairment of urban streams and their receiving waters. Implements Alachua County Comprehensive	Monitoring/ Data Collection	Completed	2014	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$55,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$55,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.												
ACEPD	Wildlife Foundation of Florida/ Gainesville Clean Water Partnership	ALACHUA17	Aquifer Model	Alachua County and surrounding counties. Alachua County obtained springs license plate grant to hire contractor to create mobile model designed to teach public about connection between how what we do on land surface and how we use water affects springs, rivers, and aquifer. Staff brings model to events and classrooms to teach water conservation, landscaping BMPs, stormd rains, pet waste, grass clippings, and more.	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$6,000	Not provided	Springs Tag Grant	\$6,000	N/A
ACEPD	N/A	ALACHUA18	Orange Creek Basin Project Development	Newnans Lake. Alachua County contracted with Florida, LLC to assess short- and long-term benefits of removing loose organic sediments from portions of Newnans Lake to restore hard-bottom aquatic habitats and reduce internal nutrient recycling, while protecting archeological resources. Project included assessment of options to reduce nutrient loading to Newnans Lake from Little Hatchett Creek. Assessments provided information on feasibility and for projects related to Little Hatchet Creek, cost information for work, and in some cases additional monitoring and feasibility analyses. Implements	Study	Completed	2015	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$7,600	N/A	Alachua County	\$7,600	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.												
ACEPD	DEP/ City of Gainesville/ FDOT District 2	ALACHUA19	Fertilizer Social Marketing Campaign	Implement social marketing campaign designed to reduce fertilizer use and to calculate resultant load reduction. Benefits: Reduces nutrient sources in all watersheds.	Education Efforts	Planned	2021	N/A	N/A	Orange Creek Basin	N/A	\$435,000	N/A	DEP 319 Grant	DEP-\$135,000	Fertilizer Social Marketing Campaign and Load Reduction NF033
ACEPD	Adventure Outpost	ALACHUA20	Inspiring Behavior Change through Experiencing Santa Fe River and Springs	Implement education by coordinating 5 to 6 interactive paddling trips on Santa Fe River with 120 stakeholders to explore actions that affect health of springs and groundwater. Benefits: Reduces nutrient sources in all watersheds.	Education Efforts	Planned	2019	N/A	N/A	Orange Creek Basin	N/A	\$12,600	N/A	Wildlife Foundation of Florida Springs Protection License Plate Grant	\$12,600	N/A
ACEPD	City of Gainesville/ FDOT District 2	ALACHUA21	Interactive Stormwater/ Wastewater Model	Interactive table-top model for teaching children and adults about difference between storm sewers and sanitary sewers. Benefits: Reduces nutrient sources and bacteria sources in all watersheds.	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin	N/A	\$6,500	Not provided	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT, District 2)	\$6,500	N/A
ACEPD	DEP	NEW42	Newnans Lake Improvement Initiative (NLII) Phase II	NLII Phase II project includes construction of permeable reactive weir for Little Hatchet Creek and assessment of Hatchet Creek to locate potential areas for instream nutrient reduction treatment.	Control Structure	Planned	2019	Not provided	Not provided	Orange Creek Basin	Not provided	\$250,000	Not provided	Legislative Funding Administered through DEP Division of Water Restoration Assistance	Not provided	LP01121
ACEPD	City of Gainesville/ FDOT District 2	ALACHUA22	Stream Bioassessment Study Project	Stream Bioassessment Study project includes SCI in-stream biological assessments and Hester-Dendy sampling and analysis to provide ambient monitoring for TMDL and impaired watersheds.	Study	Underway	2019	N/A	N/A	Orange Creek Basin	N/A	\$85,970	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$85,970	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	City of Gainesville/ FDOT District 2	ALCODE01	Alachua County Water Quality Code Implementation	Alachua County. Alachua County Water Quality Code Implementation for Tumblin Creek, Sweetwater Branch, and Hogtown Creek. Public education, outreach, and enforcement. Benefits: Reduction of pollutant concentrations in stormwater runoff. Implementation of Alachua County Code Chapter 77, Water Quality Standards and Management Practices.	Regulations, Ordinances, and Guidelines	Completed	N/A	N/A	N/A	Tumblin Creek, Sweetwater Branch, and Hogtown Creek Basins – Alachua County	N/A	\$17,400	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$17,400	N/A
ACEPD	N/A	AS08	Crevasse	Paynes Prairie. Land acquisition – Crevasse (Prairie Creek by Paynes Prairie. Alachua Conservation Trust (ACT) purchased parcel and Alachua County Forever has made offer to purchase portion of it from ACT. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 94 ac.	Land Acquisition	Completed	2010	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$415,316	N/A	Alachua County Forever Bond Proceeds	\$415,316	N/A
ACEPD	N/A	AS17	Prairie Creek Conservation Cemetery	Paynes Prairie. Conservation Easement acquisition – Crevasse (Prairie Creek by Paynes Prairie. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp	Land Acquisition	Completed	2010	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$324,022	N/A	Alachua County Forever Bond Proceeds	\$324,022	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 79 ac.												
ACEPD	Paynes Prairies Preserve State Park	AS20	Teuton	Paynes Prairie. Alachua County. Land acquisition – Teuton parcel 2.02 ac. To be managed as part of Paynes Prairie Preserve State Park. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1.	Land Acquisition	Completed	2014	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$11,424	N/A	Wild Spaces Public Place Surtax	\$11,424	N/A
ACEPD	City of Gainesville/ FDOT District 2	BACTERIA03	Coliform Wet and Dry Season Assessment	Gainesville urban area. Assessment of wet and dry season fecal coliform concentrations in surface waters at selected stations. Benefits: Provide data for wet season and dry season coliform concentrations for use in determining baseline conditions and achievable load reductions; implement Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Study	Completed	2007	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins – Alachua County	N/A	\$15,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$15,000	N/A
ACEPD	City of Gainesville/ FDOT District 2	BACTERIA17	Outfall Reconnaissance Inventory (ORI)	Gainesville urban area. Reconnaissance of all outfalls and visual observations and sampling of suspect outfalls and stormwater pipes discharging to urban creeks with high fecal coliform concentrations. Identify	Study	Completed	2010	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins – Alachua County	N/A	\$1,100	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$1,100	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				and eliminate sources of fecal coliform pollution. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.												
ACEPD	N/A	BACTERIA18	Private Wastewater Collection System Pilot Study	Gainesville Urban Area. Conducted pilot study of private wastewater collection systems. Pilot tests were conducted, and report was written. ACEPD may pursue private collection system monitoring program in future. Assess condition of private wastewater collection systems to determine their likelihood to contribute to sanitary sewer overflows. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Study	Completed	2008	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins – Alachua County	N/A	Not provided	N/A	Alachua County General Fund	Not provided	N/A
ACEPD	City of Gainesville/ FDOT District 2	BACTERIA20	Urban Creek Fecal Coliform "Hot Spots" Monitoring	Gainesville urban area. Continue to assess fecal coliform bacteria (or other bacteriological standard) to assess microbial "hot spots" for source investigation. Provide data for fecal coliform bacteria (or other bacteriological standard) to assess microbial "hot spots" for source investigation. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.	Monitoring/ Data Collection	Completed	2017	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins – Alachua County	N/A	N/A	\$7,300	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	Not provided	N/A
ACEPD	City of Gainesville/	HAT01	Expanded Coliform and Iron Monitoring	Northeast Alachua County Hatchet Creek. Additional monitoring to	Monitoring/ Data Collection	Completed	2006	N/A	N/A	Newnans Lake Basin –	N/A	\$5,000	N/A	Gainesville Clean Water Partnership	\$5,000	N/A

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	FDOT District 2			better define spatial distribution of coliform bacteria. Collect samples monthly throughout watershed at 8 sites. Benefits: Determine areas in watershed with elevated iron and fecal coliform; implement Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.						Alachua County				(Alachua County, City of Gainesville, FDOT District 2)		
ACEPD	Alachua County	LOCH05	Silver Springs/McLeod	Cross Creek. Land acquisition – Silver Springs/McLeod property in Cross Creek area (working on conservation easement with owner) Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1.	Land Acquisition	Canceled	N/A	N/A	N/A	Lochloosa Lake Basin – Alachua County	N/A	Not provided	N/A	Alachua County Forever Bond Proceeds	Not provided	N/A
ACEPD	Alachua Conservation Trust (ACT)	LOCH06	Phifer Flatwoods Land Acquisition	Alachua County. Land acquisition – Phifer Flatwoods Little Lochloosa Creek Watershed. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 600 ac.	Land Acquisition	Completed	2006	N/A	N/A	Lochloosa Lake Basin – Alachua County	N/A	\$2,882,239	N/A	Alachua County Forever Bond Proceeds	\$2,882,239	N/A

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ACEPD	ACT	LOCH13	Phifer Addition	Alachua County. Land acquisition – Phifer Flatwoods Additions within Little Lochloosa Creek Watershed. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 380 ac.	Land Acquisition	Completed	2009	N/A	N/A	Lochloosa Lake Basin – Alachua County	N/A	\$1,170,864	N/A	Alachua County Forever Bond Proceeds	\$1,170,864	N/A
ACEPD	N/A	NEW07	Wainberg Land Acquisition	Newnans Lake. Land acquisition – Wainberg (west side Newnans Lake). Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 22 ac.	Land Acquisition	Completed	2007	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$175,000	N/A	Alachua County Forever Bond Proceeds	\$175,000	N/A
ACEPD	City of Gainesville/ Gainesville Regional Airport	NEW40	Newnans Lake Improvement Initiative Phase I	Newnans Lake Watershed. Project will identify and prioritize cost-effective restoration strategies to improve water quality in headwaters of Newnans Lake. Project will carry out redesign studies, one at Little Hatchet Creek and one at Gum Root Swamp, in Newnans Lake Area, to identify projects that will best address external	Study	Completed	2017	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$456,000	N/A	DEP	Not provided	Not provided

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				phosphorus loading to Newnans Lake.												
ACEPD	SJRWMD	OR09	Rayonier Land Tract (River Styx wetland)	River Styx. Land acquisition – Rayonier Tract River Styx. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 1,450 ac.	Land Acquisition	Completed	2008	N/A	N/A	Orange Lake Basin – Alachua County	N/A	\$4,855,506	N/A	Alachua County Forever Bond Proceeds	\$4,855,506	N/A
ACEPD	N/A	OR10	Richardson Tract (River Styx)	River Styx. Land acquisition – Richards on NW corner of Orange Lake to River Styx. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1.	Land Acquisition	Canceled	N/A	N/A	N/A	Orange Lake Basin – Alachua County	N/A	N/A	N/A	N/A	N/A	N/A
ACEPD	FCT/ North American Wetlands Conservation Act/ FRPP/ Private Donors	OR23	Barr Hammock, Levy Prairie, Ledwith Lake Land Acquisitions	Between Wacahoota Rd., I-75, SR 121 and Marion County Line/ Land acquisition – Barr Hammock Levy Prairie Ledwith Lake/ No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element –	Land Acquisition	Completed	Not provided	N/A	N/A	Orange Lake Basin – Alachua County	N/A	\$15,334,139	N/A	Alachua County Forever Bond Proceeds/ Wild Spaces and Public Places Sales Tax/ FCT/ North American Wetlands Conservation Act/ FRPP/ Private Cost-Share	Wild Spaces and Public Places Sales Tax – \$4,026,614	N/A

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				Alachua County Forever Policy 6.2.1.												
ACEPD	UF-IFAS Extension Service/ NOAA/ City of Gainesville/ FDOT District 2/ Current Problems, Inc. (Adopt A River)	SWT22	Springhill Pond Vegetative Enhancement	<p>City of Gainesville. Springhill Park – Public education workshop and stormwater pond and seepage wetland vegetative enhancement. Benefits: Reduce pollutant concentrations in stormwater runoff; public education effort to demonstrate importance of vegetated buffers in preventing nonpoint source pollution; implement Alachua County Comp Plan Conservation and Open Space Element Education and Outreach -objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – 406.43 Water Resources Buffers; ULDC 407.56 Requirements for Stormwater Management Areas used as Open Space; ULDC Article 9 Stormwater Management.</p>	Education Efforts, Wetland Vegetation Enhancement, Littoral Zone Planting	Completed	Not provided	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$7,500	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$7,500	N/A
ACEPD	City of Gainesville/ FDOT District 2	SWT29	Inlet Protection Pilot Project, Sweetwater Branch	<p>City of Gainesville. Assessment of stormwater drop inlet geotextile filtering devices at Florida Pest Control (impervious area 3.96 ac) to quantify sediments, particle sizes and pollutants. Benefits: Determine effectiveness of drop inlet protection devices in reducing pollutant loading from impervious area stormwater runoff; implement Alachua County Comp Plan Conservation and Open Space Element – Surface</p>	Study	Completed	2007	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$2,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$2,000	N/A

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				Water Systems Objective 4.6.												
ACEPD	UF-IFAS Extension Service/ City of Gainesville, FDOT District 2/ Current Problems, Inc. (Adopt A River)	TUM18	Tumblin Basin Vegetative Enhancement	<p>City of Gainesville. Tumblin Basin (SW 5th Ave.) – Public education workshop was completed as scheduled and attended by citizens. Information provided about stormwater pond vegetative enhancement. Benefits: Reduce pollutant concentrations in stormwater runoff; public education effort to demonstrate importance of vegetated buffers in preventing nonpoint source pollution; implement Alachua County Comp Plan Conservation and Open Space Element – Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – 406.43 Water Resources Buffers; ULDC 407.56 Requirements for Stormwater Management Areas used as Open Space; ULDC Article 9 Stormwater Management.</p>	Education Efforts	Completed	Not provided	N/A	N/A	Tumblin Creek Basin – Alachua County	N/A	\$7,500	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$7,500	N/A
ACEPD	City of Gainesville/ FDOT District 2	ALACHUA03	Water Quality Protection BMP Training	<p>Alachua County. Training and education for contractors, government, and citizens in sedimentation and erosion control to improve stormwater quality. Benefits: Reduce pollutant concentrations in stormwater runoff (including phosphorus from Hawthorn Group formations); public education effort to demonstrate importance of preventing nonpoint</p>	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	N/A	\$2,000	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	Not provided	N/A

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				source pollution; implement Alachua County Comp Plan Conservation and Open Space Element – Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – 406.43 Water Resources Buffers; ULDC Article 9 Stormwater Management.												
ACEPD	City of Gainesville/ FDOT District 2	ALACHUA04	Pet Waste Outreach	Alachua County. Implement social marketing campaign to motivate citizens to scoop, bag, and trash dog waste at home and in community. Reduces bacteria and nutrient sources in all watersheds. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$40,655	\$7,000	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	Not provided	N/A
ACEPD	N/A	ALACHUA05	Stormwater Basin Monitoring	Alachua County. Monitor water quality in various stormwater basins to understand if they are sinks or sources of nutrients and bacteria. Provide data for determining how stormwater basins affect water quality. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6	Monitoring/ Data Collection	Completed	2015	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$6,000	N/A	Alachua County General Fund	\$6,000	N/A

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ACEPD	City of Gainesville/ FDOT District 2	ALACHUA06	Landscaping Debris Social Marketing	Alachua County/ Implement social marketing campaign designed to get citizens to keep landscaping debris out of roads and stormwater collection systems. Reduces bacteria and nutrient sources in all watersheds. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$50,000	\$7,000	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	Not provided	N/A
ACEPD	N/A	ALCODE02	Fertilizer and Landscape Irrigation Codes	Alachua County. Adopt and enforce Fertilizer Management and Landscape Irrigation Ordinances. Reduce volume of runoff from overirrigation and reduce nutrient loading from use of fertilizers. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	N/A	Not provided	Alachua County General Fund	Not provided	N/A
ACEPD	N/A	AS04	Expanded Nutrient Monitoring Alachua Sink	Sweetwater Branch and Paynes Prairie. Expanded nutrient monitoring of Alachua Sink. Benefits: Determine current water quality and water level conditions in Alachua Sink. Implementation of Alachua County Comprehensive Plan (Comp Plan) Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Monitoring/ Data Collection	Completed	2004	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$5,600	N/A	Alachua County	\$5,600	N/A
ACEPD	N/A	AS07	Bishop and Henderson	Paynes Prairie. Land acquisition – Bishop and Henderson Williston Rd. adjacent to Paynes Prairie. Benefits: No increase in surface runoff	Land Acquisition	Completed	2006	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin –	N/A	\$225,700	N/A	Alachua County Forever Bond Proceeds	\$225,700	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 25 ac.						Alachua County						
ACEPD	N/A	BACTERIA01	Bacterial Source Tracking	City of Gainesville. Bacterial source tracking by antibiotic resistance analysis (ARA) and discriminate ribotype analysis (ribotyping). Benefits: Fecal coliform bacteria source identification using ARA, ribotyping, and enumeration of fecal coliform and enterococci bacteria. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Monitoring/ Data Collection	Completed	2003	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins – Alachua County	N/A	\$24,600	N/A	Alachua County	\$24,600	N/A
ACEPD	City of Gainesville/ FDOT District 2	BACTERIA02	Fecal Coliform Source Assessment	City of Gainesville; Alachua County. Fecal coliform source assessment using expanded microbiological sampling and selected MST techniques. Benefits: MST project uses a phased approach for assessment with expanded bacteriological monitoring and human-specific MST at selected sites. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Monitoring/ Data Collection	Completed	2007	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins – Alachua County	N/A	\$45,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$45,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	N/A	BACTERIA04	Expanded Fecal Coliform Bacteria Monitoring	Gainesville urban area. Expanded base flow fecal coliform monitoring to better identify stream segments with high bacterial counts. Benefits: Determine current water quality and water level conditions in Tumblin Creek, Hogtown Creek, and Sweetwater Branch. Implements Comp Plan Conservation and Open Space Element -Surface Water Systems Objective 4.6.	Monitoring/ Data Collection	Completed	N/A	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins - Alachua County	N/A	N/A	\$30,000	Alachua County	Not provided	N/A
ACEPD	City of Gainesville/ FDOT District 2	BACTERIA06	Optical Brighteners	City of Gainesville. Optical brightener and fecal coliform analyses throughout watershed for illicit discharge detection. Benefits: Identify illicit discharges using optical brighteners, dry season (base flow) and wet season sampling. Implements Alachua County Comp Plan Conservation and Open Space Element - Surface Water Systems Objective 4.6.	Study	Completed	2006	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins - GRU	N/A	\$9,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$9,000	N/A
ACEPD	City of Gainesville/ FDOT District 2	BACTERIA19	Hydrodynamic Separator and Fecal Coliform Study	Gainesville Urban Area. Study goal is to assess potential of hydrodynamic separator storm sewer BMP devices to harbor and release high levels of bacteria into Gainesville creeks. Provide data for developing BMP maintenance guidelines for reduction of fecal coliform bacteria. Implements Alachua County Comp Plan Conservation and Open Space Element - Surface Water Systems Objective 4.6.	Study	Completed	2015	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins - Alachua County	N/A	\$12,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$12,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	City of Gainesville/ FDOT District 2	HOG24	Inlet Protection Pilot Project, Hogtown Creek	City of Gainesville. Assessment of stormwater drop inlet geotextile filtering devices at Gainesville Public Works Compound (impervious area 9.99 ac) to quantify sediments, particle sizes, and pollutants (Springstead Creek). Benefits: Determine effectiveness of drop inlet protection devices in reducing pollutant loading from impervious area stormwater runoff; implement Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Study	Completed	2007	N/A	N/A	Hogtown Creek Basin – Alachua County	N/A	\$2,000	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$2,000	N/A
ACEPD	NOAA/ City of Gainesville/ FDOT District 2/ Current Problems, Inc.	HOG26	Forest Park Vegetative Enhancement	City of Gainesville. Forest Park stormwater pond vegetative enhancement. Benefits: Reduce pollutant concentrations in stormwater runoff; public education effort to demonstrate importance of vegetated buffers in preventing nonpoint source pollution; implement Alachua County Comp Plan Conservation and Open Space Element – Education and Outreach Objective 2.2; Surface Water Systems Objective 4.6; Alachua County ULDC – 406.43 Water Resources Buffers; ULDC 407.56 Requirements for Stormwater Management Areas used as Open Space; ULDC Article 9 Stormwater Management.	Wet Detention Pond	Completed	Not provided	Not provided	Not provided	Hogtown Creek Basin – Alachua County	12,800.0	\$7,500	Not provided	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2), NOAA Coastal Impact Assistance Program (CIAP) Grant	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	SJRWMD/ U.S. Dept. of the Interior Federal Forest Legacy Program (FFLP)	NEW06	Newnans Lake Addition	Newnans Lake. Land acquisition – Newnans Lake Addition. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 1,700 ac.	Land Acquisition	Completed	2005	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$3,732,126	N/A	Alachua County Forever Bond Proceeds/ SJRWMD/ FFLP Cost-Share	Alachua County Forever Bond Proceeds – \$1,617,000	N/A
ACEPD	SJRWMD	OR02	Longleaf Flatwoods Preserve Land Acquisition	Alachua County. Land acquisition – Longleaf Flatwoods Preserve. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 1,389 ac.	Land Acquisition	Completed	2003	N/A	N/A	Orange Lake Basin – Alachua County	N/A	\$2,259,654	N/A	Alachua County Forever Bond Proceeds/ SJRWMD	Not provided	N/A
ACEPD	USDA FRPP	OR08	Freddy Wood Land Tract	Orange Lake. Land acquisition – Freddy Wood Tract. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 600 ac.	Land Acquisition	Completed	2008	N/A	N/A	Orange Lake Basin – Alachua County	N/A	\$1,136,000	N/A	Alachua County Forever Bond Proceeds/ FRLPP Cost-Share	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	N/A	SWT18	Expanded Nutrient Monitoring Sweetwater Branch	City of Gainesville. Expanded nutrient monitoring of Sweetwater Branch. Benefits: Determine current water quality and water level conditions in Sweetwater Branch on Paynes Prairie and Alachua Sink. Implementation of Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6	Monitoring/ Data Collection	Completed	2004	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$5,600	N/A	Alachua County	\$5,600	N/A
ACEPD	(FCT	SWT31	Sweetwater Preserve	Paynes Prairie. Land acquisition – Sweetwater Preserve (north rim of Paynes Prairie). Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 113 ac.	Land Acquisition	Completed	2006	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – Alachua County	N/A	\$7,700,000	N/A	Alachua County Forever Bond Proceeds/ FCT Cost-Share	Not provided	N/A
ACEPD	N/A	NEW20	Cox and Moore	Alachua County. Land acquisition – Cox and Moore. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 463,657 ac.	Land Acquisition	Completed	2013	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$1,095,343	N/A	Alachua County Forever Bond Proceeds/ Wild Spaces and Public Places Sales Tax	\$1,095,343	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	N/A	NEW21	Kincaid and Tabone	Alachua County. Conservation Easement acquisition – Kincaid and Tabone. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 120,149 ac.	Land Acquisition	Completed	2012	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$179,000	N/A	Alachua County Forever Bond Proceeds	\$179,000	N/A
ACEPD	N/A	NEW22	Smith	Alachua County. Conservation Easement acquisition – Smith. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 37,637 ac.	Land Acquisition	Completed	2012	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$63,700	N/A	Alachua County Forever Bond Proceeds	\$63,700	N/A
ACEPD	N/A	NEW23	Wainberg Addition Number 2	Alachua County. Land acquisition – Wainberg Addition. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 1.3 ac.	Land Acquisition	Completed	2013	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$14,363	N/A	Alachua County Forever Bond Proceeds	\$14,363	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
ACEPD	U.S. Fish and Wildlife Service (FWS)	OCB02	Little Orange Creek	Alachua County. Land acquisition – Little Orange Creek. No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1. Includes 699 ac.	Land Acquisition	Completed	2012	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$795,438	N/A	Alachua County Fee Simple, Wild Spaces and Public Places Sales Tax, North American Wetland Act Grant, ACT	Not provided	N/A
ACHD	N/A	HOG15	Evaluation of Residential Septic Tanks Systems Adjacent to Hogtown and Possum Creeks, Tumblin Creek, and Sweetwater Branch	Alachua County. Includes identifying parcels with septic systems, conducting soil borings to check water table, and fecal coliform analyses. Staffed with full-time temporary Other Personnel Services (OPS) position (1 yr). Benefits: Identify potential fecal coliform sources.	Study	Completed	2005	N/A	N/A	Hogtown Creek Basin – FDOH in Alachua County	N/A	\$20,000	N/A	FDOH	\$20,000	N/A
ACHD	Not provided	WAU01	Evaluation of Septic Systems Surrounding Lake Wauberg	Lake Wauberg Watershed. Includes identifying parcels with septic systems, conducting soil borings to check water table, and sampling for nutrients. Benefits: Locate areas where septic systems or other domestic waste treatment systems may be contributing N and P to Lake Wauberg.	Study	Completed	2005	N/A	N/A	Lake Wauberg Basin – FDOH in Alachua County	N/A	\$15,000	N/A	FDOH	\$15,000	N/A
Alachua County	N/A	LOCH09	NE 179th Street Erosion Control	Project location: Intersection of NE 179th St. and SR 26. Description: Construction of sediment trap in roadside swale of NE 179th St. to trap sediment from NE 179th St. that discharged into swales on	Muck Removal/ Restoration Dredging	Completed	2010	Not provided	Not provided	Lochloosa Lake Basin – Alachua County	Not provided	Not provided	Not provided	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				SR 26 and eventually into Lochloosa Creek.												
Alachua County	City of Gainesville, FDOT District 2	NEW32	Little Hatchet Creek	Little Hatchet Creek. Field survey and sampling of stream bank soils along Little Hatchet Creek near Gainesville Airport to evaluate soil phosphorus. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.	Monitoring/ Data Collection	Completed	2015	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$5,235	N/A	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	\$5,235	N/A
Alachua County	N/A	NEW36	Reduce Phosphorus Load to Newnans Lake from Little Hatchet Creek	Gainesville Regional Airport. Project goal is to determine feasibility of reducing phosphorus load from Little Hatchett Creek to Newnans Lake by: 1. reducing volume and velocity of storm flows into Little Hatchet Creek, 2. reducing erosion P-rich Hawthorn materials into ditch that contains creek as it flows from Waldo Rd. through Gainesville airport, and 3. chemically treating water from Little Hatchet Creek to significantly reduce phosphorus before it discharges into Newnans Lake. Canceled – Same project as NEW40.	Study	Canceled	N/A	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$130,000	N/A	DEP	Not provided	N/A
Alachua County	N/A	NEW37	Reduce Phosphorus Load to Newnans Lake from Gum Root Swamp	Gum Root Swamp. Project goal is to understand phosphorus dynamics in Gum Root Swamp sufficiently to determine if there are methods of reducing release of phosphorus from swamp to Newnans Lake by enhancing wetland's ability to assimilate, store, and/or transform phosphorus.	Study	Canceled	N/A	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$116,000	N/A	DEP	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Canceled – Same project as NEW40.												
Alachua County	City of Gainesville, FDOT District 2	SWT30	In-stream Bioassessments in Hogtown Creek, Sweetwater Branch, Tumblin Creek, Little Hatchet Creek, Hatchet Creek, and Lake Forest Creek Watersheds	Orange Creek Basin. In stream bioassessments in Hogtown Creek, Sweetwater Branch, Tumblin Creek, Little Hatchet Creek, Hatchet Creek, and Lake Forest Creek Watersheds for comparison with historical BioRecon data. Benefits: To determine current status of in-stream biological health in these watersheds; implement Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6.	Monitoring/ Data Collection	Completed	2010	N/A	N/A	Orange Creek Basin – Alachua County	N/A	\$68,375	N/A	FDOT District 2/ Alachua County	FDOT District 2 – \$47,675, Alachua County – \$20,700	N/A
Alachua County	N/A	URBAN08-HOG	Alachua County Roads Street Sweeping	Urban Area. Sweeping of Alachua County– maintained roads in urbanized area. Benchmark frequency for sweeping roads with curb and gutter is recurring 90-day cycle. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	109	70	Lochloosa Lake Basin	N/A	N/A	Not provided	Alachua County	Not provided	N/A
Alachua County	N/A	URBAN08-NEW	Alachua County Roads Street Sweeping	Urban Area. Sweeping of Alachua County– maintained roads in urbanized area. Benchmark frequency for sweeping of roads with curb and gutter is recurring 90-day cycle. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	65	42	Hogtown Creek Basin	N/A	N/A	Not provided	Alachua County	Not provided	N/A

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Alachua County	N/A	URBAN08-SWT	Alachua County Roads Street Sweeping	Urban Area. Sweeping of Alachua County– maintained roads in urbanized area. Benchmark frequency for sweeping roads with curb and gutter is recurring 90-day cycle. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	44	28	Sweetwater Branch Paynes Prairie Alachua Sink Basin	N/A	N/A	Not provided	Alachua County	Not provided	N/A
Alachua County	N/A	NEW33	Little Hatchet Creek	Little Hatchet Creek/Gum Root Swamp. Field survey and sampling of soils/ sediment where Little Hatchet Creek enters and exits Gum Root Swamp to evaluate soil/sediment phosphorus. Implements Alachua County Comp Plan Conservation and Open Space Element – Surface Water Systems Objective 4.6 and policies.	Monitoring/ Data Collection	Completed	2015	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$7,387	N/A	Alachua County	\$7,387	N/A
Alachua County	N/A	NEW34	Floyd Acquisition	Newnans Lake. Alachua County. Land acquisition – Floyd parcel 1.41 ac. To be managed as part of Newnans Lake Cypress Preserve. Benefits: No increase in surface runoff of pollutants because of land use change, continued aquifer recharge and ecosystem/habitat preservation; implement Alachua County Comp Plan Conservation and Open Space Element – Alachua County Forever Policy 6.2.1.	Land Acquisition	Completed	2015	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	\$50,501	N/A	Wild Spaces Public Place Surtax	\$50,501	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Alachua County	TBD	NEW39	Newans Lake Shoreline Sediments Nutrient Sampling	Newnans Lake. Conduct shoreline sampling of sediments to evaluate nutrient hot spots and chemical makeup of surface sediments in effort to better understand sediment surface interactions along Newnans Lake shoreline.	Monitoring/ Data Collection	Planned	TBD	N/A	N/A	Newnans Lake Basin – Alachua County	N/A	Not provided	N/A	Not provided	Not provided	N/A
City of Gainesville	Alachua County/ FDOT District 2/ UF-IFAS Alachua County Extension	ALACHUA16	FFL Education Programs/ Addresses Nutrient TMDL	Gainesville urban area and Alachua County. Public education program to promote stormwater nutrient (nitrogen and phosphorus) reduction from residential and commercial landscaping to protect groundwater and surface water resources. Reduce pollutant concentrations in stormwater runoff; demonstrate importance of preventing nonpoint source pollution.	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	N/A	\$10,000	Gainesville Clean Water Partnership (Alachua County, City, FDOT District 2)	Not provided	N/A
City of Gainesville	Alachua County/ FDOT District 2	MSPERMIT01	City of Gainesville Water Pollution Prevention Program NPDES MS4 Permit	Urbanized area of Gainesville and Alachua County. Multiple public outreach and education programs, IDDE programs, mapping and modeling efforts, construction site pollution prevention programs, and municipal operations pollution prevention programs. Benefits: Remove illicit connections; BMP implementation. Reduce loadings.	Education Efforts	Completed	N/A	N/A	N/A	Regulated MS4 area	N/A	\$4,774,500	N/A	City Stormwater Management Utility Fee/ City/ Alachua County/ FDOT District 2 (Gainesville Clean Water Partnership)	City – \$1,771,300	N/A
City of Gainesville	FCT	NEW16	Duval Neighborhood Stormwater Park Land Acquisition	East side of Gainesville. Land acquisition for subregional stormwater basin in nature park setting. Future stormwater basin will reduce pollutant load to Newnans Lake. Remainder of site will	Land Acquisition	Completed	Not provided	N/A	N/A	Newnans Lake Basin – City of Gainesville	N/A	\$238,291	N/A	FCT, CBDG	FCT – \$140,412 CBDG – \$97,879	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				support ecosystem/habitat preservation, passive recreation, and environmental education.												
City of Gainesville	FCT/ DEP / HUD	NEW19	Duval Stormwater Park	Duval Neighborhood Stormwater Park, 26.4 ac, is located at 505 NE 21st St. in Gainesville "Front Porch Community." Urban stormwater retrofit project is designed to improve water quality in Newnans Lake. Duval Stormwater Park provides water quality treatment credit "bank" that city may draw from as needed during implementation of revitalization projects in Duval neighborhood. Duval Stormwater Park also provides passive recreational opportunities. Benefits: Reduce sediment load and nutrient loads.	Regional Stormwater Treatment	Completed	2011	TBD	TBD	Newnans Lake Basin – City of Gainesville	56.0	\$891,609	N/A	Stormwater Management Utility Fees/ FDOT Cost-Share Grant/ DEP Grant, CBDG/ FCT Grant	Not provided	Not provided
City of Gainesville	N/A	NEW28	Duval Heights Drainage Improvements	Lake Forest Creek Watershed. Construction of roadside swales to help prevent flooding of existing paved streets and will provide additional treatment prior to discharging to Duval Stormwater Park.	Swale	Canceled	N/A	N/A	N/A	Newnans Lake Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A
City of Gainesville	N/A	NEW29	Smokey Bear Rd. Underpass Improvements	Little Hatchet Creek Watershed. Underpass upgrade. Replacement and upgrade to existing underpass for Little Hatchet Creek to prevent upstream flooding and erosion control	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Newnans Lake Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A
City of Gainesville	N/A	NEW30	Little Hatchet and Lake Forest Creek Watershed Master Study	Little Hatchet and Lake Forest Creek Watersheds. Conduct watershed master study and plan for both watersheds to determine projects to	Study	Planned	2018	N/A	N/A	Newnans Lake Basin – City of Gainesville	N/A	\$300,000	N/A	City of Gainesville Stormwater Management Utility Fee	\$300,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				benefit watersheds along with Newnans Lake.												
City of Gainesville	N/A	NEW41	Pleasant Acres Storm Sewer	Provides compensating treatment for redevelopment site. Benefits: Reduce sediment load and nutrient loads. Improve water quality.	Regional Stormwater Treatment	Completed	Not provided	N/A	Not provided	Newnans Lake Basin – City of Gainesville	Not provided	\$70,176	N/A	City Storm Water Management Utility Fee	\$70,176	N/A
City of Gainesville	FDOT/ SJRWMD	SWT02	Depot Ave. Stormwater Park	Depot Ave. 32-ac brownfield restoration site includes 11-ac wet detention pond developed in park. Benefits: Reduce sediment load and nutrient loads.	Wet Detention Pond	Completed	2007	661	256	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	117.7	\$7,162,000	N/A	SJRWMD/ Legislature/ FDOT District 2/ City Stormwater Management Utility Fee/ SRF	Not provided	N/A
City of Gainesville	EPA	SWT35	Southeast 19th St., Rosewood Trash Trap Land Acquisition	Upper Sweetwater Branch Watershed. Land acquisition for future stormwater treatment. Benefits: Future site of water quality improvement project.	Land Acquisition	Completed	2004	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$4,135	N/A	EPA	Not provided	N/A
City of Gainesville	DEP	SWT36	Southeast 9th St., Rosewood Trash Trap	Upper Sweetwater Branch Watershed. Stormwater treatment facility. Water quality improvement project.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	2010	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$350,000	N/A	City/ DEP	Not provided	Not provided
City of Gainesville	N/A	TUM02	SW 11th Ave. Storm Sewer	1200 Block SW 11th Ave. Improve storm sewer system. Stabilize creek outfall. Benefits: Reduce sediment load.	Stormwater System Rehabilitation	Completed	2004	Not provided	Not provided	Tumblin Creek Basin – City of Gainesville	Not provided	\$88,000	N/A	City Stormwater Management Utility Fee	\$88,000	N/A
City of Gainesville	FDOT	TUM23	Tumblin Creek Sediment and Trash Trap	Tumblin Creek Watershed. Stormwater sediment and trash trap. Water quality improvement project by removal of debris, sediment, and potential pollutants from Tumblin Creek and its watershed prior to discharge to Bivens Arm and	Catch Basin Inserts/Inlet Filter Clean Out	Completed	Not provided	Not provided	Not provided	Tumblin Creek Basin – City of Gainesville and FDOT, District 2	N/A	\$1,440,785	N/A	City Stormwater Management Utility Fee/ FDOT	City Stormwater Management Utility Fee – \$1,250,000 FDOT – \$190,785	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				rehydration of adjacent wetland.												
City of Gainesville	Alachua County	TUM24	City of Gainesville Rain and Weather Gauges	Gainesville Urban Area. Installation of weather stations to monitor rain, temperature and other weather data at various points across Gainesville. Three stations installed. Collecting rain and additional weather data at various locations across Gainesville that can be used in future analysis	Monitoring/ Data Collection	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County urban area	N/A	\$7,194	N/A	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	N/A	TUM25	Tumblin Creek Southwest 9th St. Pipe Upgrade	Tumblin Creek Watershed. stormwater pipe upgrade. Replacement of existing older pipes to better convey stormwater to headwaters of Tumblin Creek	Stormwater System Rehabilitation	Completed	Not provided	Not provided	Not provided	Tumblin Creek Basin – City of Gainesville	N/A	\$920,000	N/A	City Stormwater Management Utility Fee	\$920,000	N/A
City of Gainesville	N/A	TUM26	Tumblin Creek West 6th St. Pipe Upgrade	Tumblin Creek Watershed. Stormwater pipe upgrade. Replacement of existing older pipes to better convey stormwater to existing infrastructure leading to Tumblin Creek	Stormwater System Rehabilitation	Underway	TBD	Not provided	Not provided	Tumblin Creek Basin – City of Gainesville	N/A	\$300,000	N/A	City Stormwater Management Utility Fee	\$300,000	N/A
City of Gainesville	N/A	TUM27	Tumblin Creek Northwest 14th St. Pipe Upgrade	Tumblin Creek Watershed. stormwater pipe upgrade. Replacement of existing older pipes to better convey stormwater to existing infrastructure leading to Tumblin Creek	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Tumblin Creek Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A
City of Gainesville	N/A	TUM28	Tumblin Creek Southwest 7th Terrace Pipe Upgrade	Tumblin Creek Watershed. stormwater pipe upgrade. Replacement of existing older pipes to better convey stormwater to headwaters of Tumblin Creek	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Tumblin Creek Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Gainesville	N/A	TUM29	Tumblin Creek Southwest 14th Ave. Underpass Improvements	Tumblin Creek Watershed. underpass upgrade. Replacement and upgrade to existing underpass for Tumblin Creek to prevent upstream flooding and erosion control	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Tumblin Creek Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A
City of Gainesville	N/A	TUM30	Tumblin Creek Southwest 9th St. Underpass Improvements	Tumblin Creek Watershed. underpass upgrade. Replacement and upgrade to existing underpass for Tumblin Creek to prevent upstream flooding and erosion control	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Tumblin Creek Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A
City of Gainesville	N/A	TUM31	Tumblin Creek P.K. Yonge Underpass Improvements	Tumblin Creek Watershed. Underpass upgrade. Replacement and upgrade to existing underpass for Tumblin Creek to prevent upstream flooding and erosion control.	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Tumblin Creek Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A
City of Gainesville	N/A	TUM32	Tumblin Creek Erosion Control and Stream Restoration	Tumblin Creek Watershed. Creek restoration. Upgrade problematic areas along Tumblin Creek for erosion control and stream restoration.	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Tumblin Creek Basin – City of Gainesville	N/A	N/A	N/A	N/A	N/A	N/A
City of Gainesville	EPA/ SJRWMD	URBAN02	Hydrodynamic Separator Number 1	400 block of Southeast 1st Ave. in Gainesville. Installation and operation of baffle box on SE 1st Ave. in downtown Gainesville and used for sediment collection. Treats 11.5-ac area in Sweetwater Watershed. Maintenance schedule includes cleaning out sediment structures/ hydrodynamic separators minimum of twice/yr. Benefits: Prevents sediment and trash from entering streams and storm sewer system.	Baffle Boxes – 2nd Generation	Completed	N/A	Not provided	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$26,260	\$3,500	City Stormwater Management Utility Fee/ EPA Grant/ SJRWMD	Not provided	N/A

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City of Gainesville	UF/ Florida Stormwater Association (FSA)	URBAN07	Assessment Tool for MS4 Pollutant Load Reduction	Urban area. UF study to determine load reductions for MS4 operations. Load reductions will be determined for baffle boxes and street sweeping. Benefits: Provide methods that will allow calculation of loading reductions from accepted pollutant prevention and removal practices.	Study	Completed	2007	N/A	N/A	Orange Creek Basin – City of Gainesville urban area	N/A	\$13,000	N/A	FSA	Not provided	N/A
City of Gainesville	EPA/ SJRWMD	URBAN10	Hydrodynamic Separator Number 5	Units installed in 700 block of Northeast West Blvd. and 100 block of Northeast East Blvd. (Duck Pond area). Installation and operation of 2 CDS units in downtown Gainesville. Treats 20-ac area in Sweetwater Watershed. Maintenance schedule includes cleaning out sediment structures/ hydrodynamic separators at minimum of twice/yr. Benefits: Prevents sediment and trash from entering streams and storm sewer system.	CDS Unit	Completed	N/A	Not provided	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$145,180	\$3,500	City Stormwater Management Utility Fee/ EPA Grant/ SJRWMD	Not provided	N/A
City of Gainesville	Alachua County/ FDOT District 2	URBAN13	Gainesville Urban Area Storm Sewer Geodatabase	Urban area. Maintain comprehensive geodatabase for city and county storm sewer system data, watershed boundaries, and hydrologic features in Gainesville Urban Area. Coordinate with FDOT for data compatibility. Provide location information of storm sewer infrastructure and allow for flow modeling and illicit discharge tracking.	Study	Completed	2017	N/A	N/A	Orange Creek Basin – City of Gainesville urban area	N/A	\$2,040,000	N/A	Gainesville Clean Water Partnership (City, Alachua County, FDOT District 2)	\$2,040,000	N/A
City of Gainesville	N/A	URBAN14-HOG	Ditch Maintenance	Urban area. Hogtown Creek Basin, ditch dredging in Gainesville.	BMP Clean Out	Completed	N/A	140	57	Orange Creek Basin – City of	N/A	N/A	\$32,000	City Stormwater Management Utility Fee	Not provided	N/A

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				Performance measure of debris and sediment collected is 1,100 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter ditches. Prevent entry into waterways.						Gainesville urban area						
City of Gainesville	N/A	URBAN14-NEW	Ditch Maintenance	Urban area. Hogtown Creek Basin. ditch dredging in Gainesville. Performance measure of debris and sediment collected is 1,100 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter ditches. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	35	14	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$32,000	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	N/A	URBAN14-SWT	Ditch Maintenance	Urban area. Hogtown Creek Basin, ditch dredging in Gainesville. Performance measure of debris and sediment collected is 1,100 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter ditches. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	56	23	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$32,000	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	N/A	URBAN15-HOG	Storm Drain Cleaning	Urban area. Hogtown Creek Basin. Stormdrain cleaning of Gainesville, major collector roads, and residential areas. Performance measure of debris and sediment collected is 80 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter storm drains. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	1	1	Orange Creek Basin – City of Gainesville Urban Area	N/A	N/A	\$9,000	City Stormwater Management Utility Fee	Not provided	N/A

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City of Gainesville	N/A	URBAN15-NEW	Storm Drain Cleaning	Urban area. Hogtown Creek Basin. stormdrain cleaning of Gainesville, major collector roads, and residential areas. Performance measure of debris and sediment collected is 80 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter storm drains. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	0	0	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$9,000	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	N/A	URBAN15-SWT	Storm Drain Cleaning	Urban area. Hogtown Creek Basin. stormdrain cleaning of Gainesville, major collector roads, and residential areas. Performance measure of debris and sediment is 80 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter storm drains. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	0	0	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$9,000	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	N/A	URBAN16-HOG	Stormwater Pond Maintenance	Urban area. Hogtown Creek Basin. stormwater pond dredging in Gainesville. Performance measure of debris and sediment collected is 180 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter stormwater ponds. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	11	4	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$15,333	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	N/A	URBAN16-NEW	Stormwater Pond Maintenance	Urban area. Hogtown Creek Basin. stormwater pond dredging in Gainesville. Performance measure of debris and sediment collected is 180 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter stormwater ponds. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	3	1	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$15,333	City Stormwater Management Utility Fee	Not provided	N/A

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City of Gainesville	N/A	URBAN16-SWT	Stormwater Pond Maintenance	Urban area. Hogtown Creek Basin. stormwater pond dredging in Gainesville. Performance measure of debris and sediment collected is 180 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants that enter stormwater ponds. Prevent entry into waterways.	BMP Clean Out	Completed	N/A	4	2	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$15,333	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	Alachua County/ City of Gainesville/ FDOT District 2 (Gainesville Clean Water Partnership)/ Current Problems, Inc.	ALACHUA15	Waterway Clean-up and Shore Restoration Programs	Urban area and Alachua County. Public participation program to promote reduction of trash and pollutant loads in local waterways through waterway clean up events and shore restoration projects. Reduce pollutant concentrations in stormwater runoff; demonstrate importance of preventing nonpoint source pollution.	Education Efforts	Completed	N/A	N/A	N/A	Orange Creek Basin – Alachua County	N/A	N/A	\$18,000	Gainesville Clean Water Partnership (Alachua County, City of Gainesville, FDOT District 2)	Not provided	N/A
City of Gainesville	SJRWMD/ USACE	HOG17	Fluvial Geomorphologic Assessment and Preliminary Restoration Plan	Northwest Gainesville. Study to determine source of excessive sedimentation in Hogtown Creek and to develop preliminary plan to stabilize creek system. Benefits: First step in developing plan to stabilize excessive sediments.	Study	Completed	2003	N/A	N/A	Hogtown Creek Basin – City of Gainesville	N/A	\$107,200	N/A	206 USACE Program/ SJRWMD Cost-Share Grant/ City Stormwater Management Utility	Not provided	N/A
City of Gainesville	FEMA	HOG19	Sediment Removal	Northwest 8th Ave. Removal of excessive sediment at bridge. Benefits: Reduce sediment being deposited in Loblolly floodplain.	Muck Removal/ Restoration Dredging	Completed	2005	N/A	N/A	Hogtown Creek Basin – City of Gainesville	N/A	\$280,000	N/A	City Stormwater Management Utility Fee/ FEMA	Not provided	N/A

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City of Gainesville	N/A	HOG29	Hydrodynamic Separator Number 4	Unit installed in 2-34 block of Southwest 23rd Terr. in Gainesville. Installation and operation of Stormceptor™ unit on Southwest 23rd Terr. Treats area of 5.5 ac in Hogtown Watershed. Maintenance schedule includes cleaning out sediment structures/ hydrodynamic separators minimum of twice/yr. Benefits: Prevents sediment and trash from entering streams and storm sewer system.	Stormceptor™ Unit	Completed	N/A	Not provided	Not provided	Hogtown Creek Basin – City of Gainesville	N/A	\$11,410	\$3,500	City Stormwater Management Utility Fee	\$11,410	N/A
City of Gainesville	N/A	HOG31	Hydrodynamic Separator Number 7	Unit installed in 1300 block of Northwest 29th Rd. in Gainesville. Installation and operation of Vortex Unit #11000 in 1300 block of Northwest 29th Rd. Treats 55.5-ac area in Hogtown Watershed. Maintenance schedule includes cleaning out sediment structures/ hydrodynamic separators minimum of twice/yr. Benefits: Prevents sediment and trash from entering streams and storm sewer system.	Stormceptor™ Unit	Completed	N/A	Not provided	Not provided	Hogtown Creek Basin – City of Gainesville	N/A	\$62,728	\$3,500	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	EPA	SWT03	Duck Pond Restoration	Northeast 10th Ave. to Northeast 5th Ave. Creek restoration project to remove concrete channel and add sinuosity and wetland plants to 2,500-ft channel. Two CDS units added to prevent gross pollutants from entering creek. Duck species replaced and existing pond dredged and deepened with addition of littoral zone. Benefits: Reduce sediment load,	CDS Unit	Completed	2005	Not provided	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$1,040,000	N/A	EPA Grant, Stormwater Management Utility Fee	Not provided	N/A

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				bacteria, and nutrient loads.												
City of Gainesville	N/A	SWT04	Spring Hill Stormwater Park	Springhill Community. 3.6-ac stormwater park designed to treat runoff from residential areas. Water quality improvement from wet detention. Provides compensating treatment for redevelopment sites downtown. Benefits: Reduce sediment load and nutrient loads. Improve water quality from wet detention.	Wet Detention Pond	Completed	2003	66	22	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	7.4	\$170,000	N/A	City Stormwater Management Utility Fee	\$170,000	N/A
City of Gainesville	EPA	SWT24	Sweetwater Branch Watershed Management Plan (WMP) Update and Land Acquisition	Sweetwater Branch Watershed. Study to identify and prioritize new water quality treatment projects and develop stream stabilization plan. Balance of EPA grant funds used for land acquisition of project sites. Benefits: Management options were identified. Top-priority project sites were purchased. Top-priority projects were added to City of Gainesville CIP project list. Plan information used to successfully apply for Section 319 funding.	Study	Completed	2006	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$530,000	N/A	City Stormwater Management Utility Fee/ EPA grant	Not provided	N/A
City of Gainesville	EPA	SWT33	NW 2nd St. Land Acquisition	Upper Sweetwater Branch Watershed. Land acquisition for future stormwater treatment. Benefits: Future site of water quality improvement project.	Land Acquisition	Completed	2006	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$58,470	N/A	EPA	Not provided	N/A
City of Gainesville	EPA	SWT34	NW 14th Ave. Land Acquisition	Upper Sweetwater Branch Watershed. Land acquisition for future stormwater treatment. Benefits: Future site of	Land Acquisition	Completed	2004	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin –	N/A	\$57,600	N/A	EPA	Not provided	N/A

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				water quality improvement project.						City of Gainesville						
City of Gainesville	N/A	TUM01	Southwest 5th Ave. Basin	Southwest 5th Ave. 4.8-ac site contains 2.5-ac wet detention pond for water quality improvement. Site is located next to 3.5-ac Tumblin Creek Park. Benefits: Reduce sediment load and nutrient loads.	Wet Detention Pond	Completed	2003	157	20	Tumblin Creek Basin – City of Gainesville	50.8	\$1,147,818	N/A	City Stormwater Management Utility Fee	\$1,147,818	N/A
City of Gainesville	Not provided	TUM03	Tumblin Creek WMP Update	Tumblin Creek Watershed. Study to identify and prioritize new water quality treatment projects and LID options. Benefits: Pollutant loading model developed and pollutant load reduction projects have been identified and ranked.	Study	Completed	2007	N/A	N/A	Tumblin Creek Basin – City of Gainesville	N/A	\$246,426	N/A	City Stormwater Management Utility Fee/ Community Redevelopment Agency (College Park and University Heights Neighborhood Boards)	Not provided	N/A
City of Gainesville	N/A	URBAN01-HOG	Street Sweeping	Gainesville Urban Area Hogtown Creek Basin. Street sweeping of downtown Gainesville, major collector roads, and residential areas. Benchmark frequency for sweeping downtown area is twice per week in early morning with additional sweeping as needed during special events. Benchmark sweeping frequency for major roads is once every 4 wks or as needed. Benchmark frequency of sweeping for residential areas is 9 times/yr. Performance measure of debris and sediment collected is 17,000 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	125	80	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$166,667	City Stormwater Management Utility Fee	Not provided	N/A

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City of Gainesville	N/A	URBAN01-NEW	Street Sweeping	Gainesville Urban Area Hogtown Creek Basin. Street sweeping of downtown Gainesville, major collector roads, and residential areas. Benchmark frequency for sweeping downtown area is twice per week in early morning with additional sweeping as needed during special events. Benchmark sweeping frequency for major roads is once every 4 wks or as needed. Benchmark frequency of sweeping for residential areas is 9 time/yr. Performance measure of debris and sediment collected is 17,000 cubic yds/yr. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	32	20	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$166,667	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	N/A	URBAN01-SWT	Street Sweeping	Gainesville Urban Area Hogtown Creek Basin. Street sweeping of downtown Gainesville, major collector roads, and residential areas. Benchmark frequency for sweeping downtown area is twice per week in early morning with additional sweeping as needed during special events. Benchmark sweeping frequency for major roads is once every 4 wks or as needed. Benchmark frequency of sweeping for residential areas is 9 times annually. Performance measure of debris and sediment collected is 17,000 cubic yds/yr. Benefits: Remove debris, sediment, and	Street Sweeping	Completed	N/A	50	32	Orange Creek Basin – City of Gainesville urban area	N/A	N/A	\$166,667	City Stormwater Management Utility Fee	Not provided	N/A

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				potential pollutants from streets. Prevent entry into storm sewer system.												
City of Gainesville	EPA/ SJRWMD	URBAN03	Hydrodynamic Separator Number 2	Installation and operation of Vortech Unit in 400–500 block of Southeast 2nd Pl. in downtown Gainesville. Treats 8.8-ac area in Sweetwater Watershed. Maintenance schedule includes cleaning out sediment structures/ hydrodynamic separators a minimum of twice/yr. Benefits: Prevents sediment and trash from entering streams and storm sewer system.	CDS Unit	Completed	N/A	Not provided	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$25,200	\$3,500	City Stormwater Management Utility Fee/ EPA grant/ SJRWMD	Not provided	N/A
City of Gainesville	N/A	HOG30	Hydrodynamic Separator Number 6	Installation and operation of Vortex Unit #3000 in 1300 block of Gainesville 29th Rd. Treats 4.5-ac area in Hogtown Watershed. Maintenance schedule includes cleaning out sediment structures/ hydrodynamic separators a minimum of twice/yr. Benefits: Prevents sediment and trash from entering streams and storm sewer system.	Stormceptor™r Unit	Completed	N/A	Not provided	Not provided	Hogtown Creek Basin – City of Gainesville	N/A	\$29,211	\$3,500	City Stormwater Management Utility Fee	Not provided	N/A
City of Gainesville	EPA/ SJRWMD	URBAN09	Hydrodynamic Separator Number 3	Installation and operation of Stormceptor™ unit in 1300 block of Southeast 1st St. in downtown Gainesville. Treats 10-ac area in Sweetwater Watershed. Maintenance schedule includes cleaning out sediment structures/ hydrodynamic separators a minimum of twice/yr. Benefits: Prevents sediment and trash from entering streams and storm sewer system.	Stormceptor™ Unit	Completed	N/A	Not provided	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville	N/A	\$11,410	\$3,500	City Stormwater Management Utility Fee/ EPA grant/ SJRWMD	Not provided	N/A

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City of Gainesville/ GRU	DEP Parks and Recreation	AS05	Feasibility Analysis of Sweetwater Branch Sheetflow Restoration Project at Paynes Prairie Preserve State Park, Alachua County, Florida	Sweetwater Branch at Paynes Prairie. Assess technical and economic feasibility of restoring historical sheetflow of Sweetwater Branch onto Paynes Prairie wetlands by diverting flow from Alachua Sink. Determine allowable nutrient concentrations and loading to Paynes Prairie. Evaluate proposed diversion of Sweetwater Branch discharge to wetland flow through system rather than direct discharge to Alachua Sink. Collaborative study with GRU and Paynes Prairie Preserve State Preserve. Benefits: Rehydrates hundreds of acres of wetlands in Paynes Prairie Preserve State Park and diversion of Sweetwater Branch discharge from Alachua Sink.	Study	Completed	2006	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville and GRU	N/A	\$25,000	N/A	City Public Works/ GRU/ DEP Parks and Recreation	City Public Works/ GRU/ DEP Parks and Recreation (each paid one-third of cost)	N/A
City of Gainesville/ GRU	DEP Division of Parks and Recreation/ SJRWMD	AS15	Paynes Prairie Sheetflow Restoration Conceptual Plan	Paynes Prairie. Develop conceptual plan and estimate of costs for proposed Paynes Prairie Restoration Project. Project to proceed with approval of all regulatory agencies. Benefits: Provide plan to meet TMDL through cooperative treatment alternatives.	Study	Completed	2007	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – City of Gainesville and GRU	2,112.0	\$29,500	N/A	GRU/ City	Not provided	N/A
City of Gainesville/ GRU	Potential partners include RHP Properties (owners of Brittany Estates MHP), GRU, SJRWMD, DEP	NEW35	Eliminate nutrient load from Brittany Estates WWTF	Brittany Estates Mobile Home Park (5010 Northeast Waldo Rd., Gainesville). Project goal is to explore possibility of partnership with GRU and owner of Brittany Estates to affordably transfer wastewater from community to GRU's	Study	Planned	TBD	N/A	N/A	Newnans Lake Basin	N/A	Not provided	N/A	Not provided	Not provided	N/A

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				Main St. WRF, eliminating use of community's onsite WWTP and its discharge to Little Hatchet Creek. GRU estimated planning-level costs for transfer of wastewater at \$1 million, including new lift station, force main, and connection charges.												
DEP	N/A	NEW08	Ground Water-Surface Water Interaction Study, Newnans Lake	Newnans Lake Watershed. Study examines groundwater pathways through which nutrients enter Newnans Lake. Benefits: Improve understanding of groundwater's role in contributing nutrients to Newnans Lake.	Study	Completed	2008	N/A	N/A	Newnans Lake Basin – DEP	N/A	\$7,500	N/A	Not provided	\$7,500	Not provided
DEP	Not provided	LOCH07	Ground Water - Surface Water Interaction Study Lochloosa Lake Area, Alachua and Marion Counties, Florida	Lochloosa Lake and Orange Lake Watersheds. Study examined groundwater pathways through which nutrients enter Lochloosa Lake and Orange Lake. Field investigations to determine levels of TP and TN in different aquifers associated with land use categories. Radon studies performed to estimate groundwater seepage into Lochloosa Lake. Benefits: Better estimation of groundwater inputs of TP in TMDL models.	Study	Completed	2007	N/A	N/A	Orange Lake and Lochloosa Lake Basins – DEP	N/A	\$64,000	N/A	Federal Funds	\$64,000	N/A
DEP/ ACEPD, City of Gainesville, GRU/ Alachua County Health Dept. (ACHD)	N/A	BACTERIA16	Evaluation of Fecal Coliform Bacteria "Hot Spots" in Gainesville Urban Creeks Addresses Bacteria TMDL	Urban creeks in Orange Creek Basin. Project directed to further investigation of locations in urban creeks with continued high fecal coliform bacteria counts. Part of BMAP implementation to identify sources for continued high fecal	Monitoring/ Data Collection	Completed	Not provided	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins	N/A	Not provided	N/A	Not provided	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				counts. Benefits: Identify and remediate sources of fecal coliform.												
DEP/ SJRWMD/ ACEPD	N/A	NEW18	Depth to Top of Hawthorn Formation Investigation	Newnans Lake Watershed. Boreholes were drilled at 24 locations in watershed to determine depth from land surface to top of Hawthorn Formation. Depth was determined by both physical observation and gamma ray logging. Samples of phosphatic rock were collected for analysis of phosphate content. Hawthorn Formation comprises layers of interbedded phosphatic clays and is hypothesized to be one of sources of TP into Newnans Lake, particularly where formation is close to surface either naturally or by artificial ditching. Mapping of Hawthorn surface provides greater detail of interaction of subsurface geology with activities on land surface.	Study	Completed	2010	N/A	N/A	Newnans Lake Basin – DEP	N/A	\$5,000	N/A	Federal Funds	Not provided	N/A
FDACS	Private Landowners	NUTRIENT06	Cow/Calf BMPs	Marion County primarily; Alachua County. Cow/calf BMP implementation and effectiveness verification. BMP implementation and effectiveness verification will be priority focus for FDACS in basin as result of TMDL Program. Protection of streams and lakes from surface runoff generated by agricultural operations.	Agricultural BMPs	Completed	N/A	Not provided	Not provided	Orange Creek Basin – FDACS	N/A	Not provided	Not provided	General Inspection Trust Fund	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDACS	Private Landowners	NUTRIENT07	Container Nursery BMPs	Marion County primarily; Alachua County. Container nursery BMP implementation and effectiveness verification. BMP manual adopted by FDACS rule. However, number of container nursery operations in basin is minimal. FDACS will evaluate need for BMP enrollment and implementation assurance for container nurseries. Benefits: Protection of streams and lakes from surface runoff generated by agricultural operations.	Agricultural BMPs	Completed	N/A	Not provided	Not provided	Orange Creek Basin – FDACS	N/A	Not provided	Not provided	General Inspection Trust Fund	Not provided	N/A
FDACS	Private Landowners	NUTRIENT08	Sod BMPs	Marion County primarily; Alachua County. Sod operation BMP implementation and effectiveness verification. Sod farm acreage in basin is minimal. FDACS will evaluate need for BMP enrollment and implementation assurance for sod operations. Benefits: Protection of streams and lakes from surface runoff generated by agricultural operations.	Agricultural BMPs	Completed	N/A	Not provided	Not provided	Orange Creek Basin – FDACS	N/A	Not provided	Not provided	General Inspection Trust Fund	Not provided	N/A
FDACS	Private Landowners	OR05	Vegetable and Agronomic Crop BMPs	Marion County primarily; Alachua County. Row crop BMP implementation and effectiveness verification. BMP manual adopted by FDACS rule. However, row crop acreage in basin is minimal. FDACS will evaluate need for BMP enrollment and implementation assurance for row crops. Benefits: Protection of streams and lakes from surface runoff	Agricultural BMPs	Completed	N/A	Not provided	Not provided	Orange Creek Basin – FDACS	N/A	Not provided	Not provided	General Inspection Trust Fund	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				generated by agricultural activities.												
FDACS	Private Landowners	OR06	Equine BMPs	Marion County primarily; Alachua County. Horse farm BMP implementation and effectiveness verification. BMPs and manual under development. BMP implementation and effectiveness verification will be priority focus for FDACS in basin as result of TMDL Program. Benefits: Protection of streams and lakes from surface runoff generated by agricultural activities.	Agricultural BMPs	Completed	N/A	Not provided	Not provided	Orange Creek Basin – FDACS	N/A	Not provided	Not provided	General Inspection Trust Fund	Not provided	N/A
FDACS	Private Landowners	OR07	Specialty Fruit	Alachua County; Marion County. Specialty fruit and nut BMP implementation and effectiveness verification. BMP manual adopted by FDACS rule in May 2011. Acreage in basin may be minimal but increasing. BMP implementation and effectiveness verification will be a priority focus for FDACS in basin as result of TMDL Program. Benefits: Protection of streams and lakes from surface runoff generated by agricultural activities.	Agricultural BMPs	Completed	N/A	Not provided	Not provided	Orange Creek Basin – FDACS	N/A	Not provided	Not provided	General Inspection Trust Fund	Not provided	N/A
FDACS/ Florida Forest Service	Private Landowners	NUTRIENT03	Silviculture BMP Implementation and Compliance	Silviculture lands in Alachua County and Marion County. BMPs for silviculture applied to industrial, public, and private lands. Silviculture BMP implementation and compliance. Silviculture BMPs were established in	Agricultural BMPs	Completed	N/A	Not provided	Not provided	Orange Creek Basin – FDACS	N/A	Not provided	Not provided	General Inspection Trust Fund	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				mid-1970s in response to Clean Water Act and revised most recently in 2008. BMPS are minimum standards for protecting and maintaining water quality during ongoing silviculture activities, including forest fertilization. Ongoing projects include biennial BMP surveys and targeted training. Benefits: Protection of streams and lakes from surface runoff from silviculture activities.												
FDOT District 2	N/A	NEW04	Widening of SR 20 from 2 to 4 Lanes	Eastern urban area of Gainesville and Alachua County. Widening of SR 20 from 2 to 4 lanes with stormwater runoff treatment. Three wet detention ponds installed to treat stormwater runoff along with more than 100 ditch blocks to capture runoff. Benefits: Pollutant removal by treatment of stormwater runoff. No previous treatment.	Wet Detention Pond, Grassed Swales with Swale Blocks or Raised Culverts	Completed	2006	3,665	362	Newnans Lake Basin – FDOT, District 2	355.0	Funded with Project LOCH-04	Not provided	Florida Legislature	Funded with Project LOCH-04	N/A
FDOT District 2	N/A	NEW38	FDOT Fertilizer Cessation-Newnans	State-maintained roadways and rights-of-way. Routine fertilizer use was stopped to reduce nutrient loading in stormwater runoff from state-maintained roadways. Eliminates historical practice of fertilizing 15-ft strip adjacent to paved surface.	Fertilizer Cessation	Completed	N/A	1,285	248	Newnans Lake Basin – FDOT, District 2	59.0	N/A	N/A	Florida Legislature	N/A	N/A
FDOT District 2	N/A	OR22	FDOT Fertilizer Cessation-Orange	State-maintained roadways and rights-of-way. Routine fertilizer use was stopped to reduce nutrient loading in stormwater runoff from state-maintained	Fertilizer Cessation	Completed	N/A	257	54	Orange Lake Basin – FDOT, District 2	11.8	N/A	N/A	Florida Legislature	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				roadways. Eliminates historical practice of fertilizing 15-ft strip adjacent to paved surface.												
FDOT District 2	N/A	FDOT2-LOCH	Education Outreach	Lochloosa Lake state roads and rights-of-way. Education outreach.	Education Efforts	Completed	N/A	102	12	Lochloosa Lake Basin – FDOT District 2	N/A	N/A	Not provided	Florida Legislature	N/A	N/A
FDOT District 2	N/A	FDOT2-NEW	Education Outreach	Newnans Lake state roads and rights-of-way. Education outreach.	Education Efforts	Completed	N/A	19	2	Newnans Lake Basin – FDOT District 2	N/A	N/A	Not provided	Florida Legislature	N/A	N/A
FDOT District 2	N/A	FDOT2-ORANGE	Education Outreach	Orange Lake state roads and rights-of-way. Education outreach.	Education Efforts	Completed	N/A	N/A	1	Orange Lake Basin – FDOT District 2	N/A	N/A	Not provided	Florida Legislature	N/A	N/A
FDOT District 2	N/A	HOG18	Sediment Removal	Northwest 34th St. and University Ave. Removal of excessive sediment at bridges. Construction of 4 sediment sump compartments per management plan. Benefits: Reduces sediment being deposited in Sugarfoot Prairie.	Muck Removal/Restoration Dredging	Completed	2005	Not provided	Not provided	Hogtown Creek Basin – FDOT District 2	N/A	\$2,374,166	\$108,000	Florida Legislature	Not provided	N/A
FDOT District 2	N/A	HOG20	39th Ave Basin Rehabilitation	Northwest 39th Ave. from I-75 to airport. Dry retention pond modified to function as wet detention pond. Design modification needed to address high water table. Benefits: Reduce sediment load and nutrient loads.	Wet Detention Pond	Completed	2004	514	140	Hogtown Creek Basin – FDOT District 2	Not provided	\$1,432,976	Not provided	Florida Legislature	Not provided	N/A
FDOT District 2	N/A	HOG21	Widening of SR 26A	Urban Gainesville Area. Widening of SR 26A with new stormwater runoff treatment. Pollutant removal by treatment of stormwater runoff from SR 26A. Addition of dry detention pond for treatment of stormwater runoff. Road runoff treatment not previously provided. Benefits: Pollutant removal by treatment of	Dry Detention Pond	Completed	2006	63	28	Hogtown Creek Basin – FDOT District 2	15.0	\$3,982,382	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				stormwater runoff from SR 26A. New treatment.												
FDOT District 2	N/A	LOCH04	Widening of SR 20 from 2 Lanes to 4 Lanes	Eastern urban area of Gainesville and Alachua County. Widening of SR 20 from 2- to 4-lane road with stormwater runoff treatment. Three wet detention ponds installed to treat stormwater runoff along with more than 100 ditch blocks to capture runoff. Benefits: Pollutant removal by treatment of stormwater runoff. No previous treatment.	Wet Detention Pond, Grassed Swales with Swale Blocks or Raised Culverts	Completed	2006	3,665	362	Lochloosa Lake Basin – FDOT District 2	355.0	\$10,763,788	Not provided	Florida Legislature	Not provided	N/A
FDOT District 2	N/A	LOCH12	FDOT Fertilizer Cessation-Lochloosa	State-maintained roadways and rights-of-way. Routine fertilizer use was stopped to reduce nutrient loading in stormwater runoff from state-maintained roadways. Eliminates historical practice of fertilizing 15-ft strip adjacent to paved surface.	Fertilizer Cessation	Completed	N/A	4,164	869	Lochloosa Lake Basin – FDOT District 2	189.9	N/A	N/A	Florida Legislature	N/A	N/A
FDOT District 2	N/A	URBAN04-HOG	State Roads Street Sweeping	Urban Area Paynes Prairie Basin. Street sweeping of state roads in urbanized areas that have curb and gutter. Includes US 441, SR 26, SR 20, SR 24, SR 128, SR 222, and SR 121. Areas are swept by City of Gainesville and contract personnel for FDOT. Minimum benchmark sweeping frequency is quarterly. Performance benchmark for debris and sediment collected is 125 tons/yr. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	222	142	Hogtown Creek Basin	N/A	N/A	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT District 2	N/A	URBAN04-NEW	State Roads Street Sweeping	Urban Area Paynes Prairie Basin. Street sweeping of state roads in urbanized areas that have curb and gutter. Includes US 441, SR 26, SR 20, SR 24, SR 128, SR 222, and SR 121. Areas are swept by City of Gainesville and contract personnel for FDOT. Minimum benchmark sweeping frequency is quarterly. Performance benchmark for debris and sediment collected is 125 tons/yr. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	124	79	Newnans Lake Basin	N/A	N/A	Not provided	Florida Legislature	Not provided	N/A
FDOT District 2	N/A	URBAN04-SWT	State Roads Street Sweeping	Urban Area Paynes Prairie Basin. Street sweeping of state roads in urbanized areas that have curb and gutter. Includes US 441, SR 26, SR 20, SR 24, SR 128, SR 222, and SR 121. Areas are swept by City of Gainesville and contract personnel for FDOT. Minimum benchmark sweeping frequency is quarterly. Performance benchmark for debris and sediment collected is 125 tons/yr. Benefits: Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system.	Street Sweeping	Completed	N/A	76	48	Sweetwater Branch Paynes Prairie Alachua Sink Basin	N/A	N/A	Not provided	Florida Legislature	Not provided	N/A
FDOT District 2	Alachua County; City of Gainesville	URBAN11	FDOT Storm Sewer Geodatabase – Alachua County	Alachua County. Maintain comprehensive geodatabase for FDOT-related storm sewer system data in Alachua County. Coordinate with city and county Public	Monitoring/ Data Collection	Completed	N/A	N/A	N/A	Orange Creek Basin – FDOT, District 2	N/A	\$272,375	N/A	Florida Legislature	\$272,375	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Works for data compatibility.												
FDOT District 2	N/A	WAU02	FDOT Fertilizer Cessation-Wauberg	State-maintained roadways and rights-of-way. Routine fertilizer use was stopped to reduce nutrient loading in stormwater runoff from state-maintained roadways. Eliminates historical practice of fertilizing 15-ft strip adjacent to paved surface.	Fertilizer Cessation	Completed	N/A	164	34	Lake Wauberg Basin – FDOT, District 2	7.5	N/A	N/A	Florida Legislature	N/A	N/A
FDOT District 5	N/A	OR26	Fertilizer Cessation	District 5–maintained roads in Orange Creek Basin BMAP limits (SR 200, SR 25). Fertilizer contract cessation that reduced nutrients (nitrogen, phosphorus) from entering Orange Creek Basin. Benefits: Reduce nutrients from fertilizers (nitrogen, phosphorus), through cessation of contracts to distribute fertilizer along state-maintained roadways.	Fertilizer Cessation	Completed	N/A	2,707	2,707	Orange Lake Basin – FDOT, District 5	186.5	N/A	N/A	Florida Legislature	N/A	N/A
FDOT District 5	N/A	OR27	Swales	District 5–maintained roads in Orange Creek Basin BMAP limits (I-75, SR 200, SR 25). Swale systems that capture runoff and enhance infiltration. Benefits: Capture runoff and enhance infiltration, thus reducing pollutant sources and runoff in watershed.	Swale	Completed	Not provided	1,691	227	Orange Lake Basin – FDOT, District 5	842.0	Not provided	Not provided	Florida Legislature	Not provided	N/A
FWC	N/A	AS19	Paynes Prairie Exotic Plant Control	Paynes Prairie. Control of exotic plants, including <i>Triadica sebifera</i> , <i>Melia azedarach</i> , and <i>Colocasia esculenta</i> on 250 ac. Enhance success of native plants.	Exotic Vegetation Removal	Completed	2013	N/A	N/A	Within Paynes Prairie – FWC	250.0	\$15,285	N/A	FWC	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FWC	N/A	LOCH08	Lochloosa Lake Annual Aquatic Plant Maintenance Program	Lochloosa Lake. Annual maintenance program for control of non-native species hydrilla, water hyacinth, wild taro, and water lettuce. Protects native plant communities and reduces organic muck buildup from growth of exotic species.	Exotic Vegetation Removal	Completed	N/A	N/A	N/A	Within Lochloosa Lake – FWC	5,075.0	N/A	\$20,000	FWC/ Integrated Pest Management (IPM) Cooperative Aquatic Plant Management Program	Not provided	N/A
FWC	N/A	LOCH10	Littoral Zone Planting 2009	Lochloosa Lake. Littoral zone planting of 5,000 <i>Paspalidium geminatum</i> and 5,000 <i>Schoenoplectus californicus</i> . Enhance aquatic habitat, stabilize bottom, and reduce resuspension of sediment.	Shoreline Stabilization	Completed	2009	N/A	N/A	Within Lochloosa Lake – FWC	N/A	\$3,750	N/A	FWC	Not provided	N/A
FWC	N/A	LOCH11	Cross Creek Exotic Plant Control	Cross Creek. Removal of exotic trees, including <i>Triadica sebifera</i> . Improve aquatic habitat.	Exotic Vegetation Removal	Completed	2011	N/A	N/A	Lochloosa Lake Basin – FWC	N/A	\$6,082	N/A	FWC	Not provided	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	NEW11	Newnans Lake Planting – FY 2005–06	Newnans Lake east shore, south of Windsor ramp. Transplant 90,000 maidencane, knotgrass and giant bulrush plants (30,000 of each species) in areas where littoral habitat is sparse. Benefits: Promote establishment of beneficial vegetation in areas where habitat is sparse.	Shoreline Stabilization	Completed	2006	N/A	N/A	Within Newnans Lake – FWC	N/A	\$19,500	N/A	FWC	Not provided	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	NEW13	Newnans Lake Herbicide	Newnans Lake east shore, near Windsor ramp. Herbicide control of herbaceous tussocks (pennywort, <i>Scirpus cubensis</i> , cupscale). East shore near Windsor has some of most suitable bottom substrate for sportfish spawning in Newnans Lake. FWC removed dense mats of herbaceous tussock to promote establishment of beneficial SAV and rooted emergent species.	Aquatic Plant Management	Completed	2006	N/A	N/A	Within Newnans Lake – FWC	15.0	\$1,000	N/A	FWC	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Benefits: Improve sportfish habitat and promote establishment of SAV.												
FWC	N/A	NEW24	Littoral Zone Planting 2008	Newnans Lake / Planting of 5,000 <i>Paspalidium geminatum</i> and 3,000 <i>Schoenoplectus californicus</i> .	Shoreline Stabilization	Completed	2008	N/A	N/A	Within Newnans Lake – FWC	N/A	\$3,000	N/A	FWC	Not provided	N/A
FWC	N/A	NEW25	Littoral Zone Planting 2009	Newnans Lake / Planting of 7,500 <i>Paspalidium geminatum</i> .	Shoreline Stabilization	Completed	2009	N/A	N/A	Within Newnans Lake – FWC	N/A	\$2,250	N/A	FWC	Not provided	N/A
FWC	N/A	NEW26	Littoral Zone Planting and Management 2011	Newnans Lake / Planting of 5,000 <i>Paspalidium geminatum</i> and management with herbicide of planting sites for pickerel weed and cupscale tussocks in habitat enhancement areas.	Shoreline Stabilization	Completed	2011	N/A	N/A	Within Newnans Lake – FWC	N/A	\$1,900	N/A	FWC	Not provided	N/A
FWC	N/A	NEW27	Littoral Zone Planting 2012	Newnans Lake / Planting of 6,000 <i>Paspalidium geminatum</i> .	Shoreline Stabilization	Completed	2012	N/A	N/A	Within Newnans Lake – FWC	N/A	\$2,280	N/A	FWC	Not provided	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	OR12	Orange Lake Frog's-Bit Control	Northern sections of Orange Lake. Herbicide control of floating mats of frog's-bit in northern sections of Orange Lake. Benefits: Restore deep marsh habitat.	Exotic Vegetation Removal	Completed	2005	N/A	N/A	Within Orange Lake – FWC	N/A	\$31,500	N/A	FWC	Not provided	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	OR14	Orange Lake Tussock Harvesting	Southeast portion of Orange Lake, Essen Run. Mechanical harvesting of tussocks from Essen Run area of Orange Lake. Harvest 36 ac of tussocks from Orange Lake with upland disposal. Benefits: Restore deep marsh habitat.	Aquatic Vegetation Harvesting	Completed	2005	N/A	N/A	Within Orange Lake – FWC	N/A	\$346,500	N/A	FWC	Not provided	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	OR15	Orange Lake Floating Tussock Control	Orange Lake. Control of floating tussocks by shredding. Provides for restoration of deep marsh habitat, protection of established emergent vegetation, and navigation. Benefits: Improved fish and	Aquatic Vegetation Harvesting	Completed	2005	N/A	N/A	Within Orange Lake – FWC	N/A	\$2,252,000	N/A	DEP Cooperative Aquatic Plant Management Program	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				wildlife habitat and public recreation and navigation.												
FWC	N/A	OR16	Orange Lake Annual Aquatic Plant Maintenance Program	Orange Lake. Annual maintenance program for control of non-native species hydrilla, water hyacinth, wild taro, and water lettuce. Protects native plant communities and reduces organic muck buildup from growth of exotic species.	Exotic Vegetation Removal	Completed	N/A	N/A	N/A	Within Orange Lake – FWC	N/A	N/A	\$30,000	FWC/ IPM Cooperative Aquatic Plant Management Program	Not provided	N/A
FWC	ACEPD/ 2 private landowners	OR17	Cypress Strand Planting	Project located in Essen Run area of Orange Lake. Total of 2,000 wetland trees were planted on 2 sites totaling 3.5 ac to enhance forested wetland structure in area burned during 2001 drought. Total of 1,500 bald cypress, 300 red maple, and 200 Carolina ash in 3-gallon pots were planted. Benefits: Stabilizes shoreline and provides forested wetland fish and wildlife habitat in area that burned during 2001 drought. Also provides vegetated buffer to adjacent upland agricultural area (organic farming operation).	Shoreline Stabilization	Completed	2009	N/A	N/A	Within Orange Lake – FWC	N/A	\$7,109	N/A	FWC, ACEPD and Marion County Provided In-Kind Services	Not provided	N/A
FWC	N/A	OR18	Planting of Wetland Trees	Planting of 175 trees comprising <i>Taxodium distichum</i> , <i>Nyssa sylvatica</i> , and <i>Fraxinus caroliniana</i> in littoral zone. Benefits: Stabilizes shoreline and provides forested wetland fish and wildlife habitat. Also provides vegetated buffer to adjacent upland.	Shoreline Stabilization	Completed	2012	N/A	N/A	Within Orange Lake – FWC	N/A	\$1,225	N/A	FWC	\$1,225	N/A
FWC	N/A	OR19	Exotic Tree Control	Removal of exotic trees from littoral zone, including <i>Triadica sebifera</i> and <i>Melia azedarach</i> . Benefits:	Exotic Vegetation Removal	Completed	2011	N/A	N/A	Within Orange Lake – FWC	N/A	\$6,082	N/A	FWC	\$6,082	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Benefits: Stabilizes shoreline and provides forested wetland fish and wildlife habitat. Also provides vegetated buffer to adjacent upland.												
FWC	Orange Lake Association	OR24	Orange Lake / Cypress Island Shallow/Deep Marsh Restoration	Landowner adjacent to site received cost-share grant from FWS Partners for Wildlife Program to control woody shrub encroachment into herbaceous marsh zone during and extended drawdown.	Aquatic Plant Management	Completed	2016	N/A	N/A	Within Orange Lake – FWC	N/A	\$120,000	N/A	FWC	\$120,000	N/A
FWC	N/A	OR25	Establishing Corridors between Shallow and Deep Marsh for Fish and Wildlife and Public Access	East-West Trail from Heagy Burry to Essen Run and West End of PG Run. Fringing marsh/littoral zone conditions in Orange Lake tend to lack traditional habitat zonation. Upland interface at shoreline typically transitions directly into floating marsh, which may also have dense overstory of woody shrubs. This floating marsh is ubiquitous and extends all out to lake's open water limnetic zone. Densely matted floating vegetation completely occludes surface of water throughout littoral zone, which in turn prevents establishment of beneficial rooted emergent vegetation and SAV, and generally leads to extremely poor DO concentrations in water column. Most aquatic organisms require favorable DO concentrations, and many depend on habitat characteristics provided	Aquatic Plant Management	Completed	2016	N/A	N/A	Within Orange Lake – FWC	N/A	\$108,000	N/A	FWC	\$108,000	N/A

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				by rooted emergent vegetation and SAV to sustain healthy and balanced populations. Project objective is to remove floating vegetation and dense shrub canopies in order to increase area in fringing marsh suitable for establishment of rooted macrophytes, thus improving DO concentrations and connectivity among ecotones from open water to near-shore wetlands of Orange Lake.												
FWC	N/A	OR28	Orange Lake Habitat Enhancement Site Maintenance	Orange Lake – Control excessive plant growth and tussocks at sites where previous habitat enhancement projects have been conducted. Objective is to prevent encroachment of floating marsh/tussocks to maintain predominance of rooted emergent and SAV, thus promoting more favorable DO profile and functional connectivity between limnetic and littoral habitats.	Aquatic Plant Management	Completed	N/A	N/A	N/A	Within Orange Lake – FWC	N/A	\$786,139	N/A	FWC Aquatic Habitat Restoration and Enhancement Subsection Operations Budget	\$786,139	N/A
FWC	N/A	OR29	Orange Lake Woody Shrub Management and Shallow Marsh Reclamation	Orange Lake. Orange Creek Basin Working Group, comprising FWC biologists representing variety of fish and wildlife taxa, has provided recommendations for habitat composition of Orange Lake that are intended to yield suitable conditions for broadest array of fish and wildlife resources. 2013 habitat mapping and GIS analysis indicate that there is deficit of 382 ac	Aquatic Plant Management	Completed	N/A	N/A	N/A	Within Orange Lake – FWC	N/A	\$25,000	N/A	FWC Aquatic Habitat Restoration and Enhancement Subsection Operations Budget	\$25,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				<p>below minimum recommended range for shallow emergent marsh habitat on Orange Lake. Conversely, there is surplus of 1,184 ac of Shrub Swamp, as well as 3,353 ac of floating marsh/tussocks above maximum recommended ranges for lakewide habitat composition. Majority of surplus shrub swamp habitat on Orange Lake coincides with near-shore areas where small woody trees and shrubs (primarily willow and elderberry) have encroached into and displaced shallow emergent marsh communities during periods of severe drought over last 15 yrs. Therefore, reclamation of lost shallow emergent marsh habitat can be achieved by controlling shrub swamp and embedded patches of floating marsh/tussocks from near-shore areas that historically supported herbaceous shallow emergent marsh species. Combination of herbicide and mechanical shredding will be used to manage vegetation at sites identified for habitat conversion. Benefits: Improved DO, improved submersed aquatic habitat diversity, and improved habitat function with regard to connectivity between near-shore wetlands, fringing littoral zone, and open water areas of lake.</p>												

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FWC	N/A	OR30	Orange Creek Basin Littoral Vegetation Mapping	Orange Creek Basin Lakes – Aerial photography and GIS analysis of aquatic vegetation cover in primary basin lakes. FWC collects and analyzes aquatic habitat composition data every 3 yrs to inform management decision-making process. FWC has developed habitat guidelines for management of these resources, and periodic aerial mapping is used to track trends in vegetation cover and assess management needs for optimal fish and wildlife habitat.	Study	Completed	N/A	N/A	N/A	Orange Creek Basin –FWC	N/A	\$75,000	N/A	FWC Aquatic Habitat Restoration and Enhancement Subsection Operations Budget	\$75,000	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	NEW12	Newnans Lake Planting – FY 2006–07	Newnans Lake east shore, south of Windsor ramp. Transplant 20,000 maidencane, 20,000 knotgrass, and 10,000 giant bulrush plants in areas where littoral habitat is sparse. Benefits: Promote establishment of beneficial vegetation in areas where habitat is sparse.	Shoreline Stabilization	Completed	2007	N/A	N/A	Within Newnans Lake – FWC	N/A	\$11,000	N/A	FWC	\$11,000	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	NEW14	Newnans Lake Planting – FY 2007–08	Newnans Lake east shore. Transplant 20,000 maidencane, 30,000 knotgrass, and 20,000 giant bulrush plants in areas where littoral habitat is sparse. Benefits: Promote establishment of beneficial vegetation in areas where habitat is sparse.	Shoreline Stabilization	Completed	2008	N/A	N/A	Within Newnans Lake – FWC	N/A	\$21,000	N/A	FWC	\$21,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FWC	N/A	NEW15	Newnans Lake – Annual Aquatic Plant Maintenance Program	Newnans Lake, Alachua County. Annual maintenance program for control of non-native species hydrilla, water hyacinth, and water lettuce. Plant control is by herbicide application. Benefits: Protects native plant communities and reduces organic muck buildup from growth of exotic species.	Exotic Vegetation Removal	Completed	N/A	N/A	N/A	Within Newnans Lake – FWC	N/A	N/A	\$5,000	FWC/ IPM Cooperative Aquatic Plant Management Program	Not provided	N/A
FWC	N/A	OR11	Orange Lake Mechanical Scraping	Mechanical scraping of muck from selected areas of Orange Lake. Muck disposed of upland or deposited on in-lake island. Benefits: Restore fish spawning substrate.	Muck Removal/ Restoration Dredging	Completed	2002	N/A	N/A	Within Orange Lake – FWC	N/A	\$648,403	N/A	FWC	\$648,403	N/A
FWC	DEP Cooperative Aquatic Plant Management Program	OR13	Orange Lake Tussock Control	Mechanical shredding of tussocks in northern areas of Orange Lake. Mechanically shred acres of tussocks. Benefits: Restore deep marsh habitat.	Aquatic Vegetation Harvesting	Completed	2005	N/A	N/A	Within Orange Lake – FWC	N/A	\$146,057	N/A	FWC	\$146,057	N/A
FWC	Orange Lake Association	OR20	Orange Lake-Essen Run Deep Marsh Restoration	Essen Run/South Orange Lake/ N 29.422437 – W 82.146686. Removal of dense floating vegetation and organic sediment (tussocks) to improve DO and restore deep marsh/ SAV habitat types. Direct removal of nutrients associated with aquatic plants and organic sediment.	Aquatic Vegetation Harvesting	Completed	2016	N/A	N/A	Within Orange Lake – FWC	N/A	\$490,523	N/A	FWC	\$490,523	N/A
FWC	N/A	OR21	Orange Lake-Rookery Island Enhancement	Bird Island, Redbird Island, North Island, Grassy Point. Mechanical shredding of dense floating vegetation and organic sediment (tussocks) from perimeter of colonial wading bird colonies to improve suitability of nesting habitat. Removal of surface matted vegetation	Aquatic Vegetation Harvesting	Completed	2015	N/A	N/A	Within Orange Lake – FWC	N/A	\$205,000	N/A	FWC	\$205,000	N/A

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				facilitates diffusion of atmospheric oxygen into water column and also allows sunlight to penetrate for SAV.												
GRU	SJRWMD	AS03	Main St. WRF Reuse System	Main St. to Depot Ave. within boundaries of City of Gainesville. Design and construction of 4,910-ft, 24-in reclaimed water main from Main St. WRF to Depot Ave. NPDES permit for domestic wastewater discharge Benefits: Wastewater reuse will remove nutrient loading from Alachua Sink.	WWTF Diversion to Reuse	Completed	2002	Not provided	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	N/A	\$587,288	N/A	SJRWMD/ GRU Ratepayers	SJRWMD-\$100,000, GRU-\$487,288	N/A
GRU	N/A	AS11	Alachua Sink Intensive Study and Main St. WRF Water Reuse Feasibility	Alachua Sink/Sweetwater Branch. Intensive water quality study to provide better understanding of nutrient loading to Alachua Sink and evaluation of modeling used in TMDL and to determine reuse feasibility. Benefits: Water quality data collected used in TMDL development.	Monitoring/ Data Collection	Completed	2008	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	N/A	\$565,519	N/A	GRU Ratepayers	\$565,519	N/A
GRU	City of Gainesville/ Alachua County/ FDOT	AS18	Paynes Prairie Sheetflow Restoration Project	Paynes Prairie. Paynes Prairie Sheetflow Restoration. Project is a 125-ac offline wetland that reduces excess nutrients from Sweetwater Branch and achieves TMDL reduction required for city's wastewater and stormwater utilities for Alachua Sink. Benefits: Meet TMDL requirements, rehydrates 1,300 ac of prairie, captures sediments and trash currently flowing to prairie.	Hydrologic Restoration	Completed	2014	125,106	3,359	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	2,130.0	\$23,300,000	\$3,183,286 FY 2015, \$95,785 FY 2016	Stormwater Utility and Wastewater Fees/ Florida Legislature/ SJRWMD/ FDOT/ 319 and TMDL/ FWC/ Recreational Trails	Stormwater Utility and Wastewater Fees – \$16,357,745 Florida Legislature – \$500,000 SJRWMD – \$1,355,869 FDOT – \$666,000 319 and TMDL – \$2,506,270 FWC – \$500,000 Recreational Trails – \$200,001	N/A

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GRU	SJRWMD/ Homeowners	HOG32	Hogtown Creek Improvements	Abandon 2 creekside OSTDS (4029 and 4039 Northwest 8th Ave.) and connect to GRUs sanitary sewer system and reduce fecal coliform and nutrient loading.	Septic Tank Phase Out	Underway	2017	84	37	Hogtown Creek Basin – GRU	N/A	\$32,000	N/A	GRU Connect Free Program/ SJRWMD Cost-Share Program/ Homeowner Contribution	Not provided	N/A
GRU	N/A	NUTRIENT02	Main St. WRF Annual Operation and Maintenance	City of Gainesville. Alachua County. Maintenance to keep both water reclamation facilities in compliance with existing NPDES permit requirements. NPDES permit for domestic wastewater discharge. Maintain compliance with NPDES permit.	Sanitary Sewer and WWTF Maintenance	Completed	N/A	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	N/A	\$75,045,594	N/A	GRU Ratepayers	\$75,045,594	N/A
GRU	N/A	NUTRIENT09	Main St. WRF Phosphorus Removal Chemical Feed System	City of Gainesville. Alachua County. Maintenance to keep both WRFs in compliance with existing NPDES permit requirements. NPDES permit for domestic wastewater discharge. Maintain compliance with NPDES permit.	WWTF Upgrade	Completed	N/A	N/A	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	N/A	\$1,552,879	N/A	GRU Ratepayers	\$1,552,879	N/A
GRU	N/A	AS10	Main St. WRF Future Water Reuse	City of Gainesville. Design, permitting, and construction of upgrades for delivering public access to reclaimed water from Main St. WRF. Includes installation of new reclaimed water pump and high-level disinfection system. Benefits: Wastewater reuse will remove nutrient loading from Alachua Sink.	WWTF Diversion to Reuse	Completed	2007	Not provided	Not provided	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	N/A	\$1,548,000	N/A	GRU Ratepayers	\$1,548,000	N/A
GRU	N/A	AS13	GRU Reclaimed Water Master Plan	City of Gainesville and Alachua County. Strategic planning effort to evaluate future reclaimed water alternatives that will impact options for	Study	Completed	2007	N/A	N/A	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	N/A	\$130,106	N/A	GRU Ratepayers	\$130,106	N/A

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				meeting TMDL. Benefits: Expanded reuse will reduce nutrient loading to Alachua Sink.												
GRU	N/A	AS16	Paynes Prairie Sheetflow Restoration Evaluation of Main St. WRF Upgrades	Paynes Prairie. Evaluate Main St. WRF treatment options and offline wetland performance and sizing in conjunction with proposed Paynes Prairie Sheetflow Restoration Project. Develop preliminary wetland sizing and estimate finished water quality from enhanced offline wetland in conjunction with various Main St. WRF upgrade alternatives. Benefits: Provide plan to meet TMDL through cooperative treatment alternatives.	WWTF Upgrade	Completed	2007	Not provided	64,000	Sweetwater Branch Paynes Prairie Alachua Sink Basin – GRU	N/A	\$2,002,632	N/A	GRU Ratepayers	\$2,002,632	N/A
GRU	N/A	BACTERIA05	Microbial Source Tracking (MST) Study	Gainesville urban creeks in GRU wastewater collection system service area (115 square mi). MST study to better understand the relative contributions of various sources of fecal pollution in creeks. Study applies advanced scientific methods to determine relative contribution of each potential source and identifies locations where human fecal pollution is present or absent. Benefits: Better identification of bacterial contamination sources.	Monitoring/ Data Collection	Completed	2007	N/A	N/A	Tumblin Creek Sweetwater Branch Hogtown Creek Basins – GRU	N/A	\$419,000	N/A	GRU Ratepayers	\$419,000	N/A
GRU	N/A	BACTERIA07	I&I Project – Phases I, II and III/ Ongoing Work	GRU wastewater collection system service area (115 square mi) including urban creek watersheds. I&I Project –	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$4,674,464	Not provided	GRU Ratepayers	\$4,674,464	N/A

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				<p>Phase I, II, and III comprises intensive wastewater collection system integrity testing that uses smoke testing, dye testing, closed-circuit television (CCTV) camera, and visual inspection to identify pipes with I&I problems. Inspection followed by remedial repair of system defects. Phase III concentrated on covering all GRU wastewater service area in Hogtown Creek, Tumblin Creek, and Sweetwater Branch Watersheds. Minimizes possibility of wastewater releases. Benefits: Though no association between background fecal coliform levels and GRU wastewater collection system has been established, decreased probability of any contribution to fecal background levels.</p> <p>***Separation of project areas and benefits not feasible because of complexity and extent of GRU wastewater collection system service area projects.</p>													
GRU	N/A	BACTERIA08	Slip Lining Projects	GRU wastewater collection system service area (115 square mi) including urban creek watersheds. Trenchless restoration of City of Gainesville wastewater collection system through slip lining. Though slip lining has been performed all over Gainesville wastewater service area, major part	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$10,584,678	Not provided	GRU Ratepayers	\$10,584,678	N/A	

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				<p>of work was performed in Tumblin Creek, Sweetwater Branch, and Hogtown Creek Watersheds (>\$1 million). Slip lining minimizes possibility of wastewater releases to creek. Benefits: Though no association between background fecal coliform levels and GRU Wastewater Collection System has been established, decreased probability of any contribution to fecal background levels.</p> <p>***Separation of project areas and benefits not feasible because of complexity and extent of GRU wastewater collection system service area projects.</p>												
GRU	N/A	BACTERIA09	GRU Lift Station Annual Operation and Maintenance	<p>GRU wastewater collection system service area (115 square mi) including urban creek watersheds. Maintenance of City of Gainesville wastewater collection system to maintain system integrity of lift stations. Includes control cabinet replacements, wet well coating, pump replacements, generators, odor control, soft start replacements, and overall lift station upgrades. Benefits: Though no association between background fecal coliform levels and GRU's Wastewater Collection System has been established, decreased probability of</p>	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	Not provided	Not provided	GRU Ratepayers	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				any contribution to fecal background levels. ***Separation of project areas and benefits not feasible because of complexity and extent of GRU wastewater collection system service area projects.												
GRU	N/A	BACTERIA10	GRU Wastewater System Capital Projects	GRU wastewater collection system service area (115 square mi) including urban creek watersheds. Capital improvements to City of Gainesville wastewater treatment and collection system. Includes all capital projects. Projects may include upgrades to force mains and gravity mains with rehabilitation and restoration force main rerouting, collection system integrity testing, ARV replacement, sliplining, lift station abandonment, manhole replacement, service lateral clean out, and miscellaneous repair, WWTF upgrades and expansion. Benefits: Though no association between background fecal coliform levels and GRU's Wastewater Collection System has been established, decreased probability of any contribution to fecal background levels. ***Separation of project areas and benefits not feasible because of complexity and extent of GRU wastewater collection system service area projects.	WWTF Upgrade	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$175,634,681	Not provided	GRU Ratepayers	\$175,634,681	N/A

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GRU	N/A	BACTERIA11	GRU Wastewater Collection System Annual Rehabilitation and Replacement	<p>GRU wastewater collection system service area (115 square mil including urban creek watersheds. Rehabilitation and replacement of City of Gainesville's wastewater collection system to maintain system integrity. Minimizes possibility of wastewater release. Includes rehabilitation and upgrade of existing force mains and gravity mains. Benefits: Though no association between background fecal coliform levels and GRU Wastewater Collection System has been established, a decreased probability of any contribution to fecal background levels.</p> <p>***Separation of project areas and benefits not feasible because of complexity and extent of GRU wastewater collection system service area projects.</p>	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$27,950,162	Not provided	GRU Ratepayers	\$27,950,162	N/A
GRU	N/A	BACTERIA12	GRU Lift Station Rehabilitation and Replacement	<p>GRU wastewater collection system service area (115 square mi) including urban creek watersheds. Rehabilitation and replacement of City of Gainesville wastewater collection system to maintain system integrity. Helps minimize possibility of wastewater release. Includes GRU Lift Station Rehabilitation and Replacement; Upgrades; Abandonment plus extension. Benefits:</p>	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$12,519,563	Not provided	GRU Ratepayers	\$12,519,563	N/A

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				<p>Though no association between background fecal coliform levels and GRU Wastewater Collection System has been established, decreased probability of any contribution to fecal background levels.</p> <p>***Separation of project areas and benefits not feasible because of complexity and extent of GRU wastewater collection system service area projects.</p>												
GRU	N/A	BACTERIA13	GRU Wastewater Collection System Annual Operation and Maintenance	<p>GRU wastewater collection system service area (115 square mi) including urban creek watersheds. GRU Wastewater Collection System Annual Operation and Maintenance to maintain system integrity. Minimizes possibility of wastewater release. Includes rehabilitation and upgrade of existing force mains and gravity mains. Benefits: Though no association between background fecal coliform levels and GRU Wastewater Collection System has been established, decreased probability of any contribution to fecal background levels.</p> <p>***Separation of project areas and benefits not feasible because of complexity and extent of GRU W wastewater W collection system service area projects.</p>	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$28,389,156	Not provided	GRU Ratepayers	\$28,389,156	N/A

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GRU	N/A	BACTERIA14	Water/Wastewater Engineering Dept. Annual O&M Services	GRU wastewater collection system service area (115 square mi) including urban creek watersheds. Water/wastewater Engineering Dept. executes 5-yr scheduling system for initiating and administrating wastewater capital projects. Projects are timed and prioritized to ensure that facilities are available in timely manner to meet demands as needed to correct existing flow deficiencies, meet existing and future demands, maintain or improve system reliability and maintainability, minimize contamination potential, and comply with Florida Statutes, including concurrence requirements. Benefits: Though no association between background fecal coliform levels and GRU wastewater collection system has been established, decreased probability of any contribution to fecal background levels.	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$8,205,591	Not provided	GRU Ratepayers	\$8,205,591	N/A
GRU	N/A	BACTERIA15	GRU Wastewater Collection System Annual Service Lateral Rehabilitation and Replacement	GRU wastewater collection system service area (115 square mil) including urban creek watersheds. Rehabilitation and replacement of City of Gainesville's wastewater collection system to maintain system integrity, specifically service laterals and clean outs. Benefits: Though no	Sanitary Sewer and WWTF Maintenance	Completed	N/A	Not provided	Not provided	Orange Creek Basin – GRU service area	N/A	\$6,023,926	Not provided	GRU Ratepayers	\$6,023,926	N/A

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				<p>association between background fecal coliform levels and GRU's Wastewater Collection System has been established, decreased probability of any contribution to fecal background levels.</p> <p>***Separation of project areas and benefits not feasible because of complexity and extent of GRU wastewater collection system service area projects.</p>												
GRU	N/A	TUM22	Tumblin Creek Pedestal Removal	Tumblin Creek. Removal of abandoned wastewater collection pipe pedestal in Tumblin Creek to reduce bank and bed scour. Benefits: Removal of structure helps to control scouring of bank and bed. Reduces suspended solids in water column.	Sanitary Sewer and WWTF Maintenance	Completed	2005	Not provided	Not provided	Tumblin Creek Basin – GRU	N/A	\$80,000	N/A	GRU Ratepayers	\$80,000	N/A
GRU	N/A	URBAN12	Sanitary Sewer System Geodatabase	Gainesville and environs (GRU service area). Maintain comprehensive geodatabase for all GRU sanitary sewer system data. This includes any geodata acquired from studies related to water quality such as septic tank studies and I&I data.	Study	Completed	Not provided	N/A	N/A	Orange Creek Basin – GRU service area	N/A	Not provided	N/A	GRU Water/Wastewater Engineering O&M Budget	Not provided	N/A

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Marion County	Marion County Planning Dept./ Marion County Extension Service/ Marion County SWCD/ SWFWMD	MARION01	Clean Farms Initiative	Marion County portion of Orange Creek Basin. Clean Farms Initiative was designed to assist Marion County farm owners and managers with implementation of BMPs for animal waste and nutrient management and to recognize them for their cooperative efforts. Initiative was begun by passage of Resolution 04-R-384, by Marion County BOCC. It recognizes importance of agriculture to county's history and economy, while also recognizing need to protect water resources. As part of Initiative, Farm Outreach Coordinator position was created that educates farm owners/mangers on water quality, targeting practices such as manure management and fertilization. Number of farm visits tracked yearly.	Agricultural BMPs	Completed	N/A	N/A	N/A	Orange Lake Basin – Marion County	N/A	\$55,000	N/A	County Clean Water Assessment/ General Revenue/ SWFWMD Grant	Not provided	N/A
Marion County	N/A	MARION02	Marion County Aquifer Vulnerability Assessment (MCAVA)	Marion County Orange Creek Basin. Identification of vulnerable areas of aquifer. Project provides scientifically defensible water resource management and protection tool that will facilitate planning of human activities to help in minimizing adverse impacts on groundwater quality. Aquifer vulnerability maps are displayed in classes of relative vulnerability (one area is more vulnerable than another). Maps benefit local government,	Study	Completed	2007	N/A	N/A	Orange Lake Basin – Marion County	N/A	\$82,850	N/A	County Clean Water Assessment	\$82,850	N/A

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				planners and developers in guiding growth into more appropriate areas (e.g., groundwater recharge areas) and improve site selection for expanding existing or establishing new well fields. Benefits: Identifies areas where aquifer is vulnerable to pollution. Potential for future management of activities in those areas to reduce groundwater pollution.												
Marion County	N/A	MARION03	Street Sweeping of Marion County Roads	Marion County portion of basin. Sweeping of Marion County-maintained roads in Orange Creek Basin. Sweeping of roads with curb and gutter is completed 9 times/yr. Remove debris, sediment, and potential pollutants from streets. Prevent entry into storm sewer system. County currently sweeps 1.7 mi of curb and gutter roads 9 times/yr. Based on average load yield, this is roughly 8.4 cubic yds/yr.	Street Sweeping	Completed	N/A	Not provided	Not provided	Orange Lake Basin – Marion County	N/A	N/A	\$574	County Clean Water Program	Not provided	N/A
Marion County	N/A	MARION04	Orange Creek WMP	Marion County portion of Orange Creek Basin (Orange Lake). WMPs will be completed countywide and are used to identify and address Marion County water quality issues. WMPs include creation and maintenance of comprehensive geodatabase for Marion County storm sewer system data, watershed boundaries, and hydrologic features countywide. WMP for Orange Creek has been	Study	Planned	2021	N/A	N/A	Orange Lake Basin – Marion County	N/A	TBD	N/A	County Clean Water Assessment	TBD	N/A

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				initiated. Digital elevation model, watershed evaluation, modeling parameterization, model development and verification, and floodplain analysis and delineation have been completed. Remaining work, Floodplain Level of Service, Surface Water Resource Assessment Report and Capital Projects Report, is scheduled for FY 2018–19, 2019–20, and 2020–21, respectively.												
Marion County	N/A	MARION05	Education Outreach	Orange Lake Basin. Education outreach activities in Marion County portion of Orange Lake Basin.	Education Efforts	Completed	N/A	N/A	31	Orange Lake Basin – Marion County	N/A	N/A	Not provided	Marion County	Not provided	N/A
Orange Creek Basin Partnership	SJRWMD/ Alachua County/ GRU/ City of Gainesville Public Works/ Paynes Prairie Preserve State Park	AS12	Paynes Prairie Vegetative Study	Paynes Prairie. Study determined if nutrients from Sweetwater Branch were correlated with herbaceous vegetation growth in Paynes Prairie. Benefits: Study documents influence of urban surface water on natural systems.	Study	Completed	2002	N/A	N/A	Paynes Prairie Basin	N/A	\$51,479	N/A	Not provided	Not provided	N/A
SJRWMD	N/A	NEW02	Newnans Lake Conservation Area	Alachua County; land around north and east side of Newnans Lake. Purchase of lands near and around lake for conservation and public use. No increase in surface runoff of pollutants because of land use change. Completed 4,651 ac; 1,500 ac planned.	Land Acquisition	Completed	2001	N/A	N/A	Newnans Lake Basin – SJRWMD	N/A	\$5,727,400	N/A	Preservation 2000	\$5,727,400	N/A
SJRWMD	N/A	NEW31	Harvest of Rough Fish (Gizzard Shad)	Newnans Lake. Harvest of rough fish, largely gizzard shad. Removal of fish helps to export TP load from lake. One yr of 3-yr project completed;	Fish Harvesting	Completed	2010	N/A	N/A	Within Newnans Lake – SJRWMD	N/A	Not provided	N/A	Not provided	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				205,188 lbs of fish removed.												
SJRWMD	N/A	OR01	Development of PLRGs for Orange Lake	Orange Lake Watershed. Development of science-based estimates of nutrient external load reductions needed to restore lakes to state water quality standards. Diagnostic studies, water quality data, and hydrologic models used to estimate target nutrient concentrations to meet water quality standards and nutrient load reductions needed to meet targets and restore water quality. Assist DEP in refining TMDL for Orange Lake.	Study	Planned	TBD	N/A	N/A	Orange Lake Basin – SJRWMD	N/A	\$1,000,000	N/A	SJRWMD Ad Valorem/ Water Management Lands Trust Fund/ Legislative Appropriations/ Ecosystems Management Trust Fund/ SWIM Fund	Not provided	N/A
SJRWMD	N/A	OR31	Prairie Creek Diversion Structure Replacement	Current WCS at Camps Canal regulates flow from Prairie Creek to Paynes Prairie and Orange Lake. It is currently in very poor condition and needs replacement. It is typically left open, but infrequently closed at FDOT's request when US 441 is threatened with flooding. Replacement of structure will allow for opening and closing as needed.	Control Structure	Planned	2019	Not provided	Not provided	Orange Lake Basin – SJRWMD	N/A	\$700,000	Not provided	SJRWMD Ad Valorem/ Amendment 1 Funding	Not provided	N/A
SJRWMD	N/A	LOCH01	Development of PLRGs for Lochloosa Lake	Lochloosa Lake Watershed. Development of science-based estimates of nutrient external load reductions needed to restore lakes to state water quality standards. Diagnostic studies, water quality data, and hydrologic models used to estimate target nutrient concentrations to meet water quality standards	Study	Planned	TBD	N/A	N/A	Lochloosa Lake Basin – SJRWMD	N/A	\$1,000,000	N/A	SJRWMD Ad Valorem/ Water Management Lands Trust Fund/ Legislative Appropriations/ Ecosystems Management Trust Fund/ SWIM Fund	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				and nutrient load reductions needed to meet targets and restore water quality. Assist DEP in developing TMDL.												
SJRWMD	N/A	NEW01	Development of Pollutant Load Reduction Goals (PLRGs) for Newnans Lake	Newnans Lake Watershed. Development of science-based estimates of nutrient (nitrogen and/or phosphorus) external load reductions needed to restore lakes to state water quality standards. Diagnostic studies, water quality data, and hydrologic models used to estimate target nutrient concentrations to meet water quality standards and nutrient load reductions needed to meet targets and restore water quality. Benefits: Assist DEP in refining TMDL for Newnans Lake.	Study	Completed	2009	N/A	N/A	Newnans Lake Basin – SJRWMD	N/A	\$1,000,000	N/A	SJRWMD Ad Valorem/ Water Management Lands Trust Fund/ Legislative Appropriations/ Ecosystems Management Trust Fund/ SWIM Fund	Not provided	N/A
SJRWMD	N/A	NEW10	Spatial Nutrient Loading Dynamics in the Newnans Lake Watershed	Newnans Lake Watershed. Determine external sources of nutrient contributing to Newnans Lake. Data are collected representing spatial and temporal dynamics of nutrient pollutant loads in surface water and groundwater in watershed. Dr. Matt Cohen from UF is in 4th yr of this 4-yr research project. Data provided by study allowed WMD to refine HSPF hydrologic model, and to approach and begin working cooperatively with Gainesville Regional Airport, whose property contributes 7 % of overall TP load to Newnans Lake via Little Hatchett Creek.	Study	Completed	2010	N/A	N/A	Newnans Lake Basin - SJRWMD	N/A	\$219,000	N/A	Legislative Appropriations/ Water Management Lands Trust Fund	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				Benefits: Data will be used to refine hydrologic models of nutrient loading to lakes, critical to PLRG development.												
SJRWMD	Alachua County	OR03	Lochloosa Wildlife Conservation Area	Alachua County; land around Lochloosa Lake and around north side of Orange Lake. Land acquisition for Lochloosa Wildlife Conservation Area. Benefits: No increase in surface runoff of pollutants because of land use change. Completed 28,337 ac; no more planned.	Land Acquisition	Completed	2003	N/A	N/A	Orange Lake Basin – SJRWMD	N/A	\$16,058,211	N/A	SJRWMD Ad Valorem/ Preservation 2000/ Alachua County Cost-Share	Not provided	N/A
SJRWMD	N/A	NEW09	Nutrient Loading Estimation during Storm Event	Newnans Lake and Lochloosa Lake Watersheds. Study measured nutrient loading into Newnans and Lochloosa Lakes via 5 tributaries during storms. Stormwater quality and discharge data were collected from 5 tributaries in both watersheds. Storm loading data provided by study allowed WMD to revise Hydrological Simulation Program – Fortran (HSPF) model, and to approach and begin to work cooperatively with blueberry grower on Newnans Lake whose farm contributes 6 % of overall TP load to Newnans Lake. Benefits: Data will be used to refine hydrologic models of nutrient loading to lakes; critical to PLRG development.	Study	Completed	2008	N/A	N/A	Newnans Lake Basin – SJRWMD	N/A	\$198,100	N/A	Florida Legislature	\$198,100	N/A
Sustainable Alachua County/ DEP/ City of	N/A	OCB01	Community Based Social Marketing Workshop	Orange Creek Basin. 3-day workshop composed of 1-day Introductory Workshop	Education Efforts	Completed	2007	N/A	N/A	Orange Creek Basin	N/A	\$25,000	N/A	EPA Section 319 Federal Funds/ Local Support	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Gainesville/ Alachua County/ GRU				and 2-day Advanced Workshop to teach principles of social marketing and how to foster sustainable behavior. Benefits: Enhance public education and outreach efforts. Also promote organizational structures compatible with sustainability.												

Upper Ocklawaha BMAP

Background

The Upper Ocklawaha River Basin covers 878 square miles and includes the watersheds for Lake Apopka, the Palatlakaha River (Clermont Chain of Lakes), the Harris Chain of Lakes, and Lake Griffin, as well as stream segments that connect the lakes (**Figure C-9**). The basin is located largely in Lake County.

DEP identified the Palatlakaha River (north of SR 50), Lake Apopka, Lake Carlton, Lake Beauclair, Lake Dora, Lake Eustis, Trout Lake, Lake Harris/Little Lake Harris, and Lake Griffin as impaired for TP and adopted TP TMDLs in 2003 for all but Trout Lake which was adopted in 2006. DEP identified Lake Denham, Marshall Lake, Lake Roberts, and Lake Yale as impaired for TP and adopted TP TMDLs in 2017. The focus of restoration efforts in the basin is the reduction and management of TP loading. In Trout Lake, Lake Denham, Marshall Lake, Lake Roberts, and the Palatlakaha River, TN contributes to the problem, and BOD is also identified as a pollutant contributing to the impairment in the Palatlakaha River. The first phase of the Upper Ocklawaha BMAP was adopted in 2007, a second phase that identified priority waterbodies was adopted in July 2014, and a Supplemental Upper Ocklawaha Report that includes allocations for priority waterbodies is proposed for adoption in 2018 to continue the implementation of the TP TMDLs.

Status of Projects

Through December 31, 2017, 316 projects were completed. An additional 15 projects that are underway or planned were added to the BMAP . Allocations are currently being developed for the Upper Ocklawaha BMAP, and nutrient reductions associated with projects will be calculated to align with the allocation methodology. Once this is complete, future reports will contain information about TN and TP reductions in the Upper Ocklawaha BMAP for each impaired waterbody.

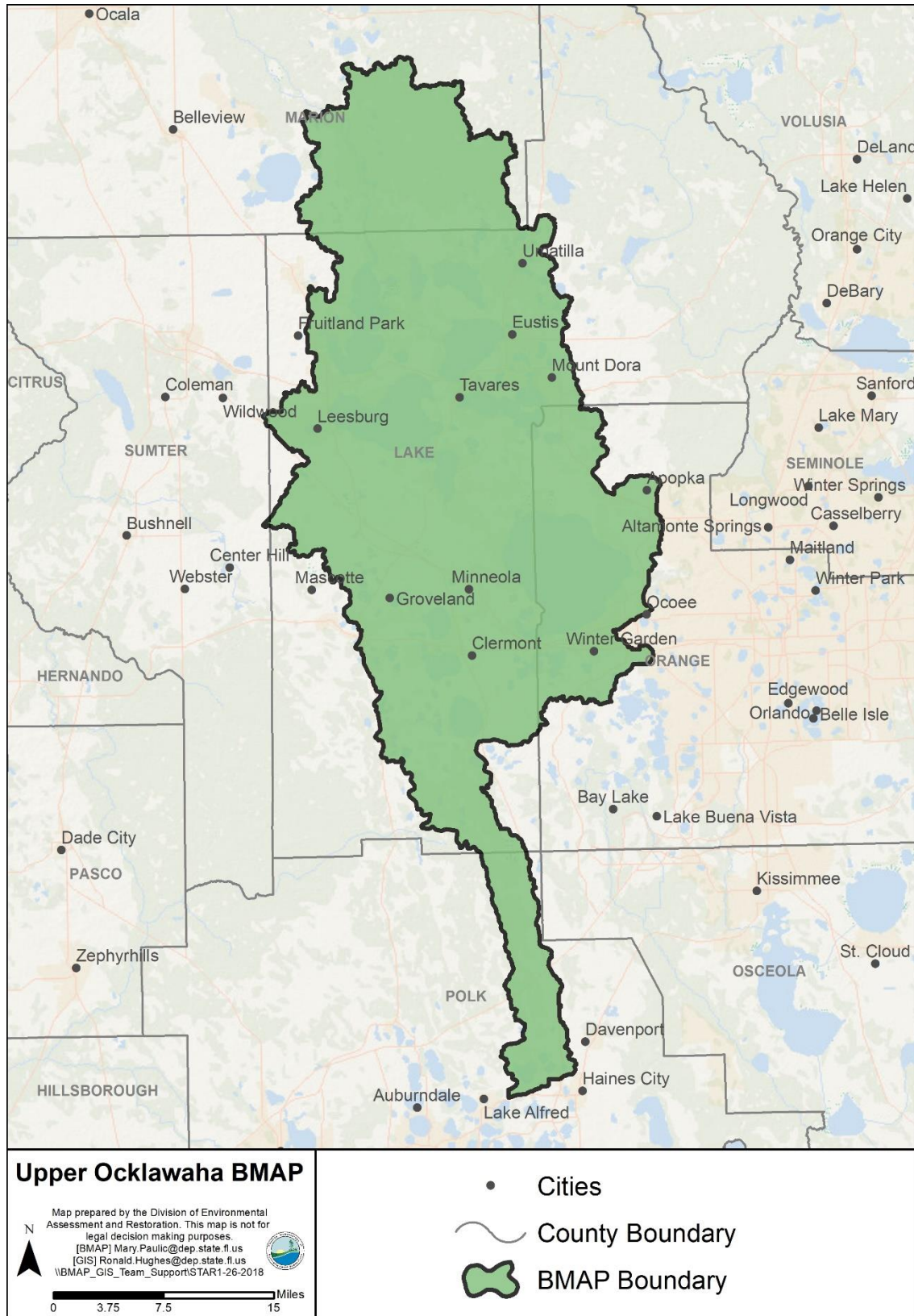


Figure C-19. Upper Ocklawaha BMAP area

Table C-9. Upper Ocklawaha BMAP projects

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Apopka	Not provided	LAP29	Lake Fuller Retention Pond	Runoff from southern Apopka was redirected to 10-ac wet detention pond. Stormwater discharge removed from Lake Fuller. Lake is in Lake Apopka Watershed and indirectly benefits Lake Apopka through reduction of stormwater runoff and loading from watershed.	Wet Detention Pond	Completed	Prior to 2007	N/A	Not provided	Lake Apopka Basin – City of Apopka	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided
City of Apopka	Not provided	APOPKA01	Street Sweeping	Street sweeping to reduce debris and sediment entering Lake Apopka. Street sweeping occurs monthly. Removes sediment and debris from streets that would otherwise contribute potential nutrient loadings to Lake Apopka.	Street Sweeping	Completed	N/A	476	557	Lake Apopka Basin – City of Apopka citywide	N/A	N/A	Not provided	Not provided	Not provided	N/A
City of Apopka	Not provided	APOPKA02	Educational Outreach	Various educational activities that inform and give guidance to citizens on importance of water as resource. Activities included presentations, newspaper articles, handouts, mail outs on topic of water conservation and stormwater runoff. Storm drain stenciling program that engages local volunteers. Informs residents of discharges into surface waters. Indirect benefit to Lake Apopka by reducing pollutant sources and runoff in watershed. Total credit for educational activities is 5.5 %.	Education Efforts	Completed	N/A	N/A	TBD	Lake Apopka Basin – City of Apopka citywide	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Apopka	Not provided	APOPKA03	Stormwater Collection System Maintenance	Maintenance and cleaning of stormwater inlets, ditches, swales, and ponds. Benchmark	BMP Clean Out	Completed	N/A	N/A	Not provided	Lake Apopka Basin – City of Apopka citywide	N/A	N/A	Not provided	Not provided	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				frequency for this routine maintenance is quarterly or as needed. Indirect benefit to Lake Apopka by reducing pollutant sources and runoff in watershed.												
City of Apopka	N/A	LAP48	Harry St. Project	Drainage easement located off Harry St. in Apopka has become dumping ground. City is removing all garbage, debris, and litter; installing new fence to protect retention area; and sodding hill slope to prevent erosion.	BMP Clean Out	Underway	2018	N/A	N/A	Lake Apopka – City of Apopka	N/A	\$22,000	N/A	City Stormwater Service Fees	\$22,000	N/A
City of Apopka	N/A	APOPKA02-MARSHAL	Educational Outreach	Various educational activities that inform and give guidance to citizens on importance of water as resource. Activities included presentations, newspaper articles, handouts, mail outs on topics of water conservation and stormwater runoff. Storm drain stenciling program that engages local volunteers. Informs residents of discharges into surface waters. Indirect benefit to Lake Apopka by reducing pollutant sources and runoff in watershed. Total credit for educational activities is 5.5 %.	Education Efforts	Completed	N/A	N/A	14	Lake Marshall Basin – City of Apopka	N/A	Not provided	Not provided	City	Not provided	N/A
City of Apopka	N/A	TBD	Street Sweeping	1,700 mi in basin to be swept in 2018.	Street Sweeping	Planned	2018	TBD	TBD	Marshall Lake – City of Apopka	N/A	N/A	Not provided	City Stormwater Service Fees	Not provided	N/A
City of Apopka	N/A	TBD	Fertilizer Reduction	City has adopted Orange County Fertilizer Ordinance. Grounds Dept. only fertilizes twice annually instead of quarterly on all city-owned and maintained	Fertilizer Reduction	Underway	N/A	N/A	Not provided	Marshall Lake – City of Apopka	8.0	N/A	N/A	City General Fund	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				(not recreational or sports arena) landscapes.												
City of Apopka	N/A	TBD	MS4 Lake Sampling	6 lakes connected to major outfalls are being sampled monthly. 3 lakes are in Upper Ocklawaha River Basin. This monthly sampling will set baseline of yearly fluctuations in nutrients and parameters. Marshall Lake, monitored under TMDL Program, is sampled quarterly to monitor nutrient loading and parameters.	Monitoring/ Data Collection	Underway	2018	N/A	N/A	Marshall Lake – City of Apopka	N/A	N/A	\$5,000	City Stormwater Service Fees	Not provided	N/A
City of Clermont	LCWA	PAL08	Lake Minnehaha Study and Stormwater Improvements	Lake Minnehaha study and stormwater improvements. Project will involve study followed by design of recommended improvements. Goal is to collect and treat stormwater before it enters lake. Began study June 2004. Disston Ave. infiltration project initiated as result. Lake Minnehaha Drainage Basin: 406.8 ac of land (within city limits).	Study	Completed	Not provided	N/A	N/A	Palatlakaha River Basin – City of Clermont	N/A	\$64,000	N/A	LCWA/ City Stormwater Utility Fees	LCWA Grant – 75% City Stormwater Fees – 25%	N/A
City of Clermont	LCWA	PAL09	Lake Winona Study and Stormwater Improvement	Lake Winona study and stormwater improvements. Project will involve study followed by design of recommended improvements. Goal is to collect and treat stormwater before it enters lake. Began study June 2004. Pond inlet and control structure improvements to provide some nutrient reduction. Lake Winona Drainage Basin: 158.3 ac of land and 89.8 ac of open water and wetlands (within city limits).	Study	Completed	Not provided	N/A	N/A	Palatlakaha River Basin – City of Clermont	N/A	\$40,000	N/A	LCWA/ City Stormwater Utility Fees	LCWA Grant – 75 % City Stormwater Fees – 25 %	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Clermont	LCWA	PAL25	12th St. and Lakeshore Dr. Stormwater Improvements	Project includes removing 3,500 square ft of impervious area subject to vehicular traffic and constructing dry retention pond to treat stormwater discharges from 8.72-ac contributing basin.	Retention BMP	Completed	2014	46	7	Palatlakaha River Basin – City of Clermont	8.7	\$227,000	Not provided	City Stormwater Utility Fees/ LCWA	Not provided	N/A
City of Clermont	LCWA	PAL26	Lake Winona Stormwater Improvements	Proposed project will provide treatment of runoff from 2 subbasins, prior to discharge to Lake Winona using treatment train. Proposed treatment train includes source control (street sweeping), NSBB followed by retention (underground storm chambers at 1 outfall, and dry retention pond at second outfall).	BMP Treatment Train	Completed	2016	11	2	Palatlakaha River Basin – City of Clermont	25.6	\$512,357	Not provided	LCWA/ City Stormwater Utility Fees	Not provided	N/A
City of Clermont	LCWA	PAL27	Disston Ave. Stormwater Improvements	Lake Minnehaha, Disston Ave. south of Minnehaha Ave., Clermont. Project consists of 50 underground concrete chambers that hold stormwater, allowing it to percolate through sand, thus entering lake laterally. Sand serves as filter to remove unwanted nutrients. Underground chambers are preceded by baffle boxes that remove floatables, such as trash, leaves and grass, and sand. Combination of types of underground structures sufficiently cleans stormwater before it enters lake. Types of pollutant loadings targeting existing stormwater discharge on Lake Minnehaha include TP and total suspended solids (TSS). TSS is 1,991 lbs/yr. Project site allows for	BMP Treatment Train	Completed	2011	N/A	8	Palatlakaha River Basin – City of Clermont	11.6	\$442,550	Not provided	LCWA/ City Stormwater Utility Fees	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				implementation of specific BMPs that will provide nutrient uptake and suspended solids settling. Infiltration systems are expected to reduce predicted loadings by 80 %.												
City of Clermont	LCWA/ DEP	PAL29	Victory Pointe	Online wet detention pond.	Wet Detention Pond	Underway	2017	N/A	Not provided	Palatlakaha River Basin – City of Clermont	50.0	\$8,000,000	\$5,000	City/ DEP/ LCWA	Not provided	Not provided
City of Clermont	Not provided	PAL30	Drew Ave. and East Ave.	Proposed Drew Ave. and East Ave. project site is located on east shore of Lake Minnehaha in City of Clermont. Lake Minnehaha receives direct, untreated stormwater discharge from 8.77-ac basin. Project will treat runoff from basin using treatment train. Proposed treatment train includes source control (street sweeping), followed by NSBB, followed by retention. Proposed retention is underground. Treats stormwater before it enters Lake Minnehaha, which discharges to Lake Minneola and downstream Palatlakaha River. Removes 1,116 lbs/yr of TSS. Hydrocarbons absorbed by storm boom.	BMP Treatment Train	Completed	2017	62	8	Palatlakaha River Basin – City of Clermont	8.8	Not provided	Not provided	Not provided	Not provided	Not provided
City of Clermont	N/A	PAL07	Storm Drain Marking	Storm Drain Marking: Signs were placed on all 350 inlets in city with direct discharge to any lake. Discourages dumping of chemicals or other harmful substances in stormwater inlets.	Education Efforts	Completed	2005	N/A	N/A	Palatlakaha River Basin – City of Clermont Citywide	N/A	\$720	N/A	City Stormwater Utility Fees	\$720	N/A
City of Clermont	LCWA	PAL28	12th St. Stormwater Improvements	Removal of pavement and construction of dry retention pond to treat	Retention BMP	Canceled	2015	N/A	N/A	Palatlakaha River Basin -	N/A	\$250,000	N/A	N/A	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				stormwater discharges to Lake Minnehaha.						City of Clermont						
City of Eustis	LCWA/ Lake County	EUSTIS02-DORA	Support of WAV Program	Eustis is partner and financial supporter of WAV Program, which assists city with implementation of educational programs and water quality monitoring to support Eustis's MS4 permit.	Education Efforts	Completed	N/A	N/A	4	Lake Dora Basin – City of Eustis	N/A	Not provided	\$1,250	City Stormwater Utility Fee/ Lake County/ LCWA	Not provided	N/A
City of Eustis	N/A	EUS35	Lakeview Ave. Sewer Line Replacement	Project will replace all damaged sewer lines, removing TN seepage upstream from Lake Eustis.	Sanitary Sewer and WWTF Maintenance	Underway	2016	N/A	N/A	Lake Eustis Basin – City of Eustis	N/A	\$2,800,000	N/A	City	\$2,800,000	N/A
City of Eustis	N/A	EUS36	Woodward Ave.	Project will replace all damaged manhole and sewer lines along street, removing TN seepage upstream from Lake Eustis.	Sanitary Sewer and WWTF Maintenance	Planned	Not provided	N/A	N/A	Lake Eustis Basin – City of Eustis	N/A	Not provided	N/A	City	Not provided	N/A
City of Eustis	LCWA/ DEP	EUS06	Eustis St./ Ward Ave. Stormwater Facility	Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Dry Detention Pond	Completed	2003	399	36	Lake Eustis Basin – City of Eustis	26.5	\$355,550	\$1,300	LCWA, DEP	LCWA – \$177,775 DEP – \$177,775	Not provided
City of Eustis	FDOT	EUS07	Salem St. and Magnolia Ave. Retrofit	Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Dry Detention Pond	Completed	2001	688	63	Lake Eustis Basin – City of Eustis	45.7	\$750,000	\$1,300	FDOT, City	FDOT – \$600,000 City – \$150,000	N/A
City of Eustis	LCWA	EUS08	South Grove St. and Palm Ave. Stormwater Facility	Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Dry Detention Pond	Completed	2002	255	32	Lake Eustis Basin – City of Eustis	24.8	\$114,700	\$1,300	LCWA, City	LCWA – \$56,000 City – \$58,700	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Eustis	N/A	EUS09	Barnes Ave. and Center St. Retrofit	Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Dry Detention Pond	Completed	2003	640	5	Lake Eustis Basin – City of Eustis	3.7	\$100,000	\$1,300	City	Not provided	N/A
City of Eustis	FDOT	EUS10	Stevens Ave. Retrofit	Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Construct new storm sewers. Diverts runoff prior to discharge into Lake Eustis to new detention pond at Stevens Ave. and Donnelly St..	Dry Detention Pond	Completed	2006	447	41	Lake Eustis Basin – City of Eustis	29.7	\$1,065,000	\$1,300	FDOT, City	FDOT – \$990,000 City – \$75,000	N/A
City of Eustis	LCWA	EUS11	Russell Ave. Retrofit	Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Dry Detention Pond	Completed	2004	244	31	Lake Eustis Basin – City of Eustis	23.7	\$150,000	\$1,300	LCWA, City	LCWA – \$75,000 City – \$75,000	N/A
City of Eustis	LCWA	EUS12	Hazzard Ave. Retrofit	Divert stormwater runoff to wet retention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Wet Detention Pond	Completed	2004	68	14	Lake Eustis Basin – City of Eustis	16.5	\$76,539	\$1,300	LCWA/ City	LCWA – \$38,270 City – \$38,270	N/A
City of Eustis	N/A	EUS13	South Grove St. and Steven Ave. Retrofit	Stormwater retrofit; exfiltration trenches.	Exfiltration Trench	Completed	2006	N/A	14	Lake Eustis Basin – City of Eustis	8.0	\$100,000	\$1,300	City Stormwater Utility Fee	Not provided	N/A
City of Eustis	LCWA/ DEP/ SJRWMD	EUS23	South Bay St. and Eustis St. Retrofit	Stormwater retrofit. Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Dry Detention Pond	Completed	2009	N/A	80	Lake Eustis Basin – City of Eustis	42.0	\$650,000	\$1,300	LCWA/ DEP/ SJRWMD	LCWA – \$289,000 DEP – \$155,000 SJRWMD – \$206,001	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Eustis	LCWA/ DEP	EUS24	North Bay St. and Clifford Ave. Retrofit	Stormwater retrofit. Divert stormwater runoff to dry detention pond via storm sewer retrofit for total treatment and storage. Divert stormwater runoff to pond instead of discharging into Lake Eustis.	Dry Detention Pond	Completed	2007	N/A	51	Lake Eustis Basin – City of Eustis	27.0	\$654,500	\$1,300	LCWA/ City of Eustis	LCWA – \$327,250 City – \$327,251	N/A
City of Eustis	LCWA	EUS27	Bates Ave. Pond	2 ponds. South side pond treats Bates and north side from Cardinal.	Wet Detention Pond	Completed	2014	N/A	10	Lake Eustis Basin – City of Eustis	20.4	\$250,236	\$1,300	LCWA/ City of Eustis	LCWA – \$75,119 City – \$175,117	N/A
City of Eustis	SJRWMD/ LCWA/ DEP	EUS28	Downtown Stormwater Master Plan	City Master plan for downtown, including construction of pond off Grove St. and new stormwater lines along SR 19.	Wet Detention Pond	Completed	2012	N/A	45	Lake Eustis Basin – City of Eustis	32.8	\$6,528,473	\$1,300	City/ SJRWMD/ LCWA/ DEP	City – \$2,679,411 SJRWMD – \$477,250 LCWA – \$1,312,605 DEP – \$1,000,000	S0529
City of Eustis	N/A	EUS29	Westmoreland Retrofit	Proposed new stormwater pond for collection on Westmoreland. Modified conveyance system; no pond installed.	Stormwater System Rehabilitation	Canceled	N/A	N/A	N/A	Lake Eustis Basin – City of Eustis	N/A	\$150,000	N/A	N/A	N/A	N/A
City of Eustis	N/A	EUS31	Ardice Ave. – Kurt St. and Ruleme St. Improvements	Storm piping along Ardice Ave. – Kurt St. and Ruleme St. will be constructed and routed to existing retention pond that city will maintain.	Stormwater System Rehabilitation	Underway	2019	N/A	N/A	Lake Eustis Basin – City of Eustis	32.3	\$650,000	N/A	City of Eustis	\$650,000	N/A
City of Eustis	N/A	EUS32	Sewer Master Lift Station Upgrade	Upgrade will include addition of bar screen, fixture replacement, and coating.	WWTF Upgrade	Planned	2018	N/A	N/A	Lake Eustis Basin – City of Eustis	N/A	Not provided	Not provided	City of Eustis	Not provided	N/A
City of Eustis	Florida Food Products, Inc.	EUS33	Florida Food Products (FFP) Inc. for City to Provide Sewage Treatment Services	In attempt to decrease FFP Inc. sprayfield burden, company petitioned city to accept some excess process waters for treatment. City Wastewater Dept. has accepted FFP discharge waters in increasing step-feed manner for testing, analysis, and treatment viability.	Wastewater Service Area Expansion	Completed	2015	TBD	TBD	Lake Eustis Basin – City of Eustis	N/A	Not provided	N/A	FFP	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Eustis	N/A	EUS34	Ferran Park Parking Lot	Parking lot was constructed along with its drainage.	Stormwater System Rehabilitation	Completed	2016	N/A	N/A	Lake Eustis Basin – City of Eustis	0.6	\$350,000	\$1,300	City	Not provided	N/A
City of Eustis	N/A	EUSTIS01-DORA	Street Sweeping and Drainage Maintenance	City, FDOT, and citizen groups sweep streets. Downtown Village streets are swept weekly (52 times/yr). Other streets are swept monthly. Performance benchmark is 1,110 mi of road swept, with 1,587 cubic yds/yr of material removed.	Street Sweeping	Completed	N/A	N/A	0	Lake Eustis Basin – City of Eustis	N/A	N/A	\$58,738	City Stormwater Utility Fee	Not provided	N/A
City of Eustis	N/A	EUSTIS01-EUS	Street Sweeping and Drainage Maintenance	City, FDOT, and citizen groups sweep streets. Downtown Village streets are swept weekly (52 times/yr). Other streets are swept monthly. Performance benchmark is 1,110 mi of road swept, with 1,587 cubic yds/yr of material removed.	Street Sweeping	Completed	N/A	N/A	2	Lake Eustis Basin – City of Eustis	N/A	N/A	\$58,738	City Stormwater Utility Fee	Not provided	N/A
City of Eustis	N/A	EUSTIS01-Trout	Street Sweeping and Drainage Maintenance	City, FDOT, and citizen groups sweep streets. / Downtown Village streets are swept weekly (52 times/yr). Other streets are swept monthly. Performance benchmark is 1,110 mi of road swept, with 1,587 cubic yds/yr of material removed.	Street Sweeping	Completed	N/A	N/A	0	Lake Eustis Basin – City of Eustis	N/A	N/A	\$58,738	City Stormwater Utility Fee	Not provided	N/A
City of Eustis	LCWA/ Lake County	EUSTIS02-EUS	Support of WAV Program	Eustis is partner and financial supporter of WAV Program. WAV assists city with implementation of educational programs and water quality monitoring to support Eustis's MS4 permit.	Education Efforts	Completed	N/A	N/A	42	Lake Eustis Basin – City of Eustis	N/A	Not provided	\$1,250	City Stormwater Utility Fee/ Lake County/ LCWA	Not provided	N/A
City of Eustis	N/A	EUSTIS03	Stormwater Design Rules	Eustis code sec. 115-5. Eustis stormwater rules for new development are more stringent than state or SJRWMD rules. All new development must	Regulations, Ordinances, and Guidelines	Completed	2007	N/A	N/A	Lake Eustis Basin – City of Eustis	N/A	Not provided	Not provided	City	Not provided	N/A

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				provide stormwater treatment meeting city requirements and are subject to review by staff. City staff do field inspections of new construction. Eustis rule has 3 design criteria: 100-, 50-, and 25-yr storm based on geotechnical and soil conditions. SJRWMD only requires 25-yr peak storm flow design criteria. Most development in Eustis requires 50- or 100-yr design criteria.												
City of Eustis	N/A	EUSTIS04	Sewer Line Replacement Idlewilde Dr., Lakeshore Dr., Mary St.	Project will replace all damaged sewer lines, removing TN seepage upstream from Lake Eustis.	Sanitary Sewer and WWTF Maintenance	Completed	2016	N/A	N/A	Lake Eustis Basin – City of Eustis	N/A	\$388,280	Not provided	City	\$388,280	N/A
City of Eustis	N/A	EUSTIS01-YALE	Street Sweeping and Drainage Maintenance	City, FDOT, and citizen groups sweep streets. Downtown Village streets are swept weekly (52 times/yr). Other streets are swept monthly. Performance benchmark is 1,110 mi of road swept, with 1,587 cubic yds of material removed annually.	Street Sweeping	Completed	N/A	N/A	2	Lake Yale Basin – City of Eustis	N/A	N/A	\$58,738	City Stormwater Utility Fee	Not provided	N/A
City of Eustis	LCWA/ Lake County	EUSTIS02-Yale	Support of WAV Program	Eustis is partner and financial supporter of WAV Program. WAV provides assistance to city with implementation of educational programs and water quality monitoring to support Eustis's MS4 permit.	Education Efforts	Completed	N/A	N/A	14	Lake Yale Basin – City of Eustis	N/A	Not provided	\$1,250	City Stormwater Utility Fee/ Lake County/ LCWA	Not provided	N/A
City of Eustis	LCWA/ Lake County	EUSTIS02-TROUT	Support of WAV Program	Eustis is partner and financial supporter of WAV Program. WAV provides assistance to city with implementation of educational programs and water quality monitoring to support Eustis's MS4 permit.	Education Efforts	Completed	N/A	N/A	14	Trout Lake Basin – City of Eustis	N/A	Not provided	\$1,250	City Stormwater Utility Fee/ Lake County/ LCWA	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Fruitland Park	City of Leesburg	FRUITLANDP01	Street Sweeping	Annual sweeping of city-maintained streets to remove dirt, vegetation, and debris.	Street Sweeping	Completed	N/A	N/A	Not provided	Lake Griffin Basin – Town of Fruitland Park	N/A	N/A	Not provided	City of Leesburg	Not provided	N/A
City of Fruitland Park	N/A	FRUITLANDP02	Fruitland Park NPDES Permit Education and Outreach	Landscaping, irrigation, fertilizer, and pet waste ordinances. City of Fruitland Park uses consultant for education and outreach. Activities include PSAs in cooperation with City of Leesburg and SJRWMD, distribution of pamphlets, educational website, illicit discharge inspection and education program, utility bill inserts, and informational displays for proper irrigation techniques and landscape management.	Education Efforts	Completed	N/A	N/A	8	Lake Griffin Basin – Town of Fruitland Park	N/A	Not provided	Not provided	City	Not provided	N/A
City of Groveland	N/A	GROVE01	Street Sweeping	Sweeping of city-maintained streets to remove dirt, vegetation, and debris. Benchmark frequency for sweeping is once every 30 days or as needed.	Street Sweeping	Completed	N/A	24	15	Palatlakaha River Basin – City of Groveland	N/A	N/A	\$19,890	City	Not provided	N/A
City of Groveland	N/A	GROVE02	Education and Outreach Activities	Pamphlets and website provide information to local residents. Adopted landscaping, irrigation and fertilizer application ordinances.	Education Efforts	Completed	N/A	N/A	8	Palatlakaha River Basin – City of Groveland	N/A	Not provided	Not provided	City	Not provided	N/A
City of Groveland	Developer	PAL11	Septic Tank Prohibition	No septic tanks permitted in Green Swamp or on new development sites in Groveland. Addresses groundwater protection.	Regulations, Ordinances, and Guidelines	Completed	2007	N/A	N/A	Palatlakaha River Basin – City of Groveland	N/A	Not provided	Not provided	Developer as Part of Site Development Process	Not provided	N/A
City of Groveland	Developer	PAL12	Green Swamp Additional Stormwater Runoff Retention	3 in of runoff to be retained in most effective recharge areas in Green Swamp Area of Critical State Concern (ACSC). Addresses groundwater and surface water protection.	Regulations, Ordinances, and Guidelines	Completed	2004	N/A	N/A	Palatlakaha River Basin – City of Groveland	N/A	Not provided	Not provided	Developer as Part of Site Development Process	Not provided	N/A

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City of Groveland	N/A	PAL13	Stormwater Study and Stormwater Master Plan	Stormwater study and development of master plan for older parts of city.	Study	Completed	2006	N/A	N/A	Palatlakaha River Basin – City of Groveland	N/A	\$150,000	N/A	City of Groveland Community Redevelopment Agency/ Possible Grants.	Not provided	N/A
City of Groveland	Homeowners	PAL22	Septic Tank Comprehensive Plan	Septic tanks in Green Swamp are required to be pumped every 5 yrs. Comprehensive plan addresses groundwater and surface water protection.	Regulations, Ordinances, and Guidelines	Completed	2007	N/A	N/A	Palatlakaha River Basin – City of Groveland	N/A	Not provided	Not provided	Homeowners	Not provided	N/A
City of Leesburg	N/A	LEESBURG01	Street Sweeping	Sweeping of city-maintained streets to remove dirt, vegetation, and debris. Benchmark frequency is monthly, covering 170 mi of pavement each month. Performance benchmark for removal is 50 cubic yds. of debris collected and disposed of monthly.	Street Sweeping	Completed	N/A	N/A	Not provided	City of Leesburg Citywide	N/A	N/A	\$125,000	City Stormwater Utility Fee	Not provided	N/A
City of Leesburg	N/A	LEESBURG02-DEN	Education and Outreach Activities	PSAs on Lakefront TV, pamphlets, website, illicit connection reporting. City adopted ordinances for landscaping, fertilizer application, and pet waste management. Student and adult education programs.	Education Efforts	Completed	N/A	N/A	14	Lake Denham – City of Leesburg	N/A	Not provided	Not provided	City Stormwater Utility Fee	Not provided	N/A
City of Leesburg	N/A	LEESBURG02-EUS	Education and Outreach Activities	PSAs on Lakefront TV, pamphlets, website, illicit connection reporting. City adopted ordinances for landscaping, fertilizer application, and pet waste management. Student and adult education programs.	Education Efforts	Completed	N/A	N/A	5	Lake Eustis Basin – City of Leesburg	N/A	Not provided	Not provided	City Stormwater Utility Fee	Not provided	N/A
City of Leesburg	LCWA	GRIF08	Canal St. Retrofit	Stormwater retrofit; construct 2.4-ac pond.	Not provided	Completed	2009	N/A	7	Lake Griffin Basin – City of Leesburg	30.0	\$200,000	Not provided	City/ LCWA	City – \$150,000 LCWA – \$50,001	N/A
City of Leesburg	LCWA	GRIF10	Whispering Pines Regional Stormwater Retrofit	Stormwater retrofit. Construction of wet detention pond with littoral shelf on 4.7-ac site. Expected 66 % reduction in TP.	Wet Detention Pond	Completed	2009	N/A	130	Lake Griffin Basin – City of Leesburg	132.0	\$1,500,000	Not provided	City/ LCWA	City – \$750,000 LCWA – \$750,000	N/A

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City of Leesburg	SJRWMD	GRIF23	Lake Griffin Water Quality Improvement Project at Canal St. WWTP	Sediment box.	Baffle Box	Completed	2007	N/A	Not provided	Lake Griffin Basin – City of Leesburg	Not provided	\$150,000	Not provided	SJRWMD Grant/ City Stormwater Utility Fee	Not provided	N/A
City of Leesburg	N/A	GRIF29	Lake Griffin Stormwater Improvements	Proposed stormwater treatment facility will be wet detention pond located on city-owned land between US Hwy. 441 at RoMac Lumber. Stormwater Pond; 2.7-ac wet detention pond with wetland.	Wet Detention Pond, Wetland Treatment	Planned	Not provided	N/A	36	Lake Griffin Basin – City of Leesburg	42.1	\$440,000	Not provided	City Stormwater Utility Fee	\$440,000	N/A
City of Leesburg	N/A	GRIF30	Oak Terrace Dr. Detention	1.0-ac wet detention pond.	Wet Detention Pond	Planned	2019	N/A	30	Lake Griffin Basin – City of Leesburg	26.9	\$360,000	Not provided	City Stormwater Utility Fee	\$360,000	N/A
City of Leesburg	Not provided	GRIF31	Birchwood Phase 2 and 3	Removing open ditch and enclosing pipes.	Stormwater System Rehabilitation	Planned	Not provided	N/A	N/A	Lake Griffin Basin – City of Leesburg	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Leesburg	Not provided	GRIF32	Public Works	Baffle box.	Baffle Box	Completed	Not provided	N/A	Not provided	Lake Griffin Basin – City of Leesburg	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided
City of Leesburg	N/A	LEESBURG02-GRIF	Education and Outreach Activities	PSAs on Lakefront TV, pamphlets, website, illicit connection reporting. City-adopted ordinances for, landscaping, fertilizer application, and pet waste management. Student and adult education programs.	Education Efforts	Completed	N/A	N/A	31	Lake Griffin Basin – City of Leesburg	N/A	Not provided	Not provided	City Stormwater Utility Fee	Not provided	N/A
City of Leesburg	LCWA	HAR01	Lakeshore Dr. Stormwater Project	Stormwater wet detention pond. Removes nutrient loading from Venetian Canals and Lake Harris. Near Venetian Gardens Canals – East Dixie Ave., Leesburg.	Wet Detention Pond	Completed	2003	N/A	2	Lake Harris Basin – City of Leesburg	25.0	\$185,756	Not provided	City/ LCWA/ Florida Legislature	City – \$64,086 LCWA – \$64,086, Legislature – \$57,584	N/A
City of Leesburg	SJRWMD/ DEP	HAR17	Lake Harris Water Quality Improvement Project at Venetian Gardens	Nutrient-reducing baffle box to remove pollutants.	Baffle Box	Completed	2008	N/A	Not provided	Lake Harris Basin – City of Leesburg	44.0	\$167,000	Not provided	319 Grant/ SJRWMD Grant/ City Stormwater Utility Fee	Not provided	Not provided
City of Leesburg	LCWA	HAR19	Heritage Estates Stormwater Improvement	Former CSX vacated rail. Dry retention swale system, treatment train approach with Type 2 baffle box at main inflow to swales.	BMP Treatment Train	Planned	Not provided	N/A	20	Lake Harris Basin – City of Leesburg	46.4	\$351,000	Not provided	City Stormwater Utility Fee/ Grants and Cost-Shares/ LCWA Grant	Not provided	Not provided

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City of Leesburg	Not provided	HAR20	Pine St. Stormwater Pond	0.89-ac dry detention pond.	Dry Detention Pond	Planned	Not provided	N/A	15	Lake Harris Basin – City of Leesburg	13.5	\$343,000	Not provided	City Stormwater Utility Fee/ Grants and Cost-Share	Not provided	Not provided
City of Leesburg	Not provided	HAR25	PoBoys	Removing open ditch and enclosing pipes located at Hwy. 27 and South St.	Stormwater System Rehabilitation	Underway	Not provided	N/A	N/A	Lake Harris Basin – City of Leesburg	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Leesburg	Not provided	HAR26	Palm Harbour Court	Redirecting flow and adding storage capacity of ditch system.	Stormwater System Rehabilitation	Underway	Not provided	N/A	N/A	Lake Harris Basin – City of Leesburg	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Leesburg	N/A	LEESBURG02-HAR	Education and Outreach Activities	PSAs on Lakefront TV, pamphlets, website, illicit connection reporting. City-adopted ordinances for, landscaping, fertilizer application, and pet waste management. Student and adult education programs.	Education Efforts	Completed	N/A	N/A	75	Lake Harris Basin – City of Leesburg	N/A	Not provided	Not provided	City Stormwater Utility Fee	Not provided	N/A
City of Leesburg	N/A	LEESBURG02-PAL	Education and Outreach Activities	PSAs on Lakefront TV, pamphlets, website, illicit connection reporting. City-adopted ordinances for, landscaping, fertilizer application, and pet waste management. Student and adult education programs.	Education Efforts	Completed	N/A	N/A	5	Palatlahaha River Basin – City of Leesburg	N/A	Not provided	Not provided	City Stormwater Utility Fee	Not provided	N/A
City of Minneola	N/A	PAL18	Disston Ave. and Bike Trail	Installation of piping, catch basins, sidewalk replacement, driveway repair, relocated existing water lines needed for existing stormwater pond in Forrest Subdivision. Improvements to existing stormwater treatment system that will better protect water resources.	Stormwater System Rehabilitation	Completed	Not provided	N/A	Not provided	Palatlahaha River Basin – City of Minneola	Not provided	\$80,133	Not provided	City Stormwater Fund	\$80,133	N/A
City of Minneola	DEP	PAL19	The Crescent	Installation of new curb and gutter, road surface, new inlet basin, and sod as improvements for existing pond. Improvements to existing stormwater treatment system to better protect water resources.	Stormwater System Rehabilitation	Completed	Not provided	N/A	Not provided	Palatlahaha River Basin – City of Minneola	Not provided	\$740,000	Not provided	DEP	Not provided	Not provided
City of Minneola	N/A	PAL20	Firestone/ WaterFord Landing	Install piping, manholes, open and repair road, and concrete flume as part of	Stormwater System Rehabilitation	Completed	Not provided	N/A	N/A	Palatlahaha River Basin –	N/A	\$91,077	Not provided	City Stormwater Fund	\$91,077	N/A

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				improvements for existing pond.						City of Minneola						
City of Minneola	N/A	MINN01	Education Outreach	Implement MS4 permit outreach requirements for 1 % credit.	Education Efforts	Underway	N/A	N/A	1	Palatlakaha River Basin – City of Minneola	N/A	Not provided	Not provided	City Stormwater Fund	Not provided	N/A
City of Minneola	N/A	MINN02	Inlet Clean Out and Street Sweeping	Street sweeping and inlet clean out. Removes sediments and debris from streets and prevents their entry into lakes.	Street Sweeping	Underway	Not provided	N/A	2	Palatlakaha River Basin – City of Minneola	N/A	N/A	Not provided	City Stormwater Fund	Not provided	N/A
City of Mt. Dora	Lake County Public Works	DORA16	Lake Gertrude Outfall Improvements	Proposed improvements to Lake Gertrude outfall. Lake Gertrude is tributary discharge to Lake Dora. Lake County and Mt. Dora have interlocal agreement to authorize project.	Control Structure	Canceled	N/A	N/A	N/A	Lake Dora Basin – City of Mt. Dora	N/A	\$635,000	N/A	N/A	N/A	N/A
City of Mt. Dora	Lake County Public Works	DORA17	Lake John – Dogwood Mountain Retrofit	Interlocal agreement between city and county Public Works.	Not provided	Completed	2008	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	\$1,203,771	Not provided	City, Lake County	City – \$698, 461 Lake County – \$505,310	N/A
City of Mt. Dora	Not provided	DORA19	NSBB – Gilbert Park	NSBB installed at stormwater discharge culvert. Box removes trash and organic debris in top basket and captures sediment in series of baffle beneath basket.	Baffle Box – 2nd Generation	Completed	2008	N/A	2	Lake Dora Basin – City of Mt. Dora	15.0	\$54,035	Not provided	Not provided	Not provided	Not provided
City of Mt. Dora	LCWA	DORA21	10 Grate Inlet Skimmer Boxes	10 grate inlet skimmer boxes to be installed in complex to remove sand and debris from paved areas.	Baffle Box – 1st Generation	Completed	2009	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	2.0	\$10,050	Not provided	City, LCWA	City – \$5,025 LCWA – \$5,025	N/A
City of Mt. Dora	LCWA	DORA22	NSBB at 4th Ave and Lakefront	Installed Suntree 2nd-generation NSBB at 4th Ave. at lakefront on Lake Dora. System removes sand and debris from stormwater runoff before entering Lake Dora. Erosion blocks installed at outfall. Public education sign with removal tally placed next to unit.	Baffle Box – 2nd Generation	Completed	2009	N/A	6	Lake Dora Basin – City of Mt. Dora	13.4	\$69,061	Not provided	City, LCWA	City – \$34,531 LCWA – \$34,531	N/A
City of Mt. Dora	LCWA	DORA23	Flexstorm Inlet Filters	Installed Flexstorm Inlet Filters into curb inlets in downtown area. Filters capture gross pollutants,	Catch Basin Inserts/Inlet Filter Clean Out	Completed	2010	N/A	15	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	City, LCWA	City – 50 %, LCWA – 50 %	N/A

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				leaves, trash, debris, and some sand.												
City of Mt. Dora	LCWA	DORA24	NSBB at Grandview St. and Johns St.	Installed Suntime NSBB at corner of Grandview St. and Johns St. System removes sand and debris from stormwater runoff before entering Lake Dora. System includes upflow filter to remove dissolved nutrients. Public education sign with removal tally placed next to unit.	Baffle Box – 2nd Generation	Completed	2012	N/A	5	Lake Dora Basin – City of Mt. Dora	106.0	\$140,125	Not provided	City, LCWA	City – \$90,004 LCWA – \$50,121	N/A
City of Mt. Dora	LCWA	DORA25	NSBB at 5th Ave and Rossiter St.	Installed Suntime NSBB at corner of 5th Ave. and Rossiter St. System removes sand and debris from stormwater runoff before entering Lake Franklin. System includes upflow filter to remove dissolved nutrients. Public education sign with removal tally placed next to unit.	Baffle Box – 2nd Generation	Completed	2012	N/A	6	Lake Dora Basin – City of Mt. Dora	115.0	\$124,168	Not provided	City/ LCWA	City – \$67,873 LCWA – \$56,295	N/A
City of Mt. Dora	LCWA	DORA26	StormX Gross Pollutant Traps	City – StormX gross pollutant traps were installed at discharge point of 3 stormwater pipelines. Traps are large, heavy mesh bags that capture leaves, trash, debris, and some sand.	Catch Basin Inserts/Inlet Filter Clean Out	Completed	2012	N/A	6	Lake Dora Basin – City of Mt. Dora	Not provided	\$19,025	Not provided	City/ LCWA	City – \$9,511 LCWA – \$9,513	N/A
City of Mt. Dora	Lake County	DORA27	CDS Unit at Lake Dora Rd.	Installed CDS unit at Lake Dora Rd. System removes sand and debris from stormwater runoff before entering Lake Dora.	CDS Unit	Completed	Not provided	N/A	4	Lake Dora Basin – City of Mt. Dora	64.0	Not provided	Not provided	Lake County Public Works	Not provided	N/A
City of Mt. Dora	LCWA	DORA28	NSBB at 4th Ave and Donnelly St.	Installed Suntime 2nd-generation NSBB at 4th Ave. and Donnelly St. System removes sand and debris from stormwater runoff before entering Lake Dora.	Baffle Box – 2nd Generation	Completed	Prior to 2014	N/A	2	Lake Dora Basin – City of Mt. Dora	25.0	\$88,100	Not provided	City/ LCWA	City – \$44,050 LCWA – \$44,050	N/A
City of Mt. Dora	LCWA	DORA29	NSBB at 3rd Ave. and McDonald St.	Installed Suntime 2nd-generation NSBB at 3rd Ave. and McDonald St.	Baffle Box – 2nd Generation	Completed	2012	N/A	5	Lake Dora Basin – City of Mt. Dora	5.2	\$45,090	Not provided	City/ LCWA	City – \$22,545 LCWA – \$22,545	N/A

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				System removes sand and debris from stormwater runoff before entering Lake Dora.												
City of Mt. Dora	LCWA	DORA30	CDS Unit at Charles St.	Installed CDS unit at Charles St. System removes sand and debris from stormwater runoff before entering Lake Dora.	CDS Unit	Completed	Prior to 2014	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	2.5	\$71,000	Not provided	City/ LCWA	City – \$35,500 LCWA – \$35,500	N/A
City of Mt. Dora	LCWA	DORA31	CDS Unit at Old Eustis Rd. and Overlook Rd.	Installed CDS unit at Old Eustis Rd. and Overlook Rd. System removes sand and debris from stormwater runoff before entering Lake Gertrude.	CDS Unit	Completed	Prior to 2014	N/A	1	Lake Dora Basin – City of Mt. Dora	8.5	\$71,000	Not provided	City/ LCWA	City – \$35,500 LCWA – \$35,501	N/A
City of Mt. Dora	LCWA	DORA32	Underground Stormwater Treatment System at 6th Ave. and Baker St.	Installation of underground stormwater treatment system as part of 7th Ave. stormwater project. Offline stormwater treatment system located in Donnelly Park under tennis court and event area.	Offline Retention BMP	Underway	Not provided	N/A	20	Lake Dora Basin – City of Mt. Dora	33.4	\$150,000	Not provided	City/ LCWA	City – \$51,000 LCWA – \$49,500	N/A
City of Mt. Dora	N/A	DORA33	S. Johns St. StormTech Installation	Installed StormTech system with 2 50 LF rows with "Isolator Row" for maintenance. Regraded and paved road to improve drainage.	Retention BMP	Completed	2011	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	2.0	\$10,000	Not provided	City	City – \$10,000	N/A
City of Mt. Dora	N/A	DORA35	City of Mt. Dora MS4 System	Citywide catch basin and pipeline cleaning program.	BMP Clean Out	Completed	N/A	N/A	82	Lake Dora Basin – City of Mt. Dora	N/A	N/A	Not provided	City	Not provided	N/A
City of Mt. Dora	Not provided	DORA36	Exfiltration System at McDonald St. and 5th Ave. Parking Lot	Installed exfiltration system with perforated CMP to reduce TP loading in stormwater.	Exfiltration Trench	Completed	Not provided	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided
City of Mt. Dora	Developer	DORA37	Exfiltration System at Suntrust Bank	City of Mt. Dora on 5th Ave. between Tremain and Baker Sts. Installed exfiltration system with perforated CMP to reduce TP loading in stormwater.	Exfiltration Trench	Completed	Prior to 2014	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	Developer – Private (Suntrust).	Not provided	N/A
City of Mt. Dora	Developer	DORA38	Exfiltration System at Medical Office	City of Mt. Dora on southeast corner of Baker St. and 4th Ave. Privately	Exfiltration Trench	Completed	Prior to 2014	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	Developer – Private	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				installed exfiltration system with perforated CMP to reduce TP loading in stormwater.										(Medical Office).		
City of Mt. Dora	N/A	DORA39	Exfiltration System 3rd Ave. and Donnelly St. Parking Lot	City of Mt. Dora northeast corner of 3rd Ave. and Donnelly St. parking lot. Installed exfiltration system with perforated CMP to reduce TP loading in stormwater.	Exfiltration Trench	Completed	Prior to 2014	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	City	Not provided	N/A
City of Mt. Dora	N/A	DORA40	StormTech Chambers Highland and Liberty St. Parking Lot	City of Mt. Dora parking lot at intersection of Highland and Liberty St. (west side of Highland). Installed Stormtech chambers (infiltration system) to reduce TP loading in stormwater through filtering.	Retention BMP	Completed	Prior to 2014	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	City	Not provided	N/A
City of Mt. Dora	N/A	DORA41	StormTech Chambers at East Side of Highland and Liberty St.	City of Mt. Dora at intersection of Highland and Liberty St. (east side). Installed Stormtech chambers (infiltration system) to reduce TP loading in stormwater through filtering.	Retention BMP	Completed	Prior to 2014	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	City	Not provided	N/A
City of Mt. Dora	Developer	DORA42	StormTech Chamber at 13th and Annie St.	City of Mt. Dora at corner of West 13th St. and Annie St. Installed 125- by 75-ft Stormtech chamber (infiltration system) to reduce TP loading in stormwater through filtering.	Retention BMP	Completed	Prior to 2014	N/A	Not provided	Lake Dora Basin – City of Mt. Dora	Not provided	Not provided	Not provided	Developer – Private (Christian Home and Bible School).	Not provided	N/A
City of Mt. Dora	N/A	MTDORA01	Street Sweeping	Citywide street sweeping program via contractor using mechanical sweeper. Removes sediments and debris from streets and prevents their entry into lakes. Benchmark frequency is entire city swept 15 times/yr with a performance goal of 1,500+ cubic yds/yr of debris collected.	Street Sweeping	Completed	N/A	N/A	685	Lake Dora Basin – City of Mt. Dora	N/A	N/A	\$50,578	City	Not provided	N/A

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City of Mt. Dora	N/A	MTDORA02	Education Outreach	Education outreach meeting requirements of MS4 permit.	Education Efforts	Completed	N/A	N/A	4	Lake Dora Basin – City of Mt. Dora	N/A	Not provided	Not provided	City	Not provided	N/A
City of Mt. Dora	N/A	DORA20	NSBB Retrofit	NSBB retrofit into existing junction box at stormwater discharge into Lake Gertrude. Box removes trash and organic debris in top basket and captures sediment in series of baffle beneath basket. Project is not in basin – 0 reductions from project.	Baffle Box – 2nd Generation	Completed	2009	N/A	0	Outside Lake Dora Basin – City of Mt. Dora	2.5	\$7,400	Not provided	City	\$7,400	N/A
City of Ocoee	Orange County CBDG Program/ DEP	LAP25	Pioneer Key Regional Stormwater Project	Pioneer Key Mobile Home Park. Regional stormwater improvements with water quality enhancements. Construction of regional wet detention stormwater treatment pond. Reduce pollutant loading to Lake Apopka. Project Completed in two phases. Pioneer Key RSF funded by DEP. Additional work will include reconstruction of roadways, install storm sewers, sanitary sewer, potable water, and sidewalks within road right-of-way. Second phase of construction to Pioneer Key II Mobile Home Park funded by Orange CBDG.	Wet Detention Pond	Completed	2006	102	62	Lake Apopka Basin – City of Ocoee	124.0	\$2,500,000	Not provided	City/ Private Property Owner/ Orange County CBDG/ DEP	City and private property owner – \$1,682,500 Orange County CBDG – 817,500, DEP – \$900,000	N/A
City of Ocoee	Developer	LAP39	Ocoee Crown Point Subdivision	Retention BMPs.	Retention BMP	Completed	2017	N/A	N/A	Lake Apopka Basin – City of Ocoee	N/A	N/A	N/A	N/A	N/A	N/A
City of Ocoee	Developer	LAP40	Renaissance Charter School	Retention BMPs at West Rd., Ocoee.	Retention BMP	Completed	2017	N/A	N/A	Lake Apopka Basin – City of Ocoee	N/A	N/A	N/A	N/A	N/A	N/A
City of Ocoee	Developer	LAP41	Arbors at Crown Point Subdivision	Retention BMPs at Fountain Rd. – West Rd.	Retention BMP	Completed	2017	N/A	N/A	Lake Apopka Basin – City of Ocoee	N/A	N/A	N/A	N/A	N/A	N/A
City of Ocoee	Developer	LAP42	Crown Pointe Cove Subdivision	Retention BMPs at West Rd. and Ocoee-Apopka Rd.	Retention BMP	Completed	2017	N/A	N/A	Lake Apopka Basin – City of Ocoee	N/A	N/A	N/A	N/A	N/A	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
City of Ocoee	Developer	LAP43	Eagles Creek Subdivision	Retention BMPs at Ocoee-Apopka Rd. and Fullers Cross Rd.	Retention BMP	Completed	2017	N/A	N/A	Lake Apopka Basin – City of Ocoee	N/A	N/A	N/A	N/A	N/A	N/A
City of Ocoee	Not provided	OCOEE01	Street Sweeping	Sweeping of city-maintained streets to remove dirt, vegetation, and debris. City removes 987 tons of debris annually with reduction of 670 lbs/yr TP and 1,045 lbs/yr TN. Per Northwest Watershed area that drains to Lake Apopka, 30 % of loading should be accounted for Lake Apopka.	Street Sweeping	Completed	N/A	313	201	Lake Apopka Basin – City of Ocoee citywide	N/A	N/A	Not provided	Not provided	Not provided	N/A
City of Tavares	LCWA	DORA02	Tavares Stormwater Retrofit	Downtown Tavares. Reduce sediment input to Lake Dora.	Baffle Box	Completed	2004	N/A	Not provided	Lake Dora Basin – City of Tavares	3.6	\$60,000	Not provided	City/ LCWA/ Florida Legislature	City – \$20,700 LCWA – \$20,700 Legislature – \$18,600	N/A
City of Tavares	N/A	Tavares02-DORA	Baffle Boxes	Baffle boxes have been placed in many of direct stormwater discharges into these lakes.	Baffle Box	Completed	Not provided	N/A	252	Lake Dora Basin – City of Tavares	Not provided	Not provided	Not provided	City	Not provided	N/A
City of Tavares	DEP/ LCWA	Tavares04-DORA	City of Tavares Downtown Community Redevelopment Area (CRA) Area A Stormwater Improvements Treatment Pond	Project proposes construction of stormwater interceptor to divert stormwater from city's Downtown CRA into new wet detention pond, thus eliminating several direct outfalls into Lake Dora. Water quality benefits to Lake Dora include sediment/TP/TN loading reductions. Located in Lake County (Sections: 29,32; Township: 19S; Range: 26E).	Wet Detention Pond	Underway	TBD	518	104	Lake Dora Basin – City of Tavares	84.6	\$1,734,000	Not provided	Clean Water SRF/ Section 319(h) in combination with Florida Legislature Funds/ TMDL/ LCWA	Not provided	Not provided
City of Tavares	N/A	Tavares01-DORA	Street Sweeping	Citywide street sweeping program. Removes sediment and debris from streets that would otherwise contribute potential nutrient loadings to Lakes Dora and Eustis. Benchmark frequency for sweeping is quarterly or as needed.	Street Sweeping	Completed	N/A	N/A	88	Lake Dora Basin – City of Tavares citywide	N/A	N/A	Not provided	City	Not provided	N/A

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City of Tavares	N/A	Tavares03-DORA	Education and Outreach Activities	Pamphlets, website, illicit connection reporting. City adopted irrigation ordinance and has several FFL displays.	Education Efforts	Completed	N/A	N/A	6	Lake Dora Basin – City of Tavares citywide	N/A	Not provided	Not provided	City	Not provided	N/A
City of Tavares	LCWA	EUS05	Stormwater Retrofit	North Tavares. Sediment and debris collection box; baffle box.	Baffle Box	Completed	2004	N/A	Not provided	Lake Eustis Basin – City of Tavares	20.0	\$30,000	Not provided	City/LCWA/ Florida Legislature	City – \$10,350 LCWA – \$10,350 Legislature – \$9,300	N/A
City of Tavares	N/A	Tavares02-EUS	Baffle Boxes	Baffle boxes have been placed in many of direct stormwater discharges into lakes.	Baffle Box	Completed	Not provided	N/A	84	Lake Eustis Basin – City of Tavares	Not provided	Not provided	Not provided	City	Not provided	N/A
City of Tavares	N/A	Tavares01-EUS	Street Sweeping	Citywide street sweeping program. Removes sediment and debris from streets that would otherwise contribute potential nutrient loadings to Lakes Dora and Eustis. Benchmark frequency for sweeping is quarterly or as needed.	Street Sweeping	Completed	N/A	N/A	215	Lake Eustis Basin – City of Tavares citywide	N/A	N/A	Not provided	City	Not provided	N/A
City of Tavares	N/A	Tavares03-EUS	Education and Outreach Activities	Pamphlets, website, illicit connection reporting. City adopted irrigation ordinance and has several FFL displays.	Education Efforts	Completed	N/A	N/A	9	Lake Eustis Basin – City of Tavares citywide	N/A	Not provided	Not provided	City	Not provided	N/A
City of Tavares	N/A	Tavares01-HAR	Street Sweeping	Citywide street sweeping program. Removes sediment and debris from streets that would otherwise contribute nutrient loadings to Lakes Dora and Eustis. Benchmark frequency for sweeping is quarterly or as needed.	Street Sweeping	Completed	N/A	N/A	10	Lake Harris Basin – City of Tavares citywide	N/A	N/A	Not provided	City	Not provided	N/A
City of Tavares	N/A	Tavares03-HAR	Education and Outreach Activities	Pamphlets, website, illicit connection reporting. City adopted irrigation ordinance and has several FFL displays.	Education Efforts	Completed	N/A	N/A	8	Lake Harris Basin – City of Tavares citywide	N/A	Not provided	Not provided	City	Not provided	N/A
City of Umatilla	DEP/ Lake County/ LCWA	YALE04-YALE	Lake Yale Priority for Reuse	Lake Yale priority for reuse.	Reclaimed Water	Completed	2015	N/A	Not provided	Lake Yale Basin – City of Umatilla	N/A	\$2,905,000	Not provided	City/ DEP 319 Grant/ LCWA Grant/ Lake County	LCWA – \$36,575	Not provided
City of Umatilla	N/A	UMATILLA03-YALE	Street Sweeping	Monthly sweeping of city-maintained streets to	Street Sweeping	Completed	N/A	N/A	6	Lake Yale Basin – City of	N/A	N/A	\$9,600	City	Not provided	N/A

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				remove dirt, vegetation, and debris.						Umatilla citywide						
City of Umatilla	N/A	UMATILLA05-YALE	Public Education	Public education and participation program for residents of Umatilla to enhance knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement.	Education Efforts	Completed	N/A	N/A	3	Lake Yale Basin – City of Umatilla citywide	N/A	Not provided	\$7,500	City	Not provided	N/A
City of Umatilla	LCWA	UMATILLA04	Master Stormwater Management Plan	Stormwater master plan.	Study	Completed	2013	N/A	N/A	Trout Lake and Lake Yale Basins – City of Umatilla	N/A	\$24,000	N/A	City/ LCWA	City – \$12,000 LCWA – \$12,000	N/A
City of Umatilla	DEP	EUS30	Orange Ave. Retrofit	Lake Bracy Watershed in Umatilla. Addition of catch basins and stormwater pond addition and enlargement.	Not provided	Completed	2013	N/A	19	Trout Lake Basin – City of Umatilla	23.3	\$1,644,427	Not provided	City/ 319 Grant	Not provided	Not provided
City of Umatilla	SJRWMD	TROUT03	Trowell Ave. Baffle Boxes	Lake Umatilla Watershed. Installation of 2 baffle boxes at edge of Lake Umatilla to catch sediment carried in stormwater before it enters Lake Umatilla. Lake Umatilla does not discharge into Trout Lake. Hicks Ditch discharges into Lake Umatilla. Funding for project was supplied by CBDG obtained with assistance of SJRWMD.	Baffle Box	Completed	Prior to 2007	N/A	Not provided	Trout Lake Basin – City of Umatilla	Not provided	Not provided	Not provided	SJRWMD	Not provided	N/A
City of Umatilla	FEMA	TROUT04	Kentucky Ave. Retention Pond	Kentucky Ave. – Lake Umatilla Watershed. Retention pond located on Kentucky Ave. will reduce stormwater inputs into Lake Umatilla. Lake Umatilla no longer drains to Trout Lake. Hicks Ditch discharges to Lake Umatilla.	Retention BMP	Completed	Prior to 2007	N/A	Not provided	Trout Lake Basin – City of Umatilla	Not provided	\$1,468,320	Not provided	FEMA – El Niño Grant	Not provided	N/A
City of Umatilla	N/A	UMATILLA01	Green Space Ordinance	Umatilla Land Development Regulations, Chapter 6, Zoning District Regulations require that new development in	Regulations, Ordinances, and Guidelines	Completed	Prior to 2007	N/A	N/A	Trout Lake Basin – City of Umatilla	N/A	Not provided	Not provided	City	Not provided	N/A

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				Umatilla must set aside 25 % of area as green space.												
City of Umatilla	N/A	UMATILLA02	Stormwater Development Ordinance	Umatilla Code of Ordinances, Subdivision Regulation (k) Storm Drainage 19-53. All new development in Umatilla is required to retain stormwater runoff on site.	Regulations, Ordinances, and Guidelines	Completed	Prior to 2007	N/A	N/A	Trout Lake Basin – City of Umatilla	N/A	Not provided	Not provided	City	Not provided	N/A
City of Umatilla	N/A	UMATILLA03-TROUT	Street Sweeping	Monthly sweeping of city-maintained streets to remove dirt, vegetation, and debris.	Street Sweeping	Completed	N/A	N/A	87	Trout Lake Basin – City of Umatilla	N/A	N/A	\$9,600	City	Not provided	N/A
City of Umatilla	DEP/ Lake County/ LCWA	YALE04-TROUT	Trout Lake Priority for Reuse	Trout Lake priority for reuse.	Reclaimed Water	Canceled	N/A	N/A	N/A	Trout Lake Basin – City of Umatilla	N/A	\$2,905,000	N/A	N/A	N/A	N/A
City of Umatilla	N/A	UMATILLA05-TROUT	Public Education	Public education and participation program for residents of Umatilla to enhance knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement.	Education Efforts	Completed	N/A	N/A	10	Trout Lake Basin – City of Umatilla citywide	N/A	Not provided	\$7,500	City	Not provided	N/A
City of Wildwood	Not provided	WILDWOOD01	Education and Outreach Activities	Education and outreach activities.	Education Efforts	Completed	N/A	N/A	0	Lake Harris Basin- City of Wildwood	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
City of Winter Garden	N/A	LAP34	Dillard St. Pond Expansion	Project is part of permitting process for new City Hall in Winter Garden. Modify stormwater system adjacent to pond to treat previously untreated runoff.	Not provided	Completed	Not provided	N/A	Not provided	Lake Apopka Basin – City of Winter Garden	Not provided	\$246,000	Not provided	City	Not provided	Not provided
City of Winter Garden	N/A	LAP35	Plant St.	Project involves widening Plant St., including blowing out intersection of West Crown Point Rd. in Winter Garden; no stormwater treatment for this section of road prior to widening.	Not provided	Completed	Not provided	N/A	Not provided	Lake Apopka Basin – City of Winter Garden	Not provided	\$2,000,000	Not provided	City	Not provided	Not provided
City of Winter Garden	SJRWMD/ DEP	LAP49	Stormwater Capture and Reuse and Recharge	Treatment of untreated stormwater with recharge to aquifer. Berming of 2 direct discharge canals to Lake Apopka and treat	Stormwater Reuse	Underway	2018	TBD	TBD	Lake Apopka Basin – City of Winter Garden	980.0	\$3,360,000	Not provided	City/ DEP/ SJRWMD	City – \$1,860,000, DEP – \$750,000 SJRWMD – \$750,000	28432

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				stormwater to reuse standards to be put into distribution system. Project also includes recharge of aquifer with reclaimed water.												
City of Winter Garden	N/A	WNTRGAR01	Street Sweeping	Sweeping of city-maintained streets to remove dirt, vegetation, and debris. Benchmark frequency for sweeping is quarterly or as needed. Performance benchmark is 4,355 mi of pavement swept with 312 cubic tons of debris collected annually.	Street Sweeping	Completed	N/A	1,688	TBD	Lake Apopka Basin – City of Winter Garden citywide	N/A	N/A	Not provided	City	Not provided	N/A
City of Winter Garden	N/A	LAP47	Avalon and Tilden Rds. Improvement Project	Roadway improvements including dry retention of roadway runoff in swales with ditch blocks. Swales with blocks or raised culverts	Retention BMP	Completed	Not provided	N/A	0	Lake Apopka Basin -City of Winter Garden	9.3	Not provided	Not provided	City	Not provided	Not provided
City of Winter Garden	N/A	WNTRGAR02-ROB	Education and outreach in Lake Roberts Basin	Education outreach credit of 6 %.	Education Efforts	Completed	N/A	N/A	2	Lake Roberts Basin – City of Winter Garden	N/A	Not provided	Not provided	City	Not provided	Not provided
DEP	LCWA	GRIF12	Lake Griffin State Park Retrofit	Wet detention pond. No increase in TP load with road improvement.	Wet Detention Pond	Completed	2004	N/A	11	Lake Griffin Basin – DEP	Not provided	\$82,535	Not provided	DEP, LCWA	DEP – \$41,268 LCWA – \$41,268	Not provided
FDACS	City of Eustis	TROUT08	Trout Lake HWTT System	HWTT system will remove TN and TP loading to Hicks Ditch and Trout Lake. In dry season will also be used to treat water in a canal connected will treat Trout Lake water. Eustis receives 199 lbs-TP/yr of credit, and FDACS receives 2,015 lbs-TP/yr of credit.	HWTT	Completed	2017	23,946	2,214	Trout Lake Watershed – City of Eustis	N/A	\$3,000,000	Not provided	City of Eustis provided land/ FDACS provided remaining project funding	Not provided	N/A
FDACS	Private Landowners	NUTRIENT05	Statewide Cow/Calf BMP Manual Development and Implementation	Development and rule adoption of manual addressing BMPs for cows and calves.	Agricultural BMPs	Completed	Prior to 2007	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT06	Statewide Equine BMP Manual Development and Implementation	Development and rule adoption of manual addressing BMPs for horse management.	Agricultural BMPs	Completed	Prior to 2007	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A

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				Management of agricultural runoff reduces nutrient loadings.												
FDACS	Private Landowners	NUTRIENT07	Statewide BMP Manual for Container Grown Plants	Revision and adoption of manual addressing BMPs for container-grown plants. Management of agricultural runoff reduces nutrient loadings.	Agricultural BMPs	Completed	Prior to 2007	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT08	Statewide Sod Operations BMP Manual	Development and rule adoption of manual addressing BMPs for sod operations. Reduce nutrient loadings in runoff from agricultural operations.	Agricultural BMPs	Completed	Prior to 2007	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT13	Statewide BMP Manual for Dairy Operations	Development and rule adoption of manual addressing BMPs for fruit and nut production.	Agricultural BMPs	Completed	2016	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT14	Statewide Cow/Calf BMP Manual Development and Implementation	Development and rule adoption of manual addressing BMPs for cows and calves.	Agricultural BMPs	Completed	2016	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT15	Statewide Equine BMP Manual Development and Implementation	Development and rule adoption of manual addressing BMPs for horse management. Management of agricultural runoff reduces nutrient loadings.	Agricultural BMPs	Completed	2016	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT16	Statewide Nurseries	Revision and adoption of manual addressing BMPs for container grown plants. Management of agricultural runoff reduces nutrient loadings.	Agricultural BMPs	Completed	2016	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT17	Statewide Vegetable and Agronomic Crops	Revision and adoption of manual addressing BMPs for vegetable and agronomic crops. Management of agricultural runoff reduces nutrient loadings.	Agricultural BMPs	Completed	2016	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT18	Statewide Sod Operations BMP Manual	Development and rule adoption of manual addressing BMPs for sod operations.	Agricultural BMPs	Completed	2016	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A

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FDACS	Private Landowners	NUTRIENT19	Sod Farm Operations	Reduce nutrient loadings from sod farm operations.	Agricultural BMPs	Completed	N/A	N/A	N/A	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT20	BMP Enrollment	Agricultural acreage covered by BMP Notice of Intent (NOI) increased by 1,322.87 ac during reporting period.	Agricultural BMPs	Completed	N/A	TBD	TBD	Upper Ocklawaha Basin	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT09	Silviculture BMP Implementation and Compliance	BMPs for silviculture applied to industrial, public, and private lands. Silviculture BMP implementation and compliance.	Agricultural BMPs	Completed	N/A	N/A	N/A	Upper Ocklawaha Basin silviculture lands	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT10	Statewide BMP Manual for In-ground Nurseries	Development and rule adoption of manual addressing BMPs for in-ground nurseries. Management of agricultural runoff reduces nutrient loadings.	Agricultural BMPs	Completed	Prior to 2007	N/A	N/A	Upper Ocklawaha Basin silviculture lands	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT11	Statewide BMP Manual for Specialty Fruit and Nut Crops	Development and rule adoption of manual addressing BMPs for fruit and nut production. Management of agricultural runoff reduces nutrient loadings.	Agricultural BMPs	Completed	2013	N/A	N/A	Upper Ocklawaha Basin silviculture lands	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT12	Statewide BMP Manual for Citrus	Development and rule adoption of manual addressing BMPs for citrus. Management of agricultural runoff reduces nutrient loadings.	Agricultural BMPs	Completed	2013	N/A	N/A	Upper Ocklawaha Basin silviculture lands	N/A	Not provided	Not provided	Not provided	Not provided	N/A
FDACS	Private Landowners	NUTRIENT01	Ridge Citrus BMP Implementation and Compliance	Replaced with statewide citrus manual.	Agricultural BMPs	Canceled	N/A	N/A	N/A	Upper Ocklawaha Basinwide	N/A	N/A	N/A	N/A	N/A	N/A
FDOT District 5	N/A	LAP14	SR-50 – Basin G	SR 50 from west of Hancock Rd. to East of Turnpike – Basin G. Wet Pond Detention.	Wet Detention Pond	Completed	Not provided	N/A	3	Lake Apopka Basin – FDOT, District 5	15.1	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	LAP15	SR-50 – Basin H	SR 50 from west of Hancock Rd. to East of Turnpike -Basin H. Wet detention pond. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	13	Lake Apopka Basin – FDOT, District 5	18.1	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	LAP16	SR-50 – Basin I	SR 50 from west of Hancock Rd. to East of	Dry Detention Pond	Completed	Not provided	N/A	0	Lake Apopka Basin –	37.9	Not provided	Not provided	Florida Legislature	Not provided	N/A

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				Turnpike -Basin I. Dry Detention Pond. No increase in TP load with road improvement.						FDOT, District 5						
FDOT District 5	N/A	LAP30	SR 50 – Basin 1 (L-4)	SR 50 from west of Avalon Rd. to SR 429 (410983-1) – Basin 1 (L-4). Wet detention pond. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	12	Lake Apopka Basin – FDOT District 5	24.4	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	LAP31	SR 50 – Basin 2 (L-7)	SR 50 from West of Avalon Rd. to SR 429 (410983-1) – Basin 2 (L-7). Wet detention pond. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	16	Lake Apopka Basin – FDOT District 5	25.4	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	LAP32	SR 50 – Basin 3 (M-10/11)	SR 50 from west of Avalon Rd. to SR 429 (410983-1) – Basin 3 (M-10/11). Wet detention pond. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	27	Lake Apopka Basin – FDOT District 5	37.9	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	LAP33	SR 50 – Basin 4 (N-2)	SR 50 from west of Avalon Rd. to SR 429 (410983-1) – Basin 4 (N-2). Wet detention pond. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	2	Lake Apopka Basin – FDOT District 5	11.2	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	LAP36	FM:239535-2	SR 50. Add lanes from east ramps of Turnpike to Avalon Rd., and wet detention ponds A and B providing treatment for runoff from existing and proposed pavement.	Wet Detention Pond	Completed	Not provided	N/A	7	Lake Apopka Basin – FDOT District 5	10.9	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	LAP37	FM: 409870-1	Add lanes from US Hwy. 441 to SR 44, dry retention pond 100, and wet detention pond 200 providing treatment for runoff generated from existing and new pavement.	Wet Detention Pond, Retention BMP	Canceled	N/A	N/A	N/A	Lake Apopka Basin – FDOT District 5	N/A	N/A	N/A	N/A	N/A	N/A
FDOT District 5	N/A	DOT01-LAP	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways (US Hwy. 27, US Hwy. 441, SR 44, SR 19, SR 50).	Street Sweeping	Completed	N/A	82	53	Lake Apopka Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT District 5	N/A	DOT03-LAP	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway system (US Hwy. 27, US Hwy. 441, SR 44, SR 19, SR 50).	Fertilizer Cessation	Completed	N/A	2,607	2,607	Lake Apopka Basin – FDOT District 5 maintained roads	179.6	N/A	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT01-CARL	FDOT -Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	0	0	Lake Carlton Basin – FDOT District 5	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT02-CARL	FDOT Swale Maintenance	Removal of debris and sediment from state-maintained roadways	BMP Clean Out	Completed	N/A	3	0	Lake Carlton Basin – FDOT District 5	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT03-CARL	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway system.	Fertilizer Cessation	Completed	N/A	206	206	Lake Carlton Basin – FDOT District 5	14.2	N/A	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT04-CARL	Education and Outreach Activities	Informational pamphlets and illicit discharge notification.	Education Efforts	Completed	N/A	N/A	0	Lake Carlton Basin – FDOT District 5	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DORA04	SR 500 US Hwy. 441 – Basin 300A	US Hwy. 441 from Lake Eustis Dr. to CR 44B Basin 300A. Exfiltration trench. No increase in TP with road improvement.	Exfiltration Trench	Completed	2007	N/A	3	Lake Dora Basin – FDOT District 5	2.5	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DORA05	SR 500/US Hwy. 441 – Basins 300 A, B, C, D	US Hwy. 441 from Lake Eustis Dr. to CR 44B – Basin 300A, B, C, and D. Lakes Saunders and Woodward.	Not provided	Completed	2007	N/A	11	Lake Dora Basin – FDOT District 5	11.0	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DORA09	SR 19 in Tavares – System I	SR 19 from 1.9 mi south of US 441 to US 441 – System I (Basins 1-4). Wet detention pond.	Wet Detention Pond	Completed	Prior to 2007	N/A	2	Lake Dora Basin – FDOT District 5	86.2	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DORA10	SR 19 in Tavares – System II	SR 19 from 1.9 mi south of US Hwy. 441 to US Hwy. 441 – System II (Basins 1 and 2). Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Prior to 2007	N/A	1	Lake Dora Basin – FDOT District 5	25.6	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DORA11	SR 19 in Tavares – System III	SR 19 from 1.9 mi south of US Hwy. 441 to US 441 – System III (Basins 1 and 2). Wet pond detention. No increase in	Wet Detention Pond	Completed	Prior to 2007	N/A	8	Lake Dora Basin – FDOT District 5	32.2	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				TP load with road improvement.												
FDOT District 5	N/A	DOT01-DORA	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	50	32	Lake Dora Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT03-DORA	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway system.	Fertilizer Cessation	Completed	N/A	96	96	Lake Dora Basin – FDOT District 5 maintained roads	6.6	N/A	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT04-DORA	Education and Outreach Activities	Informational pamphlets and illicit discharge notification.	Education Efforts	Completed	N/A	N/A	0	Lake Dora Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS14	SR 500/ US Hwy. 441 – Basin A	US Hwy. 441 from 0.2 mi west of Lake Shore Blvd. to Lake Eustis Dr. – Basin A. Wet pond detention. No increase in TP with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	26	Lake Eustis Basin – FDOT District 5	29.6	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS15	SR 500/ US Hwy. 441 – Basin C	US Hwy. 441 from 0.2 mi west of Lake Shore Blvd. to Lake Eustis Dr. – Basin C. Wet pond detention. No increase in TP with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	4	Lake Eustis Basin – FDOT District 5	9.7	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS16	SR 500/ US Hwy. 441 – Basin D	US Hwy. 441 from 0.2 mi west of Lake Shore Blvd. to Lake Eustis Dr. Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	1	Lake Eustis Basin – FDOT District 5	11.9	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS17	SR 500/ US Hwy. 441 – Basin E	US Hwy. 441 from 0.2 mi west of Lake Shore Blvd. to Lake Eustis Dr. – Basin E. Wet pond detention. No increase in TP with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	15	Lake Eustis Basin – FDOT District 5	21.0	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS18	SR 500/ US Hwy.441 – System C	US Hwy. 441 from 4.0 mi southwest of College Dr. to Lake Shore Blvd. — System C. Wet pond detention. No increase in	Wet Detention Pond	Completed	Not provided	N/A	21	Lake Eustis Basin – FDOT District 5	31.7	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				TP with road improvement.												
FDOT District 5	N/A	EUS19	SR 19 in Tavares – System IV	US Hwy. 441 from 4.0 mi southwest of College Dr. to Lake Shore Blvd. — System IV (Basin 2). Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	10	Lake Eustis Basin – FDOT District 5	14.4	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS20	SR 500/ US Hwy. 441	US Hwy. 441 from Lake Eustis Dr. to CR 44B. Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	2	Lake Eustis Basin – FDOT District 5	4.6	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS21	SR 500/ US Hwy. 441	US Hwy. 441 from Lake Eustis Dr. to CR 44B. Wet pond detention. No increase in TP with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	3	Lake Eustis Basin – FDOT District 5	7.7	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	EUS22	SR 500/US Hwy. 441 – System D	US Hwy. 441 from 4.0 mi southwest of College Dr. to Lake Shore Blvd. System D. No detention. No increase in TP load with road improvement.	Not provided	Completed	Not provided	N/A	2	Lake Eustis Basin – FDOT District 5	7.1	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT01-EUS	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	206	132	Lake Eustis Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT04-EUS	Education and Outreach Activities	Informational pamphlets and illicit discharge notification.	Education Efforts	Completed	N/A	N/A	0	Lake Eustis Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	GRIF13	SR 500/ US Hwy. 441 – Basin 100	US Hwy. 441 from west of Griffin Rd. to east of Perkins St. – Basin 100. Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	55	Lake Griffin Basin – FDOT District 5	37.0	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	GRIF14	SR 500/ US Hwy. 441 – Basin 200	US Hwy. 441 from west of Griffin Rd. to east of Perkins St. – Basin 200. Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	74	Lake Griffin Basin – FDOT District 5	74.3	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	GRIF15	SR 500/ US Hwy. 441 – Basin 2	SR 500/US Hwy. 441 Leesburg – Basin 2. No	Wet Detention Pond	Completed	Not provided	N/A	10	Lake Griffin Basin – FDOT District 5	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				increase in TP load with road improvement.												
FDOT District 5	N/A	GRIF24	SR 500/ US Hwy. 441 – Basin D	SR 500 (US Hwy. 441) from Martin Luther King to Lake Ella Rd. – Basin D (238395-4). Wet detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	15	Lake Griffin Basin – FDOT District 5	31.7	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	GRIF25	SR 500/ US Hwy. 441 – Basin C	Lake Griffin, SR 500 (US Hwy. 441) from Martin Luther King to Lake Ella Rd. – Basin C (238395-4). Wet detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	8	Lake Griffin Basin – FDOT District 5	13.9	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	GRIF26	SR 500/ US Hwy. 441 – Basin E	Lake Griffin, SR 500 (US Hwy. 441) from Martin Luther King to Lake Ella Rd. Basin E (238395-4). Dry retention. No increase in TP load with road improvement.	Retention BMP	Completed	Not provided	N/A	8	Lake Griffin Basin – FDOT District 5	9.9	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT01-GRIF	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	88	57	Lake Griffin Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT04-GRIF	Education and Outreach Activities	Informational pamphlets and illicit discharge notification.	Education Efforts	Completed	N/A	N/A	0	Lake Griffin Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	HAR04	SR 500/ US Hwy. 441 – System A	Lake Harris, US Hwy. 441 from 4.0 mi southwest of College Dr. to Lake Shore Blvd. System A. Dry retention pond. No increase in TP load with road improvement.	Retention BMP	Completed	Not provided	N/A	13	Lake Harris Basin – FDOT District 5	17.6	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	HAR05	SR 500/ US Hwy. 441 – System B1	Lake Harris, US Hwy. 441 from 4.0 mi southwest of College Dr. to Lake Shore Blvd. System B1. Dry retention pond. No increase in TP with road improvement.	Retention BMP	Completed	Not provided	N/A	18	Lake Harris Basin – FDOT District 5	18.8	Not provided	Not provided	Florida Legislature	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
FDOT District 5	N/A	HAR06	SR 500/ US Hwy. 441 – System B2	Lake Harris. US Hwy. 441 from 4.0 mi southwest of College Dr. to Lake Shore Blvd. – System B2. Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	10	Lake Harris – FDOT District 5	32.2	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	HAR07	SR 500/ US Hwy. 441 – Basin 1	Lake Harris, SR 500 – US Hwy. 441 Leesburg – Basin 1. No increase in TP load with road improvement.	Not provided	Completed	Not provided	N/A	13	Lake Harris Basin – FDOT District 5	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	HAR08	SR 500/ US Hwy. 441 – Basin 3	Lake Harris, SR 500 – US Hwy. 441 Leesburg – Basin 3. No increase in TP load with road improvement.	Not provided	Completed	Not provided	N/A	11	Lake Harris Basin – FDOT District 5	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	HAR09	SR 500/ US Hwy. 441 – Basin 4	Lake Harris, SR 500 – US Hwy. 441 Leesburg – Basin 4. No increase in TP with road improvement.	Not provided	Completed	Not provided	N/A	4	Lake Harris Basin – FDOT District 5	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	HAR10	SR 500/ US Hwy. 441 – Basin 5	Lake Harris, SR 500 – US Hwy. 441 Leesburg – Basin 5. No increase in TP with road improvement.	Not provided	Completed	Not provided	N/A	22	Lake Harris Basin – FDOT District 5	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	HAR11	SR 500 /US 441 – Basin 6	Lake Harris, SR 500 – US Hwy. 441 Leesburg – Basin 6. No increase in TP with road improvement.	Not provided	Completed	Not provided	N/A	5	Lake Harris Basin – FDOT District 5	Not provided	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT01-HAR	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	164	105	Lake Harris Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT03-HAR	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway system.	Fertilizer Cessation	Completed	N/A	819	819	Lake Harris Basin – FDOT District 5 maintained roads	56.4	N/A	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT03-LLHAR	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway	Fertilizer Cessation	Completed	N/A	189	189	Lake Harris Basin – FDOT District 5 maintained roads	13.0	N/A	N/A	Florida Legislature	Not provided	N/A

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				system in Little Lake Harris Basin.												
FDOT District 5	N/A	DOT04-HAR	Education and Outreach Activities	Informational pamphlets and illicit discharge notification.	Education Efforts	Completed	N/A	N/A	1	Lake Harris Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT01-YALE	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	12	8	Lake Yale Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT02-YALE	FDOT Swale Maintenance	Removal of debris and sediment from state-maintained roadways	BMP Clean Out	Completed	N/A	33	4	Lake Yale Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT03-YALE	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway system.	Fertilizer Cessation	Completed	N/A	463	463	Lake Yale Basin – FDOT District 5 maintained roads	31.9	N/A	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT04-YALE	Education and Outreach Activities	Informational pamphlets and illicit discharge notification.	Education Efforts	Completed	N/A	N/A	0	Lake Yale Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	PAL14	US Hwy. 27 – Basin 1	US Hwy. 27 from US Hwy. 192 to North Boggy Marsh Rd. – Basin 1. Wet pond detention. No increase in TP load with road improvement.	Wet Detention Pond	Completed	Not provided	N/A	13	Palatlakaha River Basin – FDOT District 5	77.6	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT01-PAL	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	57	37	Palatlakaha River Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT03-PAL	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway system.	Fertilizer Cessation	Completed	N/A	1,437	1,437	Palatlakaha River Basin – FDOT District 5 maintained roads	99.0	N/A	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT04-PAL	Education and Outreach Activities	Informational pamphlets and illicit discharge notification.	Education Efforts	Completed	N/A	N/A	0	Palatlakaha River Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A

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FDOT District 5	N/A	DOT01-TROUT	FDOT Street Sweeping (E5Q71 Contract No)	Removal of debris and sediment from state-maintained roadways.	Street Sweeping	Completed	N/A	37	24	Trout Lake Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT02-TROUT	FDOT Swale Maintenance	Removal of debris and sediment from state-maintained roadways swales	BMP Clean Out	Completed	N/A	39	5	Trout Lake Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT03-TROUT	Fertilizer Cessation	Elimination of bulk fertilizer contracts. Reduction of TN/TP from elimination of fertilizer use along state highway system.	Fertilizer Cessation	Completed	N/A	502	502	Trout Lake Basin – FDOT District 5 maintained roads	34.5	N/A	N/A	Florida Legislature	Not provided	N/A
FDOT District 5	N/A	DOT04-Trout	Education and Outreach Activities	Informational pamphlets and Illicit discharge notification.	Education Efforts	Completed	N/A	N/A	0	Trout Lake Basin – FDOT District 5 maintained roads	N/A	Not provided	Not provided	Florida Legislature	Not provided	N/A
Howey-in-the Hills	LCWA	HAR27	Baffle Box	Nutrient-removing baffle box installed in urban area of city bordering Little Lake Harris.	Baffle Box	Completed	Not provided	N/A	11	Lake Harris Basin – Howey-in-the-Hills	Not provided	Not provided	Not provided	LCWA Grant	Not provided	N/A
Howey-in-the Hills	N/A	HHILL01	Education	Education outreach assigned 1 % credit for meeting MS4 permit requirements.	Education Efforts	Completed	N/A	N/A	1	Lake Harris Basin – Howey-in-the-Hills	N/A	Not provided	Not provided	Howey-in-the Hills Public Services	Not provided	N/A
Lake County	N/A	ABC02	Lois Dr. Baffle Box	Baffle box included with drainage improvements.	Baffle Box	Completed	2005	0	0	Lake Apopka Basin – Lake County	7.0	\$150,000	Not provided	County Stormwater Assessment	\$150,000	N/A
Lake County	N/A	LAP01	Apopka Basin Development Guidelines, Contained in County Land Development Regulations	Lake County portion of Lake Apopka Watershed including Johns Lake. Apopka Basin Development Guidelines, contained within Lake County Land Development Regulations. Provides groundwater and surface water protection.	Regulations, Ordinances, and Guidelines	Completed	Not provided	N/A	N/A	Lake Apopka Basin – Lake County	N/A	Not provided	Not provided	Not provided	Not provided	Not provided
Lake County	SJRWMD	LAP02	Lake Apopka Basin Drainage Inventory	Lake Apopka Basin drainage inventory, per Lake County Stormwater Program. Precursor to stormwater retrofit or restoration activities. BCI contracted to assess and	Study	Completed	2002	N/A	N/A	Lake Apopka Basin – Lake County	N/A	\$25,135	N/A	SJRWMD/ County Stormwater Assessment	SJRWMD Cost-Share Grant – \$12,567 County Stormwater Assessment – \$12,568	N/A

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				inventory stormwater management features and outfalls and delineate drainage subbasins.												
Lake County	Orange County/ LCWA	LAP04	Johns Lake Stormwater Master Plan	Orange and Lake Counties' stormwater programs stormwater master plan. Part of Lake Apopka drainage basin inventory. Johns Lake master plan was joint project between Orange County, Lake County, and LCWA. Inventory of stormwater outfalls (type, condition, location, amount of discharge) that discharge to lake to determine nonpoint sources of pollution. Johns Lake Watershed covers area of 39 square mi between Lake and Orange Counties.	Study	Completed	2003	N/A	N/A	Lake Apopka Basin – Lake County	N/A	\$250,000	N/A	Lake County Stormwater Assessment/ Orange County/ LCWA	Lake County Stormwater Assessment – \$24,958 Orange County – 200,000 LCWA – \$25,001	N/A
Lake County	N/A	LAP27	Montverde Boat Ramp Swale Improvement	Improvements made to swale system.	Swale	Canceled	N/A	N/A	N/A	Lake Apopka Basin – Lake County	N/A	\$100,000	N/A	N/A	N/A	N/A
Lake County	N/A	LAP28	Shore Dr. and Lake Blvd. – Johns Lake Retrofit	Exfiltration and outfall improvements.	Exfiltration Trench	Completed	2008	N/A	Not provided	Lake Apopka Basin – Lake County	Not provided	\$100,000	Not provided	County Stormwater Assessment	\$100,000	N/A
Lake County	N/A	LC05-LAP	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is an outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	TBD	Lake Apopka Basin – Lake County	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC09-LAP	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to	BMP Clean Out	Completed	N/A	Not provided	Not provided	Lake Apopka Basin – Lake County	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				waterbodies throughout county.												
Lake County	N/A	LC05-BCL	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	10	Lake Beauclair Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC05-CARL	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	1	Lake Carlton Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC09-CARL	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to waterbodies throughout county.	BMP Clean Out	Completed	N/A	6	3	Lake Carlton Basin – Lake County countywide program	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A
Lake County	N/A	DORA14	Lakes Dora, Beauclair, and Carlton Basin Study	Lake Carlton Basin drainage evaluation, per county's stormwater program. Precursor to stormwater retrofit and restoration activities.	Study	Completed	2009	N/A	N/A	Lake Carlton, Lake Beauclair, and Lake Dora Basins – Lake County	N/A	\$200,000	N/A	County Stormwater Assessment	\$200,000	N/A
Lake County	N/A	LC05-DEN	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	4	Lake Denham Basin – Lake County	N/A	Not provided	\$12,000	County	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Lake County	N/A	DORA01	Lake Dora Ave. Improvement Project	Failing infrastructure replacement and improvement. Failing infrastructure – twin corrugated metal pipes in residential yard. Pipes were part of stormwater conveyance system discharging untreated runoff from Old Hwy. 441. CDS unit removes sediments and particulates. Pollutants targeted were organic matter (tree litter) and sediment fines.	CDS Unit	Completed	2003	N/A	N/A	Lake Dora Basin – Lake County	7.5	\$127,910	Not provided	County Stormwater Assessment	\$127,910	N/A
Lake County	N/A	DORA03	Old Hwy 441 and Lake Dora	Deteriorating ditch and pipe system discharged stormwater from Old Hwy 441 to Lake Dora from north side of Lakeshore Dr. Upgrade of inlets and construction of wet detention pond to treat highway runoff. Reduce stormwater inputs to Lake Dora.	Wet Detention Pond	Completed	2003	N/A	Not provided	Lake Dora Basin – Lake County	N/A	\$200,000	Not provided	County Stormwater Assessment	\$200,000	N/A
Lake County	N/A	DORA15	Lake Saunders Flood Study	Priority project identified from Lake Dora Basin study.	Study	Completed	2009	N/A	N/A	Lake Dora Basin – Lake County	N/A	\$43,102	N/A	County Stormwater Assessment	\$43,102	N/A
Lake County	N/A	DORA18	Vincent Dr. Drainage Improvement	Lake Dora Basin.	Not provided	Completed	2008	N/A	Not provided	Lake Dora Basin – Lake County	N/A	\$10,553 (construction)	Not provided	County Stormwater MSTU	\$10,553 (construction)	N/A
Lake County	Not provided	DORA34	Hwy 441 and Hwy 46 Stormtech Installation	Installed StormTech system: 100 LF in-line arrangements with "Isolator Rows" at each end for maintenance.	Retention BMP	Completed	2010	N/A	Not provided	Lake Dora Basin – Lake County	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided
Lake County	N/A	DORA43	Lake Saunders Outfall Improvements	Project addressed deteriorating pipe, ditch and outfall from Lake Saunders to Lake Dora. Pipe upsizing reduced flood stage in Lake Saunders. Ditch improvements included raised ditch block area to provide treatment area. Project also included drainage improvements for commercial area	Hydrologic Restoration	Completed	2015	N/A	N/A	Lake Dora Basin – Lake County	N/A	\$775,000	Not provided	County Stormwater MSTU	\$775,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				adjacent to Bay Rd. that previously had no treatment and caused drainage complaints.												
Lake County	N/A	LC05-DORA	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	41	Lake Dora Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC09-DORA	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to waterbodies throughout county.	BMP Clean Out	Completed	N/A	93	57	Lake Dora Basin – Lake County countywide program	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A
Lake County	LCWA, DEP	EUS02	Haynes Creek Park Retrofit	Haynes Creek Park located on South Haynes Creek Rd. near Ocklawaha Rd. Dry retention pond and 400 ft of retention ditches with ditch blocks along South Haynes Creek Rd. Site is county park in single-family residence neighborhood. Park captures runoff from 8.2-ac watershed via South Haynes Creek Rd..	Retention BMP	Completed	2004	N/A	6	Lake Eustis Basin – Lake County	8.2	\$109,685	Not provided	County Stormwater Assessment/DEP	County Stormwater Assessment/ LCWA – 50 %, DEP – 50 %	Not provided
Lake County	N/A	EUS04	Lakes Eustis and Silver Lake Drainage Evaluation	Lake Eustis and Silver Lake Basins. Drainage evaluation, per county's stormwater program. Precursor to stormwater retrofit and restoration activities. Inventory of stormwater outfalls (type, condition, location, amount of discharge) that discharge to lakes.	Study	Completed	Prior to 2007	N/A	N/A	Lake Eustis Basin – Lake County	N/A	\$184,000	N/A	County Stormwater Assessment	\$184,000	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Lake County	N/A	EUS26	Lakeshore Drainage Improvement	Lake Eustis Basin.	Not provided	Completed	2010	14	2	Lake Eustis Basin – Lake County	Not provided	\$872,981	Not provided	County Stormwater MSTU	\$872,981	N/A
Lake County	N/A	LC05-EUS	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is an outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	93	Lake Eustis Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC09-EUS	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to waterbodies throughout county.	BMP Clean Out	Completed	N/A	6	3	Lake Eustis Basin – Lake County countywide program	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A
Lake County	SJRWMD	EUS25	Pine Meadows Restoration Area	Lake County Parks and Trail Division. Muck farm is east of Trout Lake and discharges to Hicks Ditch. Reduce TP loadings from former muck farm. Restore aquatic, wetland, and riverine habitat. Reduce nutrient outflow to feasible level of 1.1 kilograms per hectare per year (kg/ha/yr) of TP or 1 lb/ac. If TP discharge target is not met, consider chemical treatment of soil (alum) to bind phosphates. Trout Lake is tributary to Lake Eustis. Reduction in nutrient loading benefits both Lake Eustis and Trout Lake.	Wetland Restoration	Completed	2014	N/A	1,487	Lake Eustis Basin – Lake County Parks	1,171.0	Not provided	Not provided	County/ SJRWMD	Not provided	N/A
Lake County	DEP	GRIF04	Lake Griffin Basin Drainage Evaluation	Lake Griffin Basin. Drainage evaluation, per county stormwater	Study	Completed	2003	N/A	N/A	Lake Griffin Basin – Lake County	N/A	\$92,410	N/A	County Public Works/ DEP	County Public Works – 50 % DEP – 50 %	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				program. Inventory of stormwater outfalls (type, condition, location, amount of discharge) that discharge to lakes. Precursor to stormwater retrofit and restoration activities. BCI contracted to assess and inventory stormwater management features and outfalls, delineate drainage subbasins, estimate and prioritize pollutant loads by subbasin, and develop conceptual projects that address pollutant load reductions.												
Lake County	LCWA	GRIF05	Lazy Oaks Retrofit	Lazy Oaks community located on western side of Lake Griffin, on shore of lake. Lake Griffin basin retrofit projects. Exfiltration trench. Rental cottages in Lazy Oak community and single-family residential development on western side of Lake Griffin. Steep slopes convey stormwater as sheet flow over paved surface within Lazy Oaks. Adjacent subdivision with fairly large lots. Stormwater from 4-ac area conveyed by roadside swales to 12-in outfall pipe into Lake Griffin. Exfiltration system will retain 80 % of annual runoff volume, corresponding to 0.28 to 0.45 in of runoff volume. 490 ft of exfiltration trench proposed.	Exfiltration Trench	Completed	2004	N/A	19	Lake Griffin Basin – Lake County	8.0	\$109,685	Not provided	County Stormwater Assessment/ Florida Legislature/ LCWA	County Public Works/ LCWA – 50 % DEP – 50 %	Not provided
Lake County	LCWA	GRIF06	Griffwood Community Retrofit	Griffwood Community Mobile Home Park located on western side of Lake Griffin. Lake Griffin Basin retrofit projects. Exfiltration	Exfiltration Trench	Completed	2004	N/A	33	Lake Griffin Basin – Lake County	9.0	\$109,685	Not provided	County Stormwater Assessment/ Florida Legislature/ LCWA	County Public Works/ LCWA – 50 % DEP – 50 %	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				trench. Site has steep slopes and dense development. Exfiltration with drainage inlets located in roadway at bottom of hill. Exfiltration system designed to treat first half-inch of runoff, which represents 76 % of annual runoff volume. System comprises 440 ft of 3-ft exfiltration system.												
Lake County	LCWA	GRIF07	Brittany Estates Retrofit	<p>Brittany Estates Mobile Home Park community located on southern side of Lake Griffin. Lake Griffin basin retrofit project. Exfiltration trench and expansion of existing retention pond.</p> <p>Densely populated mobile home park with steep slopes. Existing dry detention pond at bottom of hill that overflowed during heavy storms. Roads have inverted crown configuration that convey stormwater. Exfiltration system and larger dry detention pond to treat runoff. Exfiltration will treat first half-inch of runoff from 4.65-ac upper contributing basin, representing 76 % of annual runoff volume. 221 ft of 3-ft exfiltration pipe. Lower 5.1-ac basin fitted with 240 ft of 3-ft exfiltration pipe. Shallow berm along Lake Griffin to direct runoff to larger redesigned dry detention pond. Existing 6-in outfall pipe replaced with control structure, headwall, and new pipe.</p>	Exfiltration Trench	Completed	2005	N/A	13	Lake Griffin Basin – Lake County	10.0	\$109,685	Not provided	County Stormwater Assessment/ Florida Legislature/ LCWA	County Public Works/ LCWA – 50 % DEP – 50 %	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Lake County	N/A	GRIF16	Picciola Rd. Ditches	Picciola Rd. – unincorporated Lake County. Recontouring of ditches. Addition of ditch blocks.	Hydrologic Restoration	Completed	Not provided	N/A	N/A	Lake Griffin Basin – Lake County	N/A	\$150,000	Not provided	County Stormwater Assessment	Lake County – \$150,000	N/A
Lake County	N/A	GRIF17	Harbor Oaks Retrofit	Exfiltration system installed.	Exfiltration Trench	Completed	2010	N/A	Not provided	Lake Griffin Basin – Lake County	Not provided	\$200,000	Not provided	County Stormwater Assessment	County – \$200,000	N/A
Lake County	N/A	GRIF18	Lakeside Village Retrofit	Underdrain system placed in recontoured ditches located along shoreline.	Retention BMP	Completed	2007	N/A	Not provided	Lake Griffin Basin – Lake County	Not provided	\$400,000	Not provided	County Stormwater Assessment	County – \$400,000	N/A
Lake County	N/A	GRIF20	Lake Griffin Marina Improvements	Lake Griffin Marina. Swale improvements planned.	Swale	Canceled	N/A	N/A	N/A	Lake Griffin Basin – Lake County	N/A	\$150,000	N/A	N/A	N/A	N/A
Lake County	LCWA	GRIF21	CR 466B Swale Improvements	Swale improvements planned for 2004.	Swale	Completed	Not provided	N/A	Not provided	Lake Griffin Basin – Lake County	Not provided	\$100,000	Not provided	County Stormwater Assessment/ LCWA/ Florida Legislature	County Stormwater Assessment – 50 %, LCWA – 35 % Legislature – 4 %	N/A
Lake County	LCWA/ DEP	GRIF22	Mid-Florida Lakes Mobile Home Park Retrofit	Exfiltration trenches. Exfiltration trench will operate as offline retention system.	Exfiltration Trench	Completed	2005	N/A	42	Lake Griffin Basin – Lake County	11.5	\$390,000	Not provided	County Stormwater Assessment/ DEP	Not provided	Not provided
Lake County	N/A	LC05-GRIF	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	62	Lake Griffin Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC09-GRIF	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to waterbodies throughout county.	BMP Clean Out	Completed	N/A	14	9	Lake Griffin Basin – Lake County countywide program	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Lake County	SJRWMD	HAR12	Lake Harris and Little Lake Harris Basin Study	Lake Harris and Little Lake Harris drainage evaluation, per county stormwater program. Precursor to stormwater retrofit and restoration activities.	Study	Completed	2009	N/A	N/A	Lake Harris Basin – Lake County	N/A	\$200,000	N/A	County Stormwater Assessment/SJRWMD	Not provided	N/A
Lake County	SJRWMD	HAR13	Hollondel Rd. Stormwater Pond	Stormwater pond. SJRWMD is assisting with purchase of property. Design of pond is next step.	Not provided	Completed	2009	N/A	150	Lake Harris Basin – Lake County	125.0	\$956,000	Not provided	County Stormwater Assessment/SJRWMD	Not provided	N/A
Lake County	Lake County Public Lands	HAR14	Dead River Rd. Stormwater Park	Stormwater park. Lake County Public Works is partnering with Public Lands to purchase property.	Not provided	Completed	2010	N/A	38	Lake Harris Basin – Lake County	46.4	\$1,600,000 (construction)	Not provided	County Stormwater MSTU	Not provided	N/A
Lake County	N/A	HAR15	Porto Bello Ave. Drainage Improvements	Drainage improvements and installation of CDS water quality unit.	CDS Unit	Completed	2009	N/A	4	Lake Harris Basin – Lake County	9.0	\$171,567	Not provided	County Stormwater MSTU	Not provided	N/A
Lake County	N/A	HAR16	Orange Ave. Drainage Improvements	Drainage improvements and installation of CDS water quality unit.	CDS Unit	Completed	2009	N/A	5	Lake Harris Basin – Lake County	12.0	\$154,274	Not provided	County Stormwater MSTU	Not provided	N/A
Lake County	DEP	HAR18	Silver Lake	Water quality improvement project – water monitoring, education, removal of invasive species and revegetation. Background and ongoing water monitoring, survey, individual permits issued.	Education Efforts, Exotic Vegetation Removal, Monitoring/Data Collection	Completed	N/A	N/A	N/A	Lake Harris Basin – Lake County	N/A	\$6,000	Not provided	DEP Mitigation Project and Minigrant	Not provided	Not provided
Lake County	SJRWMD	HAR21	Magnolia Lane Water Quality Retrofit	Installation of pipe, manholes, and next generation baffle box with media filtration on existing outfall within portion of Springs Subdivision in Yahala. Will retrofit treatment onto 18-ac basin.	Baffle Box – 2nd Generation with Media	Underway	2017	25	3	Lake Harris Basin – Lake County	18.0	\$500,000	Not provided	Florida Legislature/SJRWMD cost-share	SJRWMD – \$61,500	N/A
Lake County	Not provided	HAR22	Harris Rd. Water Quality Retrofit	Installation of swales with ditch blocks and replacement of existing outfall with next generation nutrient removal baffle box at Harris Rd. and CR 473 in Tavares.	Swale with Blocks or Raised Culverts	Planned	Not provided	N/A	Not provided	Lake Harris Basin – Lake County	7.0	\$100,000	Not provided	Not provided	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Lake County	Not provided	HAR23	Country Club Dr. Water Quality Retrofit	Installation of multiple nutrient removal baffle box type structures on existing direct stormwater discharges from Country Club Dr. (Astatula) to Little Lake Harris.	Baffle Box– 2nd Generation	Planned	Not provided	N/A	Not provided	Lake Harris Basin – Lake County	13.0	\$900,000	Not provided	Not provided	Not provided	Not provided
Lake County	N/A	HAR24	Aquatic Vegetation Harvesting – Dead River and Hollondel Ponds	Chemical treatment with physical harvesting and removal of excessive aquatic plants at Dead River and Hollondel Ponds. More than 150 cubic yds of plant material harvested and removed from ponds. Nutrient load in plant matter physically removed from system.	Aquatic Vegetation Harvesting	Completed	2016	N/A	Not provided	Lake Harris Basin – Lake County	10.0	\$15,000	N/A	County Stormwater MSTU	\$15,000	N/A
Lake County	N/A	LC05-HAR	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	88	Lake Harris Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC09-HAR	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to waterbodies countywide.	BMP Clean Out	Completed	N/A	9	5	Lake Harris Basin – Lake County countywide program	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A
Lake County	N/A	YALE01	Lake Yale Basin Study	Basin study of Lake Yale subbasin. Basin drainage evaluation, per county stormwater program. Precursor to stormwater retrofit and restoration activities. Inwood is performing study for county. Marion County is participating in study by	Study	Completed	2008	N/A	N/A	Lake Yale Basin – Lake County	N/A	\$266,374	N/A	County Stormwater Assessment	\$266,374	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				providing information/data for its part of basin.												
Lake County	N/A	YALE02	Washington Ave. Drainage Improvements	Lake Yale Basin. Project segmented into multiple phases because of costs. Included dirt road paving and conversion of existing bare soil ditch to grassed swale with ditch blocks. Provides 173 tons/yr reduction in sediment load to Lake Yale. Included retrofit of ditch bottom inlets for connected side streets (38-ac urbanized area).	Swale with Blocks or Raised Culverts	Completed	2015	77	12	Lake Yale Basin – Lake County	38.0	\$1,654,186	Not provided	County Stormwater MSTU	\$1,654,186	N/A
Lake County	N/A	YALE03	Old Chisholm Trail Drainage Improvements	Lake Yale Basin.	Not provided	Completed	2008	N/A	Not provided	Lake Yale Basin – Lake County	Not provided	\$182,555	Not provided	County Stormwater MSTU	\$182,555	N/A
Lake County	N/A	LC05-YALE	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	20	Lake Yale Basin – Lake County countywide program	N/A	Not provided	\$12,000	Lake County	Not provided	N/A
Lake County	N/A	LC09-YALE	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to waterbodies throughout county.	BMP Clean Out	Completed	N/A	6	3	Lake Yale Basin – Lake County countywide program	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A
Lake County	N/A	PAL01	Septic Tank Land Development Regulations	Green Swamp Area of Critical State Concern. Septic tanks in Green Swamp are required to be pumped every 5 yrs. Land Development Regulation addresses groundwater and surface water protection.	Regulations, Ordinances, and Guidelines	Completed	2016	N/A	N/A	Palatlahaha River Basin – Lake County	N/A	Not provided	Not provided	Not provided	Not provided	Not provided

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Lake County	LCWA/SJRWMD	PAL02	Drainage Evaluation: Lakes Louisa, Minnehaha, and Minneola	Drainage evaluation of basins of Lakes Louisa, Minnehaha and Minneola. Precursor to stormwater retrofit or restoration activities. Stanley Consultants contracted to assess and inventory stormwater management features and outfalls, delineate drainage subbasins, estimate and prioritize pollutant loads by subbasin, and develop conceptual projects that address pollutant load reduction.	Study	Completed	prior to 2007	N/A	N/A	Palatlakaha River Basin – Lake County	N/A	\$164,951	N/A	County/SJRWMD/LCWA	County Stormwater Assessment – \$50,000 SJRWMD – \$50,000 Stormwater Cost-Share Grant; LCWA – \$64,951 Stormwater Grant	N/A
Lake County	Not provided	PAL15	Lake Minneola Shores Ditch Reconstruction	Ditches in Minneola Shores (CR 561A) were recontoured, had paved bottoms removed, and ditch blocks were added. Project provides for capture of runoff and enhanced infiltration.	Hydrologic Restoration	Completed	2004	N/A	N/A	Palatlakaha River Basin – Lake County	N/A	\$200,000	N/A	County Stormwater Assessment	Not provided	Not provided
Lake County	N/A	PAL16	Lakeshore Dr. Clermont Retrofit	Exfiltration system constructed. Required recontouring of ditches and reworking of road shoulder. Project provides for capture of runoff and enhanced infiltration.	Exfiltration Trench	Completed	2005	N/A	Not provided	Palatlakaha River Basin – Lake County	Not provided	\$180,000	Not provided	County Stormwater Assessment	\$180,000	N/A
Lake County	N/A	PAL17	Elbert St. and Virginia St. Swale	Swale and swale blocks added. Project will provide capture of runoff and enhanced infiltration. Elbert St. (Lake Minnehaha) and Virginia St. (Lake Minneola) in Clermont.	Swale with Blocks or Raised Culverts	Completed	2008	N/A	Not provided	Palatlakaha River Basin – Lake County	Not provided	\$100,000	Not provided	County Stormwater Assessment	\$100,000	N/A
Lake County	N/A	PAL21	Lower Palatlakaha River Basin Study	Study of lower reaches of Palatlakaha River and connected lakes. Basin drainage evaluation, per county stormwater program. Precursor to stormwater retrofit and restoration activities.	Study	Completed	2009	N/A	N/A	Palatlakaha River Basin – Lake County	N/A	\$323,211	N/A	County Stormwater Assessment	\$323,211	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
Lake County	Not provided	PAL24	Lake Winona	Water quality improvement project – Water monitoring, education, removal of invasive species, and revegetation. Background and ongoing water monitoring, survey, and individual permits issued.	Education Efforts	Completed	N/A	N/A	N/A	Palatlakaha River Basin – Lake County	N/A	Not provided	\$6,000	General Revenue and Grant	Not provided	N/A
Lake County	N/A	PAL30	Lake Emma Rd. and Lake Emma Estates Water Quality Retrofit	Installation of 3 next-generation nutrient baffle boxes on existing outfalls from Lake Emma Rd. and Lake Emma Estates Subdivision.	Baffle Box – 2nd Generation	Underway	2017	37	4	Palatlakaha River Basin – Lake County	27.0	\$461,500	Not provided	County Stormwater MSTU	\$461,500	N/A
Lake County	N/A	LC05-PAL	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	53	Palatlakaha River Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	N/A	LC09-PAL	Catch Basin and Pipe Cleaning	Lake County proactively cleans stormwater manholes and pipes to remove accumulated sediments and nutrients to reduce discharge to receiving waterbodies. Project aids in reduction of sediment and TSS and nutrient loading to waterbodies throughout county.	BMP Clean Out	Completed	N/A	13	8	Palatlakaha River Basin – Lake County countywide program	N/A	N/A	\$35,000	County Road Operations Fund	Not provided	N/A
Lake County	N/A	TROUT05	Trout Lake Basin Study	Basin study of Trout Lake basin. Basin drainage evaluation, per county stormwater program. Precursor to stormwater retrofit and restoration activities. Study is continuation of Lake Eustis Basin study.	Study	Completed	2008	N/A	N/A	Trout Lake Basin – Lake County	N/A	\$130,000	N/A	County Stormwater Assessment	\$130,000	N/A
Lake County	City of Eustis	TROUT06	Getford Rd. Stormwater Park	Trout Lake Basin. Lake County stormwater master plan implementation. Joint project between Lake	Not provided	Completed	Not provided	N/A	143	Trout Lake Basin – Lake County	339.0	\$2,900,000	Not provided	County Stormwater Assessment; City of Eustis	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				County and City of Eustis. Construction of stormwater pond with passive park features.												
Lake County	Not provided	TROUT07	Lake Joanna	Water quality improvement project – Water monitoring, education, removal of invasive species, and revegetation. Background and ongoing water monitoring, survey, and individual permits issued.	Education Efforts	Completed	Not provided	N/A	N/A	Trout Lake Basin – Lake County	N/A	Not provided	\$6,000	Pollution Recovery Trust Fund and mini-grant	Not provided	N/A
Lake County	N/A	LC05-TROUT	Support of Adopt-a-Lake Program	Adopt-a-Lake Program is outreach program to residents of Lake County that enhances knowledge and awareness of stormwater management. Part of MS4 Phase II public education requirement. Replaces WAV Program.	Education Efforts	Completed	N/A	N/A	4	Trout Lake Basin – Lake County countywide program	N/A	Not provided	\$12,000	County	Not provided	N/A
Lake County	SJRWMD	TROUT01	Pine Meadows Restoration Area	Lake County Parks and Trail Division. Muck farm is east of Trout Lake and discharges to Hicks Ditch. Reduce TP loadings from former muck farm. Restore aquatic, wetland, and riverine habitat. Reduce nutrient outflow to feasible level of 1.1 kg/ha/yr of TP or 1 lb/ac. If TP discharge target is not met, consider chemical treatment of soil (alum) to bind phosphates. Trout Lake is tributary to Lake Eustis. Reduction in nutrient loading benefits both Lake Eustis and Trout Lake.	Wetland Restoration	Completed	2014	N/A	726	Trout Lake Basin – Lake County Parks	1,171.0	Not provided	Not provided	County, SJRWMD	Not provided	N/A
Lake County	N/A	LC01	Golf Course Resource Management Plan	Golf course resource management plans are applicable to unincorporated Lake County. They apply to new and existing golf	Regulations, Ordinances, and Guidelines	Completed	Not provided	N/A	N/A	Upper Ocklawaha Basin – unincorporated Lake County	N/A	Not provided	Not provided	County	Not provided	N/A

Lead Entity	Partners	Project Number	Project Name	Project Description	Project Type	Project Status	Estimated Completion Date	TN Reduction (lbs/yr)	TP Reduction (lbs/yr)	Location	Acres Treated	Cost Estimate	Cost Annual O&M	Funding Source	Funding Amount	DEP Contract Agreement Number
				courses. Regulatory approach that will provide protection to groundwater and surface water.												
Lake County	N/A	LC02	Lake County Shoreline Protection Guide	Guide for lakefront land owners on water resource issues, including shoreline protection, stormwater BMPs, erosion, and aquatic plants. Outreach program targeted at county residents. Inform property owners of better land management practices to improve water quality protection.	Regulations, Ordinances, and Guidelines	Completed	Not provided	N/A	N/A	Upper Ocklawaha Basin – unincorporated Lake County	N/A	Not provided	Not provided	County	Not provided	N/A
Lake County	Lake County Stormwater/LCWA	LC03	Water Resource Atlas	Web-based outreach education program focused on water resource issues. Web based outreach program targeted at residents of Lake County, maintained on county website. Objective is to inform residents about water resource issues including TMDLs, stormwater, water quality, etc. Helps to promote good stewardship and wise use of water resources.	Education Efforts	Underway	N/A	N/A	N/A	Upper Ocklawaha Basin – unincorporated Lake County	N/A	\$90,000	Not provided	County	Not provided	N/A
Lake County	LCWA	LC06	Landscaper BMP Training	Education about BMPs for landscapers and those who hire them. Seminar was held in cooperation with Lake County Agriculture Center to educate landscapers about BMP, and BMP brochures were mailed out countywide to landscape companies.	Education Efforts	Completed	Not provided	N/A	N/A	Upper Ocklawaha Basin – unincorporated Lake County	N/A	\$1,277	Not provided	LCWA	\$1,277	N/A
Lake County	N/A	LC07	Targeted Business Sector BMP Education	Site visits to targeted business sectors (automotive service, landscape, and food service) throughout unincorporated Lake	Education Efforts	Completed	N/A	N/A	N/A	Upper Ocklawaha Basin – unincorporated Lake County	N/A	Not provided	\$1,200	Stormwater MSTU	\$1,200	N/A

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				County. Inspection for BMPs to protect stormwater quality and distribution of educational flyers on water quality.												
Lake County	N/A	LC08	Construction Erosion Control-Education and Inspection	Provide DEP Erosion Control Inspector Training and Certification exam to private construction and local government employees through qualified county staffer for free annually. Conduct ongoing site inspections for use of Erosion Control BMPs at all construction sites throughout unincorporated Lake County. Education of contractors and municipal employees on construction erosion control measures.	Education Efforts	Completed	N/A	N/A	N/A	Upper Ocklawaha Basin – unincorporated Lake County	N/A	Not provided	\$1,500	Stormwater MSTU	\$1,500	N/A
LCWA	SJRWMD	ABC01	Nutrient Reduction Facility	Apopka-Beauclair Canal/CC Ranch. Water in Apopka-Beauclair Canal treated offline with alum. Removes phosphorus-containing compounds from Lake Apopka discharge. Reduce loading from Lake Apopka to Lake Beauclair and Apopka-Beauclair Canal.	Regional Stormwater Treatment	Completed	2009	N/A	5,000	Lake Apopka Basin – LCWA	Not provided	\$7,300,000	Not provided	LCWA/ Florida Legislature/ SJRWMD	Not provided	Not provided
LCWA	N/A	DEN01	Lake Denham Muck Farm Buyout	Purchase 563-ac Lake Denham Muck Farm to eliminate 1,100 lbs/yr TP loading.	Wetland Restoration	Underway	2018	N/A	1,100	Lake Denham Basin – LCWA	563.0	\$1,200,000	N/A	LCWA	\$1,200,000	N/A
LCWA	N/A	YALE05	Water Quality Investigation	Lake Yale Watershed. Survey and identify potential nutrient sources not previously evaluated and propose remediation projects.	Study	Completed	Not provided	N/A	N/A	Lake Yale Basin – LCWA	N/A	Not provided	N/A	LCWA	Not provided	N/A
LCWA	Lake County	PAL23	Hooks St. Interlocal Water Quality	Hooks St. in Clermont.	Not provided	Canceled	N/A	N/A	N/A	Palatlahaha River Basin – LCWA	N/A	N/A	N/A	N/A	N/A	N/A

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			Improvement Project													
LCWA	N/A	TROUT09	Water Quality Investigation	Trout Lake Watershed. Survey – Identify potential nutrient sources not previously evaluated and propose remediation projects.	Study	Completed	Not provided	N/A	N/A	Trout Lake Basin – LCWA	N/A	Not provided	N/A	LCWA	Not provided	N/A
LCWA	FWC/ SJRWMD	BCL02	Suction Dredging of Western Lake Beauclair	Western end of Lake Beauclair. Suction dredging to remove 1 million cubic yds of sediment in western end of Lake Beauclair.	Muck Removal/ Restoration Dredging	Completed	2013	Not provided	Not provided	Within Lake Beauclair – LCWA	130.0	\$9,300,000	N/A	FWC/ LCWA/ SJRWMD	Not provided	N/A
Marion County	Marion County Stormwater Section	GRIF28	WMP	Marion County portion of Lake Griffin. WMPs will be completed countywide and are used to identify and address Marion County water quality issues. WMPs will include creation and maintenance of comprehensive geodatabase for Marion County storm sewer system data, watershed boundaries, and hydrologic features countywide. WMP for Lake Griffin has been initiated. Digital elevation model, watershed evaluation, modeling parameterization, model development and verification, and floodplain analysis and delineation have been completed. Remaining work, Floodplain Level of Service, Surface Water Resource Assessment Report, and Capital Projects Report are scheduled for FY 2018–19, 2019–20, and 2020–21, respectively.	Study	Completed	2021	N/A	N/A	Lake Griffin Basin – Marion County	N/A	\$975,832	N/A	County Stormwater Assessment	\$975,832	N/A

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Marion County	N/A	MARION06	Street Sweeping	Curbed section of US Hwy. 42 in Lake Griffin Basin. Sweeping of county-maintained curbed section of Hwy. 42. Swept 9 times/yr.	Street Sweeping	Completed	N/A	N/A	1	Lake Griffin Basin – Marion County	N/A	N/A	Not provided	County Stormwater Assessment	Not provided	N/A
Marion County	Marion County Planning Dept./ Marion County Extension Service/ Marion County SWCD/ SWFWMD	MARION01-GRIF	Springshed Protection Program	Prevent further degradation of water quality of Rainbow and Silver Springs, and reduce or eliminate existing sources of pollution. Marion County BOCC adopted Resolution 05-R-106 declaring support for protection of Marion County springs and directing staff to develop recommended policies for springs protection. Fertilizer Ordinance 08-35 was adopted on November 4, 2008. Irrigation Ordinance 08-09 was adopted on April 1, 2008, and subsequently amended in Ordinance 09-13 on May 19, 2009. Springs Protection Ordinance 09-17 was adopted June 2, 2009, and included multiple amendments to county land development code, adoption of spring protection overlay zone, regulations for springs protection and water conservation, etc.	Education Efforts	Completed	N/A	N/A	40	Lake Griffin Basin in Silver Springs Springshed – Marion County	N/A	Not provided	Not provided	County Office of the County Engineer	Not provided	N/A
Marion County	Marion County Planning Dept./ Marion County Extension Service/ Marion County	MARION01-YALE	Springshed Protection	Prevent further degradation of water quality of Rainbow and Silver Springs, and reduce or eliminate existing sources of pollution. Marion County BOCC adopted Resolution 05-R-106 declaring support for protection of Marion	Education Efforts	Completed	N/A	N/A	1	Lake Yale Basin in Silver Springs Springshed – Marion County	N/A	Not provided	Not provided	County	Not provided	N/A

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	SWCD/ SWFWMD			County springs and directing staff to develop recommended policies for springs protection. Fertilizer Ordinance 08-35 was adopted on November 4, 2008. Irrigation Ordinance 08-09 was adopted on April 1, 2008, and subsequently amended in Ordinance 09-13 on May 19, 2009. Springs Protection Ordinance 09-17 was adopted June 2, 2009 and included multiple amendments to county land development code, adoption of spring protection overlay zone, regulations for springs protection and water conservation, etc.													
Marion County	Marion County Growth Services/ Marion County Extension Service/ Marion County SWCD/ SWFWMD	MARION02	Clean Farms Initiative	Marion County portion of Upper Ocklawaha Basin. Clean Farms Initiative is designed to assist Marion County farm owners and managers with implementation of BMPs for animal waste and nutrient management and to recognize them for their cooperative efforts. Initiative was begun by passage of Resolution 04-R-384, by Marion County BOCC, that recognizes importance of agriculture to county's history and economy, while also recognizing need to protect water resources. As part of Initiative, Farm Outreach Coordinator position was created to educate on water quality, targeting practices such as manure management and fertilization. Education is	Agricultural BMPs	Completed	N/A	N/A	N/A	Upper Ocklawaha Basin – Marion County countywide	N/A	\$55,000	Not provided	County General Revenue	\$55,000	N/A	

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				provided on BMPs, science-based and field-tested techniques meant to help protect and preserve integrity of groundwater and surface waters. Number of farm visits is tracked yearly. Education is provided on BMPs, science-based and field-tested techniques meant to help protect and preserve integrity of groundwater and surface water.												
Marion County	DEP/ SWFWMD/ SJRWMD/ UF	MARION04	MCAVA	Marion County identification of vulnerable areas of aquifer. Project provides scientifically defensible water resource management and protection tool that will facilitate planning of human activities to help in minimizing adverse impacts on groundwater quality. Aquifer vulnerability maps are displayed in classes of relative vulnerability (one area is more vulnerable than another). Maps benefit local government, planners, and developers in guiding growth into more appropriate areas (e.g., groundwater recharge areas) and improve site selection for expanding existing or establishing new well fields.	Study	Completed	2007	N/A	N/A	Upper Ocklawaha Basin – Marion County countywide	N/A	\$101,932	N/A	County Stormwater Assessment	\$101,932	N/A
Marion County	UF	MARION05	Marion County LID Practices	Countywide. Encourage adoption of LID practices to preserve and protect water resources. To foster LID not only within Marion County's springs protection zones, but throughout county, Clean	Education Efforts	Completed	2007	N/A	N/A	Upper Ocklawaha Basin – Marion County countywide	N/A	\$6,500	Not provided	County Stormwater Assessment	\$6,500	N/A

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				Water Program conducted day-long seminar for developers, engineers, landscape architects, and construction professionals in April 2007. Seminar shared LID options and discussed impact of LID on water resources.												
Orange County	SJRWMD Lands Division	LAP09	Jones Ave. Regional Stormwater Management Project	North of Lake Apopka, City of Apopka, north shore of Lake Apopka. Jones Ave. Regional Stormwater Management Project in northern part of north shore area is 15-ac regional wet detention pond and 20-ac wetland restoration project located in Section 19,20, 21 Township 20S Range 27E. It serves area of 1,000 ac during 100-yr flood elevation. It treats 0.35 in over 500 ac. Project reduces maintenance of ditches along Jones Ave. Improves water quality: removes TP and TSS. Reduces stormwater runoff from hazardous waste site. Habitat restoration. Net decrease in TP and other parameters.	Wet Detention Pond, Wetland Restoration	Completed	2008	N/A	296	Lake Apopka Basin – Orange County	300.0	\$4,600,000	Not provided	County/SJRWMD	County – \$4,300,000 SJRWMD Ad Valorem – \$300,000 (plus land costs for both partners)	N/A
Orange County	N/A	LAP18	Berg Dr.	Lake Apopka Stormwater retrofit Section 16; Township 20; range 27. Exfiltration chambers for discharge of stormwater. Percolation of existing stormwater through ground.	Exfiltration Trench	Completed	2000	N/A	2	Lake Apopka Basin – Orange County	0.5	\$207,000	Not provided	County Public Works	\$207,000	N/A
Orange County	N/A	LAP19	Water St.	Lake Apopka Basin. Stormwater retrofit Section 23; Township 22; range 27. Retention pond. Treatment and/or	Retention BMP	Completed	2000	N/A	23	Lake Apopka Basin – Orange County	13.7	\$104,000	Not provided	County Public Works	\$104,000	N/A

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				percolation of stormwater.												
Orange County		LAP20	Lake Apopka Master Plan	Stormwater management plan for Lake Apopka. Phase I complete, ongoing with Phase II and III. Identify retrofit opportunities to remove nutrient loading into Lake Apopka.	Study	Completed	Not provided	N/A	N/A	Lake Apopka Basin – Orange County	N/A	\$250,000	N/A	County Public Works	\$250,000	N/A
Orange County	HUD	LAP21	Burch's Quarters Community Development Project	Lake Apopka Basin. Paving and drainage upgrades – Section 22; Township 22; Range 27. Resurfacing and overbuilding of existing pavement, installation of proposed storm sewer system, cross drains, construction of dry retention pond and associated outfall system. Treatment of stormwater by percolation into ground.	Retention BMP	Completed	2006	N/A	Not provided	Lake Apopka Basin – Orange County	80.0	\$1,356,000	Not provided	Housing and CBDG	HUD – \$1,356,001	N/A
Orange County	HUD	LAP22	East Bay St. Community Development Project	Lake Apopka Basin. Paving and drainage upgrades – Section 13, 24; Township 22; Range 27. Roadway improvements will include resurfacing and overbuilding of existing pavement. Miami curbing and sidewalks will be installed based on proposed typical section. Drainage improvements include installation of proposed storm sewer, cross drains, and construction of retention ponds and associated outfall system.	Retention BMP	Completed	Not provided	N/A	Not provided	Lake Apopka Basin – Orange County	Not provided	\$1,700,000	Not provided	Housing and CBDG	HUD – \$1,700,000	N/A
Orange County	N/A	LAP38	Lake Clarice Pond	Lake Clarice Estates. Bold and Gold™ filter media added to discharge of wet detention pond.	Stormwater Pond Filter Media	Planned	Not provided	TBD	TBD	Lake Apopka Basin – Orange County	0.6	Not provided	Not provided	General Fund	TBD	N/A
Orange County	N/A	LAP44	Black Lake Hydrological and Nutrient Pollutant	Data and information from assessment can be used by stakeholders to	Study	Underway	2018	N/A	N/A	Lake Apopka Basin –	N/A	\$118,796	N/A	CIP Funds Provided by BOCC	\$118,796	N/A

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			Source Assessment.	refine TMDL, provide allocation information in watershed, and identify potential BMP effectiveness.						Orange County						
Orange County	N/A	LAP45	Lake Roper Hydrological and Nutrient Pollutant Source Assessment.	Data and information from assessment can be used by stakeholders to refine TMDL, provide allocation information in watershed, and identify potential BMP effectiveness.	Study	Underway	2018	N/A	N/A	Lake Apopka Basin – Orange County	N/A	\$102,319	N/A	CIP Funds Provided by BOCC	\$102,319	N/A
Orange County	N/A	LAP46	Lake Tilden Hydrological and Nutrient Pollutant Source Assessment.	Data and information from assessment can be used by stakeholders to refine TMDL, provide allocation information in watershed, and identify potential BMP effectiveness.	Study	Underway	2018	N/A	N/A	Lake Apopka Basin – Orange County	N/A	\$184,811	N/A	CIP Funds Provided by BOCC	\$184,811	N/A
Orange County	Ocoee	ORANGE01	Street Sweeping	Unincorporated Orange County in Lake Apopka Basin. Contractor and FDOT conduct street sweeping. Contractor and FDOT sweep 460 mi of road periodically on annual countywide basis. Benchmark for sweeping is 3,000 cumulative mi annually. Based on typical street sweeping, debris picked up is 28 tons.	Street Sweeping	Completed	N/A	31	20	Lake Apopka Basin – Orange County unincorporated	N/A	N/A	\$60,000	County/ Winter Garden/ Apopka	Not provided	N/A
Orange County	N/A	ORANGE02	Clean Lakes Initiative Program	Unincorporated Orange County located in Lake Apopka, Lake Beauclair, and Lake Carlton drainage basins financial assistance (incentive program) for homeowners who voluntarily install berms and swales or restore shorelinelittoral zone with native vegetation. Up to \$1,000 reimbursement and waiver of permit fee to qualified applicants.	Education Efforts	Canceled	N/A	N/A	N/A	Lake Apopka Basin – Orange County unincorporated	N/A	N/A	N/A	N/A	N/A	N/A

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Orange County	N/A	ORANGE09-LAP	Educational Efforts	Unincorporated Orange County.	Education Efforts	Completed	N/A	N/A	TBD	Lake Apopka Basin – Orange County unincorporated	N/A	Not provided	Not provided	General Fund	Not provided	N/A
Orange County	N/A	ORANGE09-BCL	Educational Efforts	Unincorporated Orange County Lake Beauclair Basin.	Education Efforts	Completed	N/A	N/A	3	Lake Beauclair Basin – Orange County unincorporated	N/A	Not provided	Not provided	General Fund	Not provided	N/A
Orange County	LCWA	CARL01	Lake Carlton Nutrient and Hydrologic Assessment	Lake Carlton Watershed. Nutrient and hydrologic assessment of lake and identification of possible nutrient reduction projects. 3,100-ac watershed investigation.	Study	Underway	2018	N/A	N/A	Lake Carlton Basin – Orange County	N/A	\$185,825	N/A	County General Fund/ LCWA	Not provided	N/A
Orange County	N/A	ORANGE09-CARL	Educational Efforts	Unincorporated Orange County Lake Carlton Basin.	Education Efforts	Completed	N/A	N/A	6	Lake Carlton Basin – Orange County unincorporated	N/A	Not provided	Not provided	General Fund	Not provided	N/A
Orange County	City of Apopka	ORANGE09-MARSHAL	Educational Efforts	Implementation of educational efforts per new DEP guidelines: (1) FYN funded by county, (2) local ordinances existing or under development – landscape ordinance under revision to reflect FYN, fertilizer ordinance under development to require certifications and reduced TP content, and water conservation ordinance limiting landscape irrigation, (3) PSAs including pet waste, (4) Information pamphlets addressing pollution reduction and good housekeeping from NPDES Program, (5) Water Atlas and website addressing nutrient reduction, and (6) proactive and reactive inspection programs associated with NPDES	Education Efforts	Completed	N/A	N/A	3	Lake Marshall Basin – Orange County	N/A	Not provided	Not provided	General Fund	Not provided	N/A

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				and complaint system for call-in by residents.												
Orange County	N/A	ORANGE09-ROB	Educational Efforts	Implementation of educational efforts per new DEP guidelines: (1) FYN funded by county, (2) Local ordinances existing or under development – landscape ordinance under revision to reflect FYN, fertilizer ordinance under development to require certifications and reduced TP content, and water conservation ordinance limiting landscape irrigation, (3) PSAs including pet waste, (4) Information pamphlets addressing pollution reduction and good housekeeping from NPDES Program, (5) Water Atlas and website addressing nutrient reduction, and (6) proactive and reactive inspection programs associated with NPDES and complaint system for call-in by residents.	Education Efforts	Completed	N/A	N/A	2	Lake Roberts Basin – Orange County	N/A	Not provided	Not provided	General Fund	Not provided	N/A
Orange County	N/A	ROB02	Lake Roberts Nutrient and Hydrologic Loading Study	Lake Roberts nutrient and hydrologic loading study.	Study	Completed	2015	N/A	N/A	Lake Roberts Basin – Orange County	N/A	\$114,000	N/A	BOCC Capital Improvement Budget	\$114,000	N/A
Orange County	N/A	ROB03	Lake Roberts Feasibility Study	BMP construction feasibility study.	Study	Underway	2018	N/A	N/A	Lake Roberts Basin – Orange County	N/A	\$49,978	N/A	BOCC Capital Improvement Budget	\$49,978	N/A
Orange County	N/A	ORANGE04	Street Sweeping	Orange County. Maintained roads in subbasins that contribute to Lake Carlton and Lake Beauclair, which is primarily roads around Lake Ola and areas north of lake. Contracted street sweeping services on Orange County–maintained roads. Basin	Street Sweeping	Completed	N/A	TBD	TBD	TBD	N/A	N/A	\$3,300	General Fund BOCC	Not provided	N/A

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				area is 6,522 ac. Benchmark is 13.87 mi of roads swept monthly for annual total of 166.44 mi. Amount of debris collected through that effort is 3,080 lbs.												
Orange County	N/A	TBD	Lake Pearl (West) Hydro/Nutrient Assessment and Water Quality Improvement Plan	Watershed assessment, source characterization, and determination of relative source contributions. Report will produce list of ranked BMPs for further consideration and/or implementation.	Study	Underway	2018	N/A	N/A	TBD	N/A	\$168,443	N/A	County BOCC Capital Improvement Budget	\$168,443	N/A
Orange County	N/A	ORANGE03	Surface Water Protection Code	Orange County Code, Chapter 15, Articles II and IV. Orange County Air and Water Pollution Control Act provides protection and regulation of pollution and contamination of air, soil, and water resources of county.	Regulations, Ordinances, and Guidelines	Completed	Not provided	N/A	N/A	Upper Ocklawaha Basin – Orange County unincorporated countywide	N/A	Not provided	Not provided	County	Not provided	Not provided
Orange County	SJRWMD/ OCEPD	ORANGE06	WAV Program Support	WAV Program is public education and participation program for residents of Orange County. Part of MS4 Phase I public education requirement.	Education Efforts	Completed	N/A	N/A	N/A	Upper Ocklawaha Basin – Orange County unincorporated countywide	N/A	\$24,500	Not provided	General Fund/ County BOCC/ SJRWMD	SJRWMD – \$12,500 OCEPD – \$12,000	N/A
Orange County	N/A	ORANGE07	Water Resource Atlas	Web-based outreach education program focused on water resource issues. Web-based outreach program targeted at residents of Orange County. Objective is to inform residents about water resource issues including TMDLs, stormwater, water quality, etc.	Education Efforts	Completed	N/A	N/A	N/A	Upper Ocklawaha Basin – Orange County unincorporated countywide	N/A	Not provided	\$57,650	General Fund/ County BOCC	Not provided	N/A
Orange County	Orange County Parks Dept.	ORANGE08	Orange County Parks TP Fertilizer Reduction	Orange County Parks including Trimble, Roosevelt, Nichols, Magnolia Park, Chapin Station, Winter Garden Station, and County Line	Fertilizer Reduction	Completed	N/A	N/A	Not provided	Upper Ocklawaha Basin – Orange County	Not provided	N/A	N/A	Not provided	Not provided	Not provided

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				Station. OCEPD and Parks Dept. agreed to reduce use of phosphorus fertilizers for each new lawn care and maintenance contract issued on all park facilities. Agreement includes use of 0 % phosphorus, with 3 % for regular turf. Higher percentages of phosphorus are allowable on plants needing greater amounts and in localized areas. Prohibition on use of fertilizers, pesticides, specifically herbicides within 10 ft of shoreline. Application of weed controls directly rather than by broadcast methods. Limitation of nitrogen to less than 0.5 lbs per 1,000 square ft.						unincorporated countywide						
Orange County	N/A	ORANGE09-DORA	Educational Efforts	Unincorporated Orange County Lake Dora Basin.	Education Efforts	Completed	N/A	N/A	1	Upper Ocklawaha Basin – Orange County unincorporated countywide	N/A	Not provided	Not provided	General Fund	Not provided	N/A
Orange County	N/A	ROB01	Lake Roberts Sediment Inactivation	Lake Roberts in-lake surface water treatment and sediment inactivation.	Alum Injection System	Planned	Not provided	N/A	1,511	Within Lake Roberts – Orange County	112.0	\$231,225	N/A	General Fund	\$231,225	N/A
SJRWMD	DEP	LAP53	Stormwater Nutrient Loading Assessment of Lake Apopka Tributaries	SJRWMD Contract 31869. Storm event monitoring of tributaries on Lake Apopka southshore, includes project concept development for phosphorus load reductions. Implementation of projects will be via future cost-share or Florida Legislature appropriations.	Study	Underway	2018	N/A	N/A	Lake Apopka – SJRWMD	N/A	\$124,951	N/A	DEP Florida Legislature Appropriation	\$124,951	Resolution 2017-03: Statewide Surface Water Restoration and Wastewater Projects – Lake Apopka Restoration

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SJRWMD	N/A	HAR03	Harris Bayou Conveyance Project	Harris Conservation Area to Lake Griffin. Establish water flow connection to Lake Griffin. After connection established, future TP discharges from Project HAR02 will go to Lake Griffin instead of Lake Harris. Modification of hydrodynamics to accommodate higher flows of water.	Hydrologic Restoration	Completed	2008	N/A	N/A	Harris Conservation Area to Lake Griffin	N/A	\$5,000,000	N/A	Ad Valorem; Florida Legislature	Not provided	N/A
SJRWMD	LCWA/ Lake County/ EPA, Central Florida Beltway Trust Fund/ Mitigation	LAP05	Lake Apopka Constructed Marsh Flow-Way Phase 1	Constructed emergent marsh, which has four treatment wetland cells. It is located on northwest shore of Lake Apopka. Lake water is gravity fed into marsh flow-way, which is 800 ac. Water is then pumped from flow-way into Apopka Beauclair Canal. Flow-way was designed to remove nutrients such as nitrogen and phosphorus. Most of phosphorus that it treats is in particulate form. Flow-way was designed to treat 150 cfs. Most of treated water is returned to Lake Apopka, while some water also flows downstream towards Lake County Nutrient Removal Facility and Apopka Beauclair Lock and Dam. In addition to removing TP and TN from Lake Apopka, system also removed 10.5 million lbs of TSS from July 1, 2016, to August 30, 2017. Data from September 2017 are not available because of hurricane.	Inlake Treatment	Completed	Prior to 2007	N/A	N/A	Lake Apopka Basin – SJRWMD	31,000.0	\$3,900,000	\$300,000	SJRWMD SWIM Florida Legislature Appropriation/ Ad Valorem/ Central Florida Beltway Trust Fund/ Mitigation/ Lake County/ LCWA/ EPA	Not provided	N/A
SJRWMD	DEP	LAP06	North Shore Restoration Area	North shore of Lake Apopka. Wetland habitat restoration. Completed	Wetland Restoration	Completed	Not provided	N/A	99,960	Lake Apopka Basin – SJRWMD	14,000.0	\$103,895,000	Not provided	SJRWMD/ DEP Florida Legislature	SJRWMD – \$103,805,00	Resolution 2017-03: Statewide

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				<p>upgrading Unit 1 alum system and began discharging away from Lake Apopka downstream to Apopka-Beauclair Canal in 2013. Completed upgrading Unit 2 alum system in 2014. Completed upgrading Duda alum system and upgrading internal levees in Unit 1 in 2016–17. In 2017–18, SJRWMD is developing revised biological assessment for U.S. FWS that will enhance water management options. SJRWMD also contracted with engineering firm to produce study targeted toward optimizing pump use and water movement on North Shore to further reduce nutrient loading to Lake Apopka.</p>										Appropriation (for internal levee project)	DEP Florida Legislature Appropriation – \$90,000	Surface Water Restoration and Wastewater Projects – Lake Apopka restoration for internal levee improvement project
SJRWMD	N/A	GRIF01	Lake Griffin Emeraldal Marsh Restoration	<p>Emeralda Marsh Conservation Area (northeast marshes) north of Haines Creek. Lake Griffin Emeraldal Marsh restoration: To be managed for wetland restoration, planting, alum treatment to bind phosphates in sediments, manage excess nutrient outflow. Remove phosphates and TSS. Wetland habitat restoration. Manage nutrient outflow to Lake Griffin to feasible loading of 1.1 kg/ha/yr or 1 lb/ac. Area 3 was reconnected to Lake Griffin in 2017.</p>	Wetland Restoration	Completed	2017	N/A	41,450	Lake Griffin Basin – SJRWMD	7,089.0	\$15,975,204	Not provided	SJRWMD Ad Valorem/ Florida Legislature	Not provided	N/A
SJRWMD	N/A	HAR02	Lake Harris Conservation Area	<p>North shore of Lake Harris. Restoration of former muck farm. Chemical treatment of</p>	Wetland Restoration, Alum	Completed	Not provided	N/A	6,665	Lake Harris Basin – SJRWMD	395.0	\$950,538	Not provided	SJRWMD Ad Valorem/ Florida Legislature	Not provided	N/A

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				soil (alum) to bind phosphates for nutrient control in 2008 and 2010. Another treatment scheduled for 2016. Aquatic and wetland habitat restoration. Reduce and manage nutrient outflow to Lake Harris or Lake Griffin to feasible loading of 1.1 kg/ha/yr or 1 lb/ac.	Injection System											
SJRWMD	N/A	LAP07	In-Lake Habitat Restoration	Lake Apopka. Planting of wetland vegetation in littoral zone, largely north shore through 2012. Helps improve fishery, improve water quality and may reduce nutrient levels, stabilize bottom, and reduce TSS. SAV has been monitored since 1997. Replanting trees in fringe of forested area bordering lake on north. Damage from hurricanes and disease caused loss of many trees used as rookery by wading birds.	Littoral Zone Planting	Completed	2012	N/A	Not provided	Within Lake Apopka – SJRWMD	20.0	Not provided	Not provided	SJRWMD Ad Valorem	Not provided	Not provided
SJRWMD	Lake County/ LCWA	LAP08	Removal of Gizzard Shad	Lake Apopka. Harvest of gizzard shad by commercial fishermen. Removal of fish removes nutrients from lake. Reduces recycling of nutrients from sediments and reduces sediment resuspension (TSS). Stabilizes bottom to reduce TSS. Direct TP removal ranged from high of 13,594 lbs in 2007 to low of 1,920 lbs in 2001. 7,738 lbs of TP were directly removed in 2017. TP recycling prevention ranged from high of 35,071 lbs in 2007 to low of 4,954 lbs in 2001. In 2017, 19,964 lbs of TP recycling were	Fish Harvesting	Completed	2007	N/A	N/A	Within Lake Apopka – SJRWMD	N/A	Not provided	\$600,000	SJRWMD Ad Valorem/ Lake County/ LCWA/ Florida Legislature	Not provided	N/A

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				prevented. From January 1, 2017, to December 31, 2017, 20,989 lbs of TN were directly removed by gizzard shad harvest.												
SJRWMD	FWC	LAP50	In-Lake Sump Project at Lake Apopka	SJRWMD Contract 27971. Dredging in Lake Apopka in northwest portion of lake to remove nutrient-laden sediments and create sump where unconsolidated flocculent can settle and be removed in future. Project also includes navigation dredging near mouth of Apopka-Beauclair Canal. Project will remove 28,400 lbs of TN and 662,00 lbs of TP.	Muck Removal/Restoration Dredging	Underway	2019	N/A	N/A	Within Lake Apopka – SJRWMD	121.9	\$4,700,000	N/A	FWC	\$4,700,000	N/A
SJRWMD	DEP	LAP51	Unconsolidated Floc Pumping	Pump unconsolidated floc from Lake Apopka to improve habitat. Project will remove 16,000 lbs of TN and 500 lbs of TP.	Muck Removal/Restoration Dredging	Underway	2018	N/A	N/A	Within Lake Apopka – SJRWMD	100.0	\$1,961,041	N/A	DEP Florida Legislature Appropriation	\$1,961,041	Resolution 2017-03: Statewide Surface Water Restoration and Wastewater Projects – Lake Apopka Restoration
SJRWMD	DEP/ UF	LAP52	Lake Apopka SAV Initial Assessment and In-Lake Planting Pilot Projects	SJRWMD Contract 31945 with UF. Purpose: Reestablish viable beds of SAV, document viability and growth, and assess environmental conditions that promote or limit establishment, persistence, and expansion of planted SAV. This will inform future large-scale efforts to restore SAV. Greater than 5 ac of planted SAV.	SAV Planting	Underway	2020	N/A	N/A	Within Lake Apopka – SJRWMD	N/A	\$750,000	N/A	DEP Florida Legislature Appropriation	\$750,000	Resolution 2017-03: Statewide Surface Water Restoration and Wastewater Projects – Lake Apopka Restoration
SJRWMD	N/A	BCL03	Gizzard Shad Harvest	Harvest of gizzard shad from Lake Beauclair by commercial fishermen. Removal of fish removes nutrient from lake.	Fish Harvesting	Completed	2012	N/A	N/A	Within Lake Beauclair – SJRWMD	N/A	Not provided	\$150,000	SJRWMD Ad Valorem/ Florida Legislature	Not provided	N/A

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				Reduces recycling of nutrients from sediments and reduces TSS. Stabilizes bottom to reduce TSS.												
SJRWMD	N/A	DORA13	Gizzard Shad Harvest	Harvest of gizzard shad from Lake Dora by commercial fishermen. Part of experimental assessment with UF and FWC. Removal of fish removes nutrient from lake. Reduces recycling of nutrients from sediments and reduces TSS. Stabilizes bottom to reduce TSS.	Fish Harvesting	Completed	2012	N/A	N/A	Within Lake Dora – SJRWMD	N/A	Not provided	\$150,000	SJRWMD Ad Valorem/ Florida Legislature	Not provided	N/A
SJRWMD	LCWA	GRIF02	Gizzard Shad Harvest	Harvest of gizzard shad from Lake Griffin by commercial fishermen. Expanded to Lake Dora and Lake Beauclair, with possible future expansion to other lakes in Harris Chain. Remove and export nutrients via fish. Reduces recycling of nutrients from sediments and reduces TSS. Stabilizes bottom to reduce TSS.	Fish Harvesting	Completed	2012	N/A	N/A	Within Lake Griffin – SJRWMD	N/A	\$1,000,000	N/A	SJRWMD Ad Valorem/ Florida Legislature Appropriation/ LCWA	Not provided	N/A
Town of Lady Lake	DEO	GRIF27	Service Area 1 and Service Area 3	Skyline Dr. drainage improvement. Improved stormwater conveyance system. Area covers Skyline Dr. north to Ray St., west to Summit St., and east to High St..	Stormwater System Rehabilitation	Underway	Not provided	N/A	Not provided	Lake Griffin Basin – Town of Lady Lake	Not provided	\$1,300,000	Not provided	Town/ DEO	DEO – \$750,000 Town – \$550,000	N/A
Town of Lady Lake	N/A	LADYL01	Public Outreach Program	Lady Lake contracts services for public education and participation program serving residents Lady Lake. This is a requirement of Phase II MS4 permit. WAV is public education and participation program serving residents of Lake and is Phase II MS4 requirement. Potential for	Education Efforts	Completed	N/A	N/A	N/A	Lake Griffin Basin – Town of Lady Lake townwide	N/A	Not provided	\$7,500	Town	Not provided	N/A

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				increasing community participation in BMPs that protect water resources.												
Town of Lady Lake	N/A	LADYL02	Street Sweeping	Townwide street sweeping to remove dirt and debris. Benchmark frequency is quarterly or as needed. Removal of debris and potential pollutants prevents their entry into lakes. Performance benchmark is 250 cubic yds/yr of material removed.	Street Sweeping	Completed	N/A	N/A	8	Lake Griffin Basin – Town of Lady Lake townwide	N/A	N/A	\$25,000	Town	Not provided	N/A
Town of Lady Lake	N/A	LADYL03	Stormwater System Maintenance	Townwide curb and gutter cleaning and catch basin vacuuming. Remove pollutants and debris before entering storm sewer system. Benchmark frequency for routine maintenance is quarterly or as needed.	BMP Clean Out	Completed	N/A	N/A	Not provided	Lake Griffin Basin – Town of Lady Lake townwide	N/A	N/A	Not provided	Town	Not provided	N/A