Nonpoint Source Projects-FY07													
Rank	Type	Theme	Project Sponsor	Project Name	Project Short Desc	Year #	Total Yrs	Multi yr?	TL Cost	$ in FY07	Pounds removed	Cost/Pound Removed/ Year	Nutrient Used for Computation
1	NPS	WQ	Duval County Health Department - Environmental Health & Safety Division	Septic Tank Enforcement Project	Identification and repair of failing septic tank systems in Duval County	9	10	Yes	$325,000	$ 325,000	Total pounds Kjeldahl Nitrogen: 77,911.34 lbs/year; Total pounds of Phosphorus: 27,827.63 lbs/year	$ 4.17	Kjeldahl N
2	NPS	WQ	City of Jacksonville, FL	Durkeeville West Drainage Improvements	Upgrade of drainage system with off-site detention ponds			no	$ 1,454,620	$ 363,000	657 lb TN and 159 lb TP.	$ 2,214.03	TN
3	NPS	WQ	City of Green Cove Springs	Implementation of Master Stormwater Management Plan - Gum St. Basin	Install Exfiltration and End of Pipe BMP in the Gum St. Basin which serves 54 acres of a fully developed area of the old City adjacent to the St. Johns River.			No	$2,062,000	$1,752,000	585 lbs / yr of Nitrogen, 390 lbs / yr of Phosporus, 3,206 lbs / yr of suspended solids and 2.92 tons / yr of floatables and sediment.	$ 3,524.79	Nitrogen
4	NPS	WQ	City of Green Cove Springs	Implement Master Stormwater Management Plan - Center St. Basin	Install Exfiltration and End of Pipe BMP in the Center St. Basin which serves 42 acres of the old City adjacent to the St. Johns River.			No	$2,687,000	$2,287,000	620 lbs / yr of Nitrogen, 450 lbs / yr of Phosporus, 3,448 lbs / yr of suspended solids and 3.04 tons / yr of floatables and sediment.	$ 4,333.87	Nitrogen
5	NPS	WQ	City of Green Cove Springs	Implement Master Stormwater Management Plan - Walburg St. Basin	Install End of Pipe BMP in the Walburg St. Basin which serves 22 acres of a fully developed area of the old City adjacent to the St. Johns River.			No	$310,000	$260,000	29 lbs / yr of Phosporus, 115 lbs / yr of suspended solids and 1.17 tons / yr of floatables and sediment.	$ 10,689.66	Phosphorus
6	NPS	WQ	City of Green Cove Springs	Implement Master Stormwater Management Plan - Clay St. Basin	Install End of Pipe BMP in the Walburg St. Basin which serves 28 acres of a fully developed area of the old City adjacent to the St. Johns River.			No	$497,000	$422,000	39 lbs / yr of Phosporus, 157 lbs / yr of suspended solids and 0.75 tons / yr of floatables and sediment.	$ 12,743.59	Phosphorus
7	NPS	WQ	City of Green Cove Springs	Implement Master Stormwater Management Plan - Ferris St. Basin	Install End of Pipe BMP in the Ferris St. Basin which serves 9.3 acres of a fully developed area of the old City adjacent to the St. Johns River.			No	$316,000	$266,000	11 lbs / yr of Phosphorus, 43 lbs / yr of suspended solids and 0.35 tons / yr of floatables and sediment.	$ 28,727.27	Phosphorus
8	NPS	WQ	City of Jacksonville	Lenox Avenue, Lane to Normandy	Roadway and drainage improvements on Lenox Avenue, Lane to Normandy, including construction of stormwater management facilities.			no	$ 5,468,221	$ 350,000	TN- 71 lb/yr, TP- 27 lb/yr	$ 77,017.20	TN
9	NPS	WQ	City of Jacksonville, FL	Pulaski Road Drainage Improvements	Roadway and drainage improvements on Pulaski Road, including construction of stormwater management facilities.			no	$ 4,055,848	$ 400,000	TN reduction- 13 lb/yr, TP reduction- 6 lb/yr	$ 311,988.31	TN
10	NPS	WQ	City of Jacksonville, FL	LaMoya Avenue Roadway Improvements project	Roadway widening with stormwater management facilities			no	$ 1,956,243	$ 195,000	Decreases the pollutant loading of TP into the Lower Basin by 5.4 lb/yr.	$ 362,267.22	Phosphorus
11	NPS	WQ	Clay County Board of County Commissioners	Williams Park Road Stormwater-Water Quality Enhancements	This project will consist of stabliization and stormwater runoff imporvements to a 7,661 linear foot corridor bordered by a large area of pristine wetlands and terminating at the St Johns River.			No	$ 927,000	$ 463,500	Approximately .88 acre/feet/year or 2,388,618 pounds/year of sediment runoff containing nitrogen, phosphorous, animal and plant waste, and petroleum products.	?	
12	NPS	WQ	City of Jacksonville	Sandalwood Canal Regional Stormwater Facility and Channel Improvements	Building regional stormwater facilities and instream improvements to reduce erosion and load to Hogpen Creek.			Yes	$ 5,000,000	$ 1,000,000	Dissolved phosphorus and nitrogen. The use of wet detention should yield a pollutant removal factor of 2 to 3 times that of dry detention systems (Loch Rane/Bel-Med Study 2001)	Unknown	

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13	NPS	WQ	Florida Department of Transportation (FDOT)	FDOT State Road A1A Stormwater Drainage Channel / Collection System Improvements Project, from State Road 212 north to Hopkins Creek	Project to Improve Stormwater Treatment / Attentuation and Erosion Control along the Stormwater Drainage Channel and Collection System for State Road A1A from State Road 212 north to Hopkins Creek	N/A	N/A	Yes	Pre-Preliminary Design (Very Soft Ballpark) Cost Estimate: $8,000,000. This ballpark estimated cost should be updated by FDOT each FY.	$1,000,000 for concept plan, preliminary design, and final design.	Unknown	Unknown	
14	NPS	WQ	Clay County Board of County Commissioners	Loch Rane/Bel-Med Regional Stormwater Treatment-Water Quality Enhancements	Funding will be used to design and construct stormwater treatment facilities in conjunction with the two major ditches that convey residential, commercial, and highway runoff from the Loch Rane/Bel-Med area into the Ortega River.			Yes	$ 4,171,400	$ 1,670,000	Dissolved phosphorus and nitrogen. The use of wet detention should yield a pollutant removal factor of 2 to 3 times that of dry detention systems (Loch Rane/Bel-Med Study 2001)	Unknown	
15	NPS	Habitat	City of Jacksonville	Hogans Creek Ecosystem Restoration Project	Restoration of impacted urban stream habitat through wetland creation, littoral enhancement, and muck removal.			Yes	$ 5,016,000	$ 400,000	To be provided when final wetland configuration and species composition is determined.	Unknown	
16	NPS	Habitat	City of Jacksonville	Big Fishweir Creek Ecosystem Restoration Project	Restoration of impacted urban stream habitat through the restoration of the stream contour, aquatic vegetation planting, littoral zone enhancement, and muck removal.			Yes	$ 2,216,000	$ 200,000	To be provided when final wetland configuration and species composition is determined.	Unknown	
17	NPS	WQ	City of Green Cove Springs	Purchase a vacuum street sweeper.	Purchase a vacuum street sweeper for use on city streets to remove fine particles from the street and prevent them from washing into the St. Johns River.			No	$155,000	$130,000	177.5 tons / yr of trash and sediment.	Unknown	
								Totals	**$44,617,332**	**$ 11,483,500**			

Point Source Projects-FY07

Rank	Type	Theme	Project Sponsor	Project Name	Project Short Desc	Year #	Total Yrs	Multi yr?	TL Cost	$ in FY07	Pounds removed	Cost/Pound Removed/ Year	Nutrient Used for Computation
1	PS	WQ	City of Green Cove Springs	South WWTP Reuse Distribution	Construct distribution lines for delivering reuse water to customers.			No	$775,000	$700,000	5,077 lbs. of N & 863 lbs. of P	$ 152.65	Nitrogen
2	PS	WQ	St. Johns County Utility	Northwest Water Reclamation Plant	Advanced wastewater treatment to provide full reuse			Yes	$ 10,000,000	$ 750,000	Nitrogen, Approximately 35,000 Lbs/Year	$ 285.71	Nitrogen
3	PS	WQ	City of Jacksonville Beach	Implementation of Jacksonville Beaches WWTP Improvements	The requested funding will be used to fund initially an assessment of the needed improvements to assist the Jacksonville BeachesWWTP facilities to meet the LSJRB nutrient TMDL. The second through fifth years are projected to complete the design and construction. (Originally submitted last year by FDEP.)			Yes	Estimate unknown until 1st year study is completed	$ 500,000	Unknown	Unknown	
4	PS	WQ	City of Jacksonville Beach	Upgrade Wastewater Treatment Facility to Advanced Waste Treatment Process, Jacksonville Beach, Florida	Project to Upgrade the Existing Secondary Treatment Wastewater Facility of Jacksonville Beach to Advanced Waste Treatment utilizing the existing constrained site.			Yes	Pre-study Very Soft Ballpark Cost Estimate: $13,000,000. This estimated cost will be updated each FY.	$1,200,000 estimated for the engineering study, preliminary design, permitting, and final design	Unknown	Unknown	
5	PS	WQ	City of Palatka	Palatka Reuse Wastewater Project	Reuse of reclaimed wastewater on City's golf course	2	3	Yes	$ 750,000	$ 600,000	Primarily nitrogen along with phospherous and other lesser polutants in effluent.	Unknown	
								Totals	**$ 24,525,000**	**$ 3,750,000**			