

**Current and Planned Projects and Activities to Help Achieve TMDLs in the Lake Jesup Basin
(As of July 16, 2008)**

WBID	Subbasin	Project Name	Lead Entity	Project Detail	Project Start	Project End	Project Cost	Funding Source(s)	Estimated TP Reduction (MT/yr)	Expected Result-TP Concentration (mg/L)	Status
	Gee Creek	Swales	Altamonte Springs	As part of the new home construction, the City is requiring installation of rear yard swales to reduce nutrient loadin							5=Ongoing
		Interagency Project	Altamonte Springs	Buy into larger scale interagency project and/or swap allocation in this basin with another entity in a different basin where we have a larger stakehol							4=Envisioned, but Not Funded
2994K	Gee Creek	Lake Concord Stormwater Park/ Anniversary Park	Casselberry	Redevelopment and Retrofit of City-owned property into an educational stormwater Park including installation of 2 baffle boxes and an exfiltration trench, and other BMP	10/2007	03/2009 (estimated)	\$3,000,000	Stormwater Utility (construction), Community Redevelopment Agency (design/construction), possible TMDL/319 Grants, FRDAP Grants, other City funds	0.0018	N/A	2=Started
2994B1	Gee Creek	North Lake Triplet Shoreline Revegetation	Casselberry	Remove existing nuisance vegetation from the north and wes shores of North Lake Triplet and replace with beneficial species install reverse berm and swal	12/2007	12/2014	\$80,000	Stormwater Utility Func	N/A	N/A	2=Started
2994B1	Gee Creek	Middle Lake Triplet Shoreline Revegetation	Casselberry	Remove existing nuisance vegetation from the north shore o Middle Lake Triplet and replace with beneficial species; install reverse berm and swal	10/2014	12/2014	\$33,000	Stormwater Utility Func	N/A	N/A	3=Planned & Fundex
2994I	Gee Creek	Secret Lake Shoreline Revegetation	Casselberry	Remove existing nuisance vegetation from the east anc southwest shores of Secret Lake and replace with beneficial species; install 2 reverse berms and swale	01/2008	05/2008	N/A	Stormwater Utility Func	N/A	N/A	1=Completed
2997B	Howell Creek	Sonora Drive at Desoto Drive Baffle box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2010	09/2011	\$170,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2997B	Howell Creek	672 San Pablo Avenue Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2009	09/2010	\$150,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2997B	Howell Creek	676 San Pablo Avenue Baffle box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2009	09/2010	\$150,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2997B	Howell Creek	Madrid Drive at Desoto Drive Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2009	09/2010	\$150,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2994B1	Gee Creek	360 South Lake Triplet Drive Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2011	09/2012	\$140,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2994B1	Gee Creek	530 South Lake Triplet Drive Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2011	09/2012	\$140,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2994I	Gee Creek	205 Secret Way Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2015	09/2016	\$60,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2994I	Gee Creek	Secret Way at canal Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2014	09/2015	\$170,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2994A	Gee Creek	808 Osceola Trail Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2013	09/2014	\$140,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
A (Lake Hodge)	Gee Creek	Lake Hodge Park Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2011	09/2012	\$170,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2994B1	Gee Creek	161 South Lake Triplet Drive Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2011	09/2012	\$170,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
2994B1	Gee Creek	51 North Lake Triplet Drive Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2014	09/2015	\$140,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
A (Grassy Lake)	Gee Creek	Live Oaks Center Baffle Box	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2010	09/2011	\$100,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
A (Queen's Mirror)	Gee Creek	Carriage Hill Unit 4 Baffle Boxes at the three outfalls north of Violet Dell, Tulip Trail and Lowndes SquareQueens Mirror	Casselberry	Replace existing storm manholes with Baffle Boxes for remova of pollutants (sediment and detritus	10/2012	09/2013	\$400,000	Stormwater Utility Fund; possible SJRWMD and EPA 319 funds	N/A	N/A	3=Planned & Fundex
N/A	Gee Creek	Park Drive Drainage/Wetland Improvements	Casselberry	Construction of stormwater retention area on Lots 10A & 11 on north side of Park Drive	10/2013	09/2014	\$36,000	Stormwater Utility Func	N/A	N/A	3=Planned & Fundex
A (Lake Lotus)	Gee Creek	West Concord Drive Drainage Improvements	Casselberry	Construction of curb and gutter drainage system along West Concord Drive between Anchor Road and Lotus	10/2015	09/2016	\$490,000	Stormwater Utility Func	N/A	N/A	3=Planned & Fundex
N/A	Gee Creek	Carriage Hill Stormwater Detention Pond	Casselberry	Lane with stormwater retention for existing neighborhoo	10/2012	09/2013	\$475,000	Stormwater Utility Func	N/A	N/A	3=Planned & Fundex
A (Queen's Mirror)	Gee Creek	Install Aeration System in Queens Mirror	Casselberry	Construction of a wet detention pont in the wetland area that is the outfall for four sub-systems that collectively comprise stormwater collection systems for Carriage Hill Unit 1, 2 and 3.	10/2010	09/2011	\$30,000	Stormwater Utility Func	N/A	N/A	3=Planned & Fundex
2994B1	Gee Creek	Install Aeration System in South Lake Triplet	Casselberry	Installation of an aeration system to satisfy the high BOD loading to this waterbody	10/2010	09/2011	\$40,000	Stormwater Utility Func	N/A	N/A	3=Planned & Fundex
A (Grassy Lake)	Gee Creek	Fountain/Aeration and Revegetation for Grassy Lake	Casselberry	Installation of an aeration system to satisfy the high BOD loading to this waterbody but constructed as a decorative fountain. The project would also include shoreline revegetation for both aesthetics and nutrient removal with environmental swale construction as practicabl	10/2009	09/2010	\$150,000	Stormwater Utility Func	N/A	N/A	3=Planned & Fundex

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N/A	Gee Creek	Alum Injection System for Carriage Hill Detention Pond	Casselberry	Construction of a feed system for the addition of aluminum sulfate salt (alum) to the influent to the new wet detention pond for removal of pollutants, especially phosphorus, from stormwater system influent to Queens Mirror and the Triplet Lake chain	10/2013	09/2014	\$120,000	Stormwater Utility Fund	N/A	N/A	3=Planned & Funded
IA (Lake Hodge)	Gee Creek	Lake Hodge Park Shoreline Revegetation	Casselberry	The shoreline along the east shore of Lake Hodge at Lake Hodge Park would be cleaned of nuisance vegetation and replaced with beneficial aquatic, littoral and upland species; environmental swale and reverse berms installed as practicable	10/2014	09/2015	\$20,000	Stormwater Utility Fund	N/A	N/A	3=Planned & Funded
IA (Grassy Lake)	Gee Creek	Anchor Road Reconstruction	Casselberry	Reconstruction of Anchor Road with drainage improvements including upgraded detention/retention pond	10/2007	06/2008	\$3,000,000	City of Casselberry, Seminole County, and Community Development Block Grant	0.0169	N/A	2=Started
2986	Soldier's Creek	Wetland	Lake Mary	Maintaining existing wetland and sampling and monitoring	1/1/2005	12/31/2005					1=Completed/5=Ongoing
2986	Soldier's Creek	Wetland	Lake Mary	Same as above	1/1/2005	12/31/2005	\$5000	Stormwater Utility	0.104	0.02-0.7	1=Completed
2986	Soldier's Creek	Lake Mary Woods	Lake Mary	Eliminating 106 septic tanks some of them were failing	5/2005	4/2006	\$3,700,000	Lake Mary Water and Sewer Fund	0 to 3.5 mg/liter	0-1.5 mg/liter	5=Ongoing
2986	Soldier's Creek	Code of Ordinance	Lake Mary	Adopting Ordinance to include LID.	6/2008	Ongoing	\$5000 L.S.	Lake Mary General Fund	Undetermined	undetermined	5=Ongoing
2986	Soldier's Creek	Cold Mix Paving	Lake Mary	Paving City dirt roads with Cold Mix instead of asphalt to reduce stormwater runoff and increase recharge to ground aquifer	2006; 2007	Ongoing	\$60,114 in 2006; \$200,175 in 2007	Stormwater Cold-mix Fund	Undetermined	undetermined	
		Ridge St., Oak Lane, Talmo St., Longwood St. Paving and Drainage Project	Longwood	Paving and drainage improvements on Ridge St., Oak Lane, Talmo St., Longwood St.	2008	2009	\$941,000	1-cent infrastructure surtax, local option gas tax, assessment, interest earning			3=Planned & Funded
		Overstreet, Woodcock St., Hardy St. Paving and Drainage Project	Longwood	Paving and drainage improvements on Overstreet Ave., Woodcock St., Hardy St.	2009	2010	\$936,600	1-cent infrastructure surtax, local option gas tax, assessment, interest earning			3=Planned & Funded
		Oxford St., Evergreen Ave., Tullis Ave. Paving and Drainage Project	Longwood	Paving and drainage improvements on Oxford St., Evergreen Ave., Tullis Ave.	2010	2011	\$795,600	1-cent infrastructure surtax, local option gas tax, assessment, interest earning			3=Planned & Funded
		Florida Ave., West Jesup Ave., 12th Street Paving and Drainage Project	Longwood	Paving and drainage improvements on Florida Ave., West Jesup Ave., 12th Street	2011	2012	\$776,700	1-cent infrastructure surtax, local option gas tax, assessment, interest earning			3=Planned & Funded
		South Grant Street Drainage Project	Longwood	Drainage improvements on South Grant Street	2008	2009	\$300,000	Stormwater Utility Fee			3=Planned & Funded
		North Grant Street Drainage Project	Longwood	Drainage improvements on North Grant Street	2009	2010	\$300,000	Stormwater Utility Fee			3=Planned & Funded
		Wastewater Facilities Improvement - Ridge, Oak, Talmo	Longwood	Installation of wastewater facilities on Ridge, Oak, and Talmo	2008	2009	\$230,000	Public Utilities Fund Revenue:			3=Planned & Funded
		East Vacuum System Phase 1	Longwood	Installation of vacuum sewer system	2008	2009	\$450,000	Public Utilities Fund Revenue:			3=Planned & Funded
		Wastewater Facilities Improvement - Overstreet	Longwood	Installation of wastewater facilities on Overstreet Ave	2009	2010	\$450,000	Public Utilities Fund Revenue:			3=Planned & Funded
		East Vacuum System Phase 2	Longwood	Installation of vacuum sewer system	2009	2010	\$230,000	Public Utilities Fund Revenue:			3=Planned & Funded
		Wastewater Facilities Improvement - Oxford St.	Longwood	Installation of wastewater facilities and mandatory commercial hook-up on Oxford St.	2010	2011	\$350,000	Public Utilities Fund Revenue:			3=Planned & Funded
		Wastewater Facilities Improvement - Evergreen Ave.	Longwood	Installation of wastewater facilities on Evergreen Ave	2010	2011	\$180,000	Public Utilities Fund Revenue:			3=Planned & Funded
		Wastewater Facilities Improvement - Tullis Ave	Longwood	Installation of wastewater facilities on Tullis Ave	2010	2011	\$250,000	Public Utilities Fund Revenue:			3=Planned & Funded
		East Vacuum System - Phase 3	Longwood	Installation of vacuum sewer system	2010	2011	\$350,000	Public Utilities Fund Revenue:			3=Planned & Funded
		Wastewater Facilities Improvement - 17-92 East, SR 434 to Sunshadow	Longwood	Installation of vacuum sewer system	2011	2012	\$675,000	Public Utilities Fund Revenue:			3=Planned & Funded
		East Vacuum System - Phase 4	Longwood	Installation of vacuum sewer system	2011	2012	\$300,000	Public Utilities Fund Revenue:			3=Planned & Funded
		North Street, RR - Forest Ave	Longwood	Installation of vacuum sewer system	2012	2013	\$60,000	Public Utilities Fund Revenue:			3=Planned & Funded
		West Vacuum System - Phase 1	Longwood	Installation of vacuum sewer system	2012	2013	\$300,000	Public Utilities Fund Revenue:			3=Planned & Funded
3014 & 3001	Little Econ	Little Econ River Basin SWMM	Orange County	Infrastructure & Water Quality Inventory & Assessment Hydraulic flood modeling	Feb-99	May-06	500000	Ad valorem funding			1=Completed
3030	Big Econ	Big Econ River Basin SWMM	Orange County	Infrastructure & Water Quality Inventory & Assessment Hydraulic flood modeling	Dec-99	Oct-05	500000	Ad valorem funding			1=Completed
3030	Big Econ	Pond A-1 Channel A, N-4 & KE Lake Waunatta Drainage and Water Quality Retrofits	Orange County	Construction of 8 ac. Wet pond and upgrade of stormwater conveyance	Mar-86	Sep-02	4000000	Ad valorem funding			1=Completed
2981	Howell Creek		Orange County	Channel and wetland structure improvement	Mar-00	Aug-03	200000	Ad valorem funding			1=Completed
3014	Little Econ	Bates Rd (Crane Strand Bridge)	Orange County	erosion protection for bridge abutments	Mar-97	May-99	200000	Ad valorem funding			1=Completed
3014	Little Econ	East Orlando Canal	Orange County	construction of a wet detention pond	Jun-04	Ongoing	7000000	Ad valorem funding	0.64		4=Envisioned, but Not Funded
2997J	Howell Creek	Stormwater Filtration Systems / Inlet Baskets	Orlando	Installation of 2 inlet baskets in Lake Rowena basin		2007	\$1800	City of Orlando Stormwater Utility Fee			1=Completed
2997Q	Howell Creek	Lake Dot Water Quality Restoration	Orlando	Installation of Alum Treatment System, where aluminum sulfate (alum) is injected into stormline on a flow-proportioned basis	1988	07/1990	\$569,207	City of Orlando Stormwater Utility Fee	297 lbs/yr		1=Completed

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2997L	Howell Creek	Hazel Street Outfall Improvements	Orlando	Installation of Continuous Deflective Separation (CDS) Unit at Lake Winyah from 96" pipe	07/2000	07/2003	\$410,992	City of Orlando Stormwater Utility Fee	90 lbs/yr		1=Completed
2997J	Howell Creek	Lake Rowena Screening Facility & Alum Stormwater Treatment	Orlando	Installation of an underground, flow-actuated rotating bar screen on 108" outfall pipe to capture debris with additional treatment via Alum Treatment System	1994	1996	\$596,512	City of Orlando Stormwater Utility Fee	498 lbs/yr		1=Completed
2997N	Howell Creek	CDS Unit at Lake Highland	Orlando	Installation of Continuous Deflective Separation (CDS) Unit at Lake Highland	1998	1999	\$60,000	City of Orlando Stormwater Utility Fee	9 lbs/yr		1=Completed
2997J	Howell Creek	Mills Avenue Retrofit	Orlando	Construction of baffle box on Mills Ave., adjacent to Lake Rowena to treat runoff from 36" and 24" stormlines	01/2009	04/2009	\$250,000	City of Orlando Stormwater Utility Fee	57 lbs/yr		3=Planned & Funded
2997R	Howell Creek	Overbrook Stormwater Improvements	Orlando	Construct baffle box upstream of Lake Adair; Implement pollution prevention methods, including gravel bottom and check dams to settle out pollutants	10/2007	07/2008	\$400,000	City of Orlando Stormwater Utility Fee + Ad valorem funding	84.6 lbs/yr		2=Started
2997R	Howell Creek	Guernsey Park - Expansion of Wet Detention Pond	Orlando	Expansion of wet detention pond to treat 61% of sub-basin drainage	n/a	n/a	\$425,000	City of Orlando Stormwater Utility Fee	39.3 lbs/yr		4=Envisioned, but Not Funded
2997R	Howell Creek	Ivanhoe Park Exfiltrator	Orlando	Installation of exfiltration galleries to treat 100% of sub-basin drainage	n/a	n/a	\$1,100,000	City of Orlando Stormwater Utility Fee	58.9 lbs/yr		4=Envisioned, but Not Funded
2997P	Howell Creek	Don Dudley Park Baffle Box	Orlando	Construct baffle box upstream of Lake Concord and reroute flow to treat nearly 100% of two sub-basins	n/a	n/a	\$156,000	City of Orlando Stormwater Utility Fee	58.1 lbs/yr		4=Envisioned, but Not Funded
2997L	Howell Creek	Winyah (Pelham Rd/Westminster St) Baffle Box	Orlando	Construct baffle box upstream of Lake Winyah to treat 75% of sub-basin	n/a	n/a	\$95,000	City of Orlando Stormwater Utility Fee	65.1 lbs/yr		4=Envisioned, but Not Funded
2997L	Howell Creek	Winyah (Westchester Ave/Wilkinson St) Baffle Box	Orlando	Construct baffle box upstream of Lake Winyah to treat 71% of sub-basin	n/a	n/a	\$72,000	City of Orlando Stormwater Utility Fee	26.5 lbs/yr		4=Envisioned, but Not Funded
2997R	Howell Creek	Westmoreland Baffle Box	Orlando	Construct baffle box upstream of Lake Adair	n/a	n/a	\$35,000	City of Orlando Stormwater Utility Fee	3.4 lbs/yr		1=Completed
2997R	Howell Creek	Stormwater Filtration Systems / Inlet Baskets	Orlando	Installation of 10 inlet baskets around perimeter of Lake Adair		2007	\$9000	City of Orlando Stormwater Utility Fee			1=Completed
2997S	Howell Creek	Stormwater Filtration Systems / Inlet Baskets	Orlando	Installation of 11 inlet baskets in Spring Lake basin		2007	\$9900	City of Orlando Stormwater Utility Fee			1=Completed
2997M	Howell Creek	Stormwater Filtration Systems / Inlet Baskets	Orlando	Installation of 13 inlet baskets in Lake Formosa basin		2007	\$11,700	City of Orlando Stormwater Utility Fee			1=Completed
2997N	Howell Creek	Stormwater Filtration Systems / Inlet Baskets	Orlando	Installation of 34 inlet baskets in Lake Highland basin		2007	\$30,600	City of Orlando Stormwater Utility Fee			1=Completed
2997F + 2997I	Howell Creek	Stormwater Filtration Systems / Inlet Baskets	Orlando	Installation of 58 inlet baskets in Lake Ivanhoe basin		2008	\$51,500	City of Orlando Stormwater Utility Fee			1=Completed
		Street Sweeping	Orlando	Street Sweeping throughout all public roads within City limits	approx. 01/1977		\$1,800,000/yr	City of Orlando Stormwater Utility Fee			1=Completed
		Storm Sewer Inlet Marker Installation	Orlando	To increase awareness, install metal placards above curb inlets giving instructions, "No Dumping! Drains to Lake"	01/1998		\$500/yr	City of Orlando Stormwater Utility Fee			1=Completed
		Green Business	Orlando	Increase the implementation of BMP's in Landscaping, Vehicle Maintenance and Restaurant Industry	8/10/05			City of Orlando Stormwater Utility Fee + Section 319 Nonpoint Source Management Program - Grant from USEPA			2=Started
		Groundskeeping Maintenance Training	Orlando	Mandatory training on how to protect the City's stormwater system for all Contractors awarded City Groundskeeping contracts & applicable City personnel	02/2005			City of Orlando Stormwater Utility Fee			1=Completed
	Site 10 and Middle Basin	Proposed Alternative Water Supply Project Near SR46	Sanford/Oviedo	Reclaimed/stormwater pond improvements for use of alternative water supply Inter-connect with Water Supply Parties Involved with this project	2009	2013	\$2,866,614,592	SR46 Partners and SJRWMD	2.2/year for each 1 million-gal per day reclaimed water moved inland	NA	
	Site 10 & Middle Basin*	Reclaimed Inter-Local Agreement with Volusia Co	Sanford	Move 1.5 MGD reclaimed water from discharges to Site 10 and Middle Basin	Sep-07	12/31/2009	\$3,363,429	Sanford/Volusia	3.2	NA - Concentration all removed if discharges eliminated	
	Site 10 & Middle Basin**	ACTIFLO Treatment Process	Sanford	ACTIFLO Treatment Process to be added after Secondary Treatment to Reduce Pollutants	May 2008	January 2009	\$3,100,000	Sanford/SJRWMD	Middle Basin = 0.66 Site 10 = 3.3	0.75	
	Site 10 & Middle Basin***	Stormwater inflow/Groundwater infiltration WRF Flow Reduction	Sanford	Rehab of old sewer infrastructure will assist to reduce high flow to City's Water Reclamation Facilities. Excess of reclaimed product is discharged to surface water (MSJR) and Site 10	March 2005	on-going	\$37/LF	Sanford & FDEP	Middle Basin = 1.1 Site 10 = 1.1	0.75	
	Site 10 & Middle Basin****	Nutrient Removal System	Sanford	Addition of a nutrient removal system	September 2010 (pending CIP approval)	October 2012	\$1,000,000	Sanford/Grant	1.9	0.2	
	Site 10 & Middle Basin*****	MaxWest Gasification System	Sanford	System uses wastewater sludge to produce syngas. This gas is oxidized to produce renewable thermal energy	September 2008	January 2009	Power cost of \$270,000/year. MaxWest owns and operate the unit	Sanford	28 (including reclaimed water and biosolid application)	The expected TP reductions is unknown at this time as it will all depend on ACTIFLO system nutrient reduction. This system is under construction	

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	Site 10 and Middle Basin*****	Reclaimed Inter-Local Agreement with Lake Mary and Seminole County	Sanford	Inter-Connect interlocal agreement will allow moving reclaimed water inland reducing river discharges. Part of this project is to construct inland storage for wet weather condition	January 2006	January 2010	Mill Creek Pond Approx Cost = \$1,731,038	Tri-Party Agreement between Seminole Co. Lake Mary; and Sanford	2.2/year for each 1 million-gal per day reclaimed water stored at this pond and not discharged into the basin	NA	
2893C	Monroe	Elder Creek RSF	Seminole County	Construction of a regional stormwater facility to treat Elder Creek and roadway runoff from a portion of County Road 15	2/20/2006	01/19/2007	5,041,113 (Right of way 22 acres, 1,558,285, design 53,158: construction 3,229,670, CIE 200,000)	Seminole County Transportation Fund	TBD ** (Monitoring being conducted on actual pollutant removal rates beginning 7/07EST)		1=Completed
2982	Jesup	Navy Canal Regional Stormwater Facility	Seminole County	Regional Stormwater facility to treat water in the subbasin upstream	3/1/2005	10/14/2006	\$ 2,112,336 (design 275,305: R/W -N/A: construction 1,832,531: Misc 4500 permit fee	SJRWMD(1,660,000) Seminole County(452,336)	111lbs/yr		1=Completed
3014	Little Econ	Crane Strand RSF	Seminole County	Construction of a regional stormwater facility to treat runoff from the surrounding subbasin of 1832 acre	6/12 2006	1/31/2007	1,861,154 (design 178,154: R/W - N/A: constructoin 1,558,000: CEI 125,000	\$2,096,043 (Seminole County \$1,346,043 and SJRWMD \$750,000)	666 lbs/yr		1=Completed
2981B1	Jesup	Cameron Ditch Regional Stormwater Facility	Seminole County	Regional stormwater facility to treat water in the subbasin upstream	4/17/2006	10/14/2006	\$ 3,735,374 (design 277,684: R/W N/A: construction 1,161,155: CEI 74,875: misc 109,324)	SJRWMD(2,923,424) Seminole County (811,950)	258 lbs/yr		1=Completed
	Jesup (Howell Creek)	Lake Howell Road Pond Retrofit	Seminole County	Retrofit of an old FDOT pond now under county jurisdiction that drains Howell Branch Road	Estimate May 2007	Estimate August 2007	N/A	Seminole County	TBD		3 (Construction to begin 5/2007)
	Howell Creek	Lake Island Interconnect	Winter Park	First Flush bypass to Wet Retention Pond:	Jun-02	Sep-03	\$408,009	Stormwater Utility	0.0592	0.05	1=Completed
	Howell Creek	Via Lugano Exfiltration	Winter Park	Off Line Exfiltration	Oct-96	Nov-97	\$200,000	Stormwater Utility	0.0199	0.02	1=Completed
	Howell Creek	N. Park Ave. Exfiltration	Winter Park	Off Line Exfiltration	Jun-04	Oct-04	\$250,000	Stormwater Utility	0.0181	0.03	1=Completed
	Howell Creek	Fairway 3 Exfiltration	Winter Park	Off Line Exfiltration	Nov-06	Oct-07	\$1,000,000	Stormwater Utility and Florida Forever Grant	0.0267	0.01	1=Completed
	Howell Creek	McKean Road CDS	Winter Park	CDS UNIT ON 24" OUTFALL	May-04	Jun-05		SJRWMD / CWP Stormwater Utility	0.0050	0.24	1=Completed
	Howell Creek	Pine-tree Rd Outfall CDS	Winter Park	CDS UNIT ON 42" OUTFALL	May-04	Jun-05		Stormwater Utility	0.0496	0.23	1=Completed
	Howell Creek	1190 Park Ave CDS	Winter Park	CDS UNIT ON 30" OUTFALL	Aug-98	Nov-99		Stormwater Utility	0.0171	0.21	1=Completed
	Howell Creek	Moss/Venetian Dry Capture Baffle box	Winter Park	BAFFLE SCREEN ON 15" OUTFALL	Feb-00	Mar-07		Stormwater Utility	0.0028	0.20	1=Completed
	Howell Creek	Green Cove Road 2 CDS Units	Winter Park	2 CDS UNITS ON TWO 24" OUTFALLS	May-04	Jun-06		SJRWMD / CWP Stormwater Utility	0.0104	0.24	1=Completed
	Howell Creek	Courtland / Alum Injection treatment	Winter Park	Alum injection at Lake Mizell outfall				Stormwater Utility	0.0739	0.03	1=Completed
	Howell Creek	Partnership / wet detention / Windsong	Winter Park	Developer's agreement to treat Palmer ditch basin run off within site MSSW				Stormwater Utility	0.0591	0.21	1=Completed
	Howell Creek	Lincoln Ave Alum Injection treatment	Winter Park	Alum injection at Lake Osceola outfall				Stormwater Utility	0.0145	0.03	1=Completed
	Howell Creek	Alexander Place Alum Injection treatment	Winter Park	Alum injection at Lake Osceola outfall				Stormwater Utility	0.0230	0.03	1=Completed
	Howell Creek	Morse /Alum Injection treatment	Winter Park	Alum injection at Lake Osceola outfall				Stormwater Utility	0.0620	0.03	1=Completed
	Howell Creek	Baffle Box/ Alum injection/ Webster Ave	Winter Park	Alum injection at Lake Osceola outfall				Stormwater Utility	0.0527	0.02	1=Completed
	Howell Creek	Trismen and Lakewood Drive Exfiltration	Winter Park	Off Line Exfiltration				Stormwater Utility	0.0063	0.03	1=Completed
	Howell Creek	Trismen CDS Unit	Winter Park	CDS Unit on 24" outfall				Stormwater Utility	0.0004	0.23	1=Completed
	Howell Creek	Trismen Dry Baffle Box	Winter Park	Baffle screen on 15" outfall				Stormwater Utility	0.0018	0.20	1=Completed
	Howell Creek	Elizabeth CDS treating Inlet at Bonita and Dale	Winter Park	CDS on 15" Pipe	May-04	Jun-06		Stormwater Utility	0.0023	0.24	1=Completed
	Howell Creek	Lake Chelton Outfall Improvement	Winter Park	4 Dry Capture Baffle inlets and boxes	Sep-03	Jan-04		Stormwater Utility	0.0182	0.18	1=Completed
	Howell Creek	Lakeview Road Bricking	Winter Park	CDS Installation on 24" Outfall	Mar-06			Stormwater Utility	0.0073	0.23	1=Completed
	Howell Creek	Mead Gardens Borrow Pit Pond Retrofit	Winter Park	Retrofit Screening devices to existing MSSW	May-06	Sep-06		Stormwater Utility and 319 Grant	0.0461	0.18	5=Ongoing
	Howell Creek	Glencoe Road Bricking	Winter Park	Stormwater capture and screening system	Mar-07	Jun-07		Stormwater Utility	0.0033	0.20	1=Completed
	Howell Creek	Laurel Road Dry Retention Pond	Winter Park	On Line Dry retention Pond	May-99	Mar-01		Stormwater Utility / 319 Grant	0.0134	0.12	1=Completed
	Howell Creek	Alum Injection Treatment / Rollin: 9th Grade Center Pond Wet Detention	Winter Park	Alum injection At Outfalls to Lake Virginia	Jan-95			Stormwater Utility	0.0648	0.02	1=Completed
	Howell Creek		Winter Park	Wet Detention Pond Retrofit	Pre 1995	Pre 1995		Stormwater Utility	0.0959	0.07	1=Completed

Current and Planned Projects and Activities to Help Achieve TMDLs in the Lake Jesup Basin
(As of July 16, 2008)

WBID	Subbasin	Project Name	Lead Entity	Project Detail	Project Start	Project End	Project Cost	Funding Source(s)	Estimated TP Reduction (MT/yr)	Expected Result-TP Concentration (mg/L)	Status
	Howell Creek	Lakeview Bricking	Winter Park	Stormwater Capture and screening system	Feb-05	Nov-06		Stormwater Utility	0.0054	0.15	1=Completed
	Howell Creek	Oxford Road Bricking	Winter Park	Stormwater Capture and screening system	Aug-06	Nov-06		Stormwater Utility	0.0044	0.19	1=Completed
	Howell Creek	Stormwater Ordinance #1832 6/25/89 Fully enforced 1/91	Winter Park	City Ordinance requiring 1" Treatment for new Commercial and Residential development and redevelopment	Jan-91	OnGoing		Private Development	0.2851	0.02	5=Ongoing
	Howell Creek	Lake Island Park	Winter Park	Created treatment volume in Lake Mednsen, construct control structures for wet detention treatment	Pre 10095	Mar-96		City of Winter Park	0.2025	0.06	1=Completed
	Howell Creek	950 Palmer Ave Retrofit	Winter Park	Stormwater capture and screening system	Jul-07			Stormwater Utility	0.0144	0.20	5=Ongoing