

Wekiva BMAP - Draft Collection System Project List

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Entity	Credit Ranking	Subbasin	Project Name	Lead Entity	Project Partners	Project Type	Project Detail	ERP #	Project Start	Project End	Project Cost	Funding Source(s)	Estimated Nitrate Reduction (lbs/yr)	Nitrate Reduction Calculation Method	Status	Contact Name	Contact Phone	Contact Email	Comments
2	Apopka	Low Impact	Springshed/ Rock Springs Run	Victoria Plaza, Forest Avenue, 3rd Street, Park Ave	City of Apopka/Public Services		Relined gravity sewer	Relined to correct leaking joints		June 2007/2008	June 2007/2008	\$200,591	Water & Sewer Maintenance Fund 401			Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
3	Apopka	Low Impact	Springshed/ Rock Springs Run	Manholes (Alabama & 8th St; Little St. & 9th St; Park Ave, Charleston Park Subdivision)	City of Apopka/Public Services		Spraycoat Brick Manholes	Relined manholes with supercoat spray to prevent leaking between bricks		December 2008/2009	December 2008/2009	\$28,420	Water & Sewer Maintenance Fund 401			Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
4	Apopka	Low Impact	Springshed/ Rock Springs Run	Lift Station 9 & 10 Wet Wells	City of Apopka/Public Services		Reline/Spraycoat	Rehab Lift Station wet well due to H2S dissolving concrete walls		February 2009/2010	February 2009/2010	\$41,945	Water & Sewer Maintenance Fund 401			Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
5	Apopka	High Impact	Little Wekiva	Altamonte Springs Reuse to the City	City of Apopka/Public Services	City of Altamonte Springs	Reclaimed Water Collection	The City is in planning stage of receiving the City of Altamonte's reclaim water that is currently being discharged into the Little Wekiva - wet weather discharge. This will also reduce groundwater withdrawal from the City								Planning	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
6	Apopka	High Impact	Little Wekiva	Utilities Inc Reuse to the City	City of Apopka/Public Services	Utilities Inc	Reclaimed Water Collection	The City is in design stage of receiving Utilities Inc's reclaim water that is currently being discharged into the Little Wekiva - starting at 1MG/day. This will also reduce groundwater withdrawal from the City		2012						Design	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
7	Apopka	High Impact	Springshed/ Rock Springs Run	Orange County Reuse to the City	City of Apopka/Public Services	Orange County	Reclaimed Water Collection	The City is in the design stage of receiving 3 MGD of reclaimed water that is currently going to Orange County RIBs. This will also reduce groundwater withdrawal from the City		Late 2012	2013					Design	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
8	Apopka	Explain how this increases nutrient removal	Springshed/ Rock Springs Run	Downtown Regional Stormwater Storage Pond	City of Apopka/Public Services		Reclaim/Stormwater Storage Pond	Improvement of an existing drainage system and lined storage pond that will increase pollutant removal. Water will be reused in the reclaimed collection system.								Proposed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
9	Apopka	High Impact	Springshed/ Rock Springs Run	Northwest Reclaim and Stormwater Storage Pond	City of Apopka/Public Services		Reclaim/Stormwater Storage Pond	The City constructed a 120 MG lined Reclaim storage pond. The pond also collects stormwater from the 300 acre NW recreation facility that is filtered and distributed for irrigation. This will also reduce groundwater withdrawal		2007	2008	\$750,000				Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
10	Apopka	Cannot list as BMAP project. However, an ordinance that requires sewer for new development can be listed. Does the city have this?	Springshed/ Rock Springs Run	Ussler Road and Sir Arthur Ct Forcemain Extension	City of Apopka/Public Services		Collection System Expansion	The City installed 1,000 feet of 4 inch forcemain to enable new homes being constructed to connect to the City's collection system			8/3/2009					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
11	Apopka	Please confirm the # of septic tanks taken offline	Springshed/ Rock Springs Run	US 441 Forcemain Extension	City of Apopka/Public Services		Collection System Expansion/Septic to Sewer system	The City extended it WW collection system by installing 12,236 ft of 12 in forcemain to Jones Ave, making connections to Zellwin Farms and Zellwood Elementary School) and providing availability for future connections in the area.			12/19/2006					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
12	Apopka	How many septic tanks does this project take offline	Springshed/ Rock Springs Run	East 13th St Force Main Extension	City of Apopka/Public Services		Collection System Expansion/Septic to Sewer system	The City installed 1,450 feet of 4 inch force main to make sewer collection system available to new construction and for connections for current septic in the area			8/21/2007					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
13	Apopka	Cannot list as BMAP project. However, an ordinance that requires sewer for new development can be listed. Does the city have this?	Springshed/ Rock Springs Run	Trailer Haven Lane 4 inch Forcemain	City of Apopka/Public Services		Collection System Expansion	City installed 1,210 feet of 4 inch force main to accommodate new home construction in the area. Trailer Haven Ln abuts the west boundary of the Wekiva Springs State Park; therefore, preventing new septic from being installed near the State Park			6/1/2010					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
14	Apopka	Medium Impact	Springshed/ Rock Springs Run	Kelly Park at Rock Springs (Orange County Park)	City of Apopka/Public Services		Collection System Expansion/Septic to Sewer system	The Rock Springs Road & Kelly Park Rd collection system expansion allowed the City to connect the Orange County Kelly Park recreation area to the City's collection system and abandon their septic			12/11/2009					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
15	Apopka	Please confirm the # of septic tanks taken offline; also see Line #3 Comment.	Springshed/ Rock Springs Run	Kelly Park Road 8 inch Forcemain	City of Apopka/Public Services		Collection System Expansion/Septic to Sewer system	The City installed 1,250 ft of 8 in Forcemain along the east end of Kelly Park Rd. This allowed Orange County's Kelly Park to connect to the City's collection system and abandon their septic. It also allows for future septic connections near the Wekiva and Rock Springs area			1/10/2006					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
16	Apopka	Cannot list as BMAP project. However, an ordinance that requires sewer for new development can be listed. Does the city have this?	Springshed/ Rock Springs Run	Rock Springs Rd (RSR) 8 inch Forcemain	City of Apopka/Public Services		Collection System Expansion/Septic to Sewer system	The City extended 10,400 ft of FM to its collection system on RSR N from Ponkan Rd. to Kelly Park Rd. This will provide collection for areas close to the Wekiva Springs State Park. Thereby preventing the expansion of septic tank use in the area.								Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
17	Apopka	Please provide more information on size of the plant.	Springshed/ Rock Springs Run	Yothers Rd and Zellwood Station	City of Apopka/Public Services		Collection System Expansion	The City installed 5,375 ft of 10 inch FM and a lift station which allowed the Zellwood Mobile Home Park to decommission their package WWF and effluent percolation pond, reducing effluent load to the basin			9/7/2005					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
18	Apopka	Please provide more information on size of the plant.	Springshed/ Rock Springs Run	Chalet North Mobile Home Park			Collection System Expansion	The City worked in cooperation with Orange County EPD and the park to decommission the package wastewater treatment facility and effluent percolation pond and connect to the City's collection system			2/10/2003					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
19	Apopka	How many septic tanks does this project take offline	Springshed/ Rock Springs Run	Jones Avenue 12 inch Forcemain Extension	City of Apopka/Public Services		Collection System Expansion/Septic to Sewer system	City installed 1,250 feet of 12 inch force main in anticipation of connecting future commercial development to the City's collection system and off of existing septic			10/26/2010	\$65,000				Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
20	Apopka	How many septic tanks does this project take offline	Springshed/ Rock Springs Run	Zellwin Farms Sewer Connection and Holly Creek Phase IIA Subdivision			Septic to Sewer system	Jones Ave forcemain installation allowed City to connect Zellwin Farms to the City's wastewater collection system and off septic			6/23/2011					Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net	
21	Apopka	low Impact	Springshed/ Rock Springs Run	Individual Septic to Sewer Projects			Septic to Sewer system	Dr. Philip Trinh Dental Office (Existing septic was placed on City's wastewater collection system); Honey Transport Inc. (Existing septic was abandoned and the business was placed on City collection system); United Pentecostal Church (The City worked with the church to abandon their existing septic system during their expansion and connect to the collection system); Robinsons Restaurant (The City worked with the restaurant to transfer their wastewater effluent treatment from their septic system to the City's collection system)			9/7/2011				Completed	Jessica Schilling	407-703-1731	Jschilling@apopka.net		
22	Eustis	n/a permit required collection system upgrade	Wekiva Springshed	Bates Ave WWTP Nitrogen Reduction	City of Eustis	FDEP	Nitrification	Instal new treatment train to meet Wekiva Parkway & Protection Act standard of 10 mg/l			expected April 2012	\$5,100,000	State Revolving Fund				Rick Gierok	352-483-5480	gierokr@ci.eustis.fl.us	

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1	Entity	Credit Ranking	Subbasin	Project Name	Lead Entity	Project Partners	Project Type	Project Detail	ERP #	Project Start	Project End	Project Cost	Funding Source(s)	Estimated Nitrate Reduction (lbs/yr)	Nitrate Reduction Calculation Method	Status	Contact Name	Contact Phone	Contact Email	Comments
	Mt. Dora	Low Impact	Wekiva Springshed	Lift Station #1, 2, 3, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 22, 25, 27, 28, 30, 31, & 34 Piping	Mt. Dora	None	Sanitary System Inspections	#1-Cleaned & Camera Inspected 8" & 10" Pipe totaling 11,981 ft (Alex&er St, Donnelly St, Baker St, Lake Dora Rd, Tremain St) #2-Cleaned & Camera Inspected 8" pipe totaling 15,275 ft (Gr&view, Clayton, Liberty, Simpson, Rhodes, Rossiter, Slove, Plymouth, First Ave) #3 - Cleaned & Camera Inspected 8" pipe totaling 2,223 ft (S& Lake Ct, High Pt) # 7- Cleaned & Camera Inspected 8" pipe totalling 1,975 ft & upsized 360 ft of force main (Chetanham Ct, Coventry Ct, Canterbury Ct, Dorsett Ct, & Liberty Ave) #9 -Cleaned & Camera Inspected 12,281 ft of 8" pipe (2nd ave, 3rd ave, 4th ave, 5th ave, Simpson, Rhodes, Rossiter, Lake Franklin Dr, Summit Ave, Grovel&, Pinecrest & Stanley Bell Dr) #10 - Cleaned 22,558 ft of 8" pipe, Camera inspected 2,500 ft of 8" pipe (Unser, Orange, Simpson, Rhodes, Wardell, Limit Ave, Jefferson Dr, Jackson Ave, Grant Ave, Florida Ave, Pine Ave, High& Ave & FearonAve) # 11- Smoke Testing of 10,228 ft of 8", 10" & 12" Pipe (Stacey Dr, Sunrise Blvd, Karen Dr, Stacey Cir, Brookside Cir, Brookside Dr, Elizabeth Ln, Eric Ln, Oak Cir, Briarcflf Ln & Cottonwood Ln) #12- Smoke Testing of 3,214 ft of 8" pipe (St. & rews Wy & Heathl & Ct) #13 - Smoke Testing of 10,811 ft of 8" Pipe (Laurel Ridge Dr, St. James Way, Pine Hollow Dr, Arcadian Ct, Covey Cr & Friars Ct) #14 - Smoke Testing of 1,524 ft of 8" pipe on Greenbriar Trl. #15 - Smoke Testing of 11,874 ft of 8" pipe (Hunter Green, Country Club Blvd, Oakcrest Cir, Laurel Dr, Shadowood Cir, Falcon Bridge Pl & Spring Creek Ct) #16 - Smoke testing of 5,399 ft of 8" pipe (Park Forest Blvd, Chase Ct, Stratford Springs Blvd, Citrus Cir, Edgewater Dr, Wynnape Ct & Country Club Blvd) #17 - Smoke Testing of 3,885 ft of 8" pipe (Loch Leven Ln, Juliette Blvd, Augustus Ln, & Caesars Ct) #20 - Cleaned & Camera Inspected 8" Pipe totaling 5,688 ft (Waterman Ave, Oakhill Ln, Mapleton Ln, Rockport Ln, Elmwood Ln, York Ln, Warfield Way, Salem Ave, Waterford Ave, Essex Ave, Beacon Ln) #22- Cleaned & Camera Inspected 3,666 ft of 8" & 21" pipe on Limit Ave. #23 - Cleaned & Camera Inspected 745 ft of 8" pipe on Magnolia Ending. #25- Cleaned & Camera Inspected 6,741 ft of 8" pipe (Village Ln, Stratford Ln, Foxboro Ct, Amherst Ln, Clagary Ln, Mary Ln, Ken Ct, David Ct & Durham Ct) #27 - Cleaned & Camera Inspected 2,628 ft of 8" pipe on Spring Harbor Cir. #28 -Cleaned & Camera Inspected 1,163 ft of 8" pipe. #30 -Cleaned & Camera Inspected 2,509 ft of 8" pipe (Ole&er, Camellia, Azalea & Laurel Dr) #31 -Cleaned & Camera Inspected 512 ft of 8" pipe on Arbor Way. #34 - Cleaned, Camera Inspected & Smoke Tested 10,168 ft of 8" pipe (Castell Blvd, Capri Ln, Palermo Ct, Isola Bella Blvd, Stefano Ct & Murano Ct)	None	Jan 2006 thru Jun 2011	December 2006 thru October 2011	\$21,000	Sewer Maintenance Fund			Completed	Patti Olney	352-551-9263	olneyvp@ci.mount-dora.fl.us	
23	Mt. Dora	Low Impact	Wekiva Springshed	Lift Station #10 Piping Replacement (Pine Avenue)	Mt. Dora	DCA	Gravity Sewer Pipe Replacement	Replace 602 feet of 8" Pipe and two manholes.	None	October 2011	December 2011	\$160,000	CDBG Grant			Completed	Patti Olney	352-551-9263	olneyvp@ci.mount-dora.fl.us	
24	Mt. Dora	Low Impact	Wekiva Springshed	Pipe Lining 2007, 2008, 2009, and 2010	Mt. Dora	None	Line Sanitary Sewers	2007- Lined 7,094 ft of 8" sewer main on Clayton & Liberty St. 2008- Lined 8,040 ft of 8" & 10" sewer main (Gr&view, Alex&er, Tremain, Baker, Lake Dora Rd, Pine Ave & Donnelly St). 2009 -Lined 3,746 ft of 8" pipe on Old Eustis Rd & Donnelly St. 2010 -Lined 1,500 ft of 21" pipe along Lake John.	None	Jan 2007 - Jan 2011	Dec 2007 - Dec 2011	\$705,917	Sewer Maintenance Fund			Completed	Patti Olney	352-551-9263	olneyvp@ci.mount-dora.fl.us	
25	Mt. Dora	Low Impact	Wekiva Springshed	CDBG Grant	Mt. Dora	DCA	Septic Tank Converted to Gravity Sewer	Extended 8" sewer main and installed 4 laterals to connect 4 duplexes to City Sewer on 11th Avenue. The existing septic systems were abandoned.	None	May 2011	Dec 2011	\$63,000	CDBG Grant			Completed	Patti Olney	352-551-9263	olneyvp@ci.mount-dora.fl.us	
26	Mt. Dora	Medium Impact	Wekiva Springshed	Lift Station #7 Rehab and Relocation	Utilities/Engineering	City of Ocoee	The rehabilitation by replacement of the existing Lift Station #7	Existing lift station had reached the end of its life cycle and was experiencing operational issues. The replacement station was relocated north 900', a new gen set was provided, bypass pumping was provided and an increase in pump's hp.	FDEP #0018234-010	August 2008	November 2010	\$1,901,067	Bond Proceeds	n/a	n/a	Completed and in Operation	City of Ocoee Utilities Department	(407) 905-3159		Project increased treatment conveyance capacity by approx. 750 ERU per day and took offline an over-capacity forcemain suffering from historical failures.
27	Orlando	Low Impact	Little Wekiva River	Fairview Shores - North Service Area	City of Orlando		New Sanitary Service + 2 Stormceptor Units	Improvements of the sanitary sewer, drainage and roadway. Installed new sanitary force main, lift station(#65) and gravity pipes in area with septic tanks to reduce nutrient seepage into groundwater table. Installed 2 Stormceptors to capture gross pollutants before reach lake.	40-095-97536-1	2006	2008	\$4,522,401	Multiple Sources including Stormwater Utility & Wastewater General Construction Fund			Completed	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
28	Orlando	Medium Impact	Little Wekiva River	Rio Grande Sanitary Sewer	City of Orlando		New Sanitary Service	Installation of gravity lines in area with septic tanks to reduce nutrient seepage into groundwater table		1999	2000	\$1,622,124	Wastewater General Construction Fund			Completed	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
29	Orlando	Medium Impact	Little Wekiva River	West Lake Fairview Sanitary Sewer	City of Orlando		New Sanitary Service	Installation of sanitary sewer in area with septic tanks to reduce nutrient seepage into groundwater table				\$6,000,000	Wastewater General Construction Fund			Envisioned	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
30	Orlando	Low Impact	Little Wekiva River, Little Wekiva Canal	Mercy Dr Sewer Rehab	City of Orlando		Sanitary Force Main and Pipe Replacement	Replaced Force Main on Mercy Dr from S of Princeton to LS #45. Connected or replaced new sanitary pipe to existing pipes.		2000	2002	\$878,400	Wastewater Renewal and Replacement Fund			Completed	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	Prior to replacement, Force Main failure had caused 2 major overflows into Lake Lawne.
31	Orlando	Low Impact	Little Wekiva River, Little Wekiva Canal	Regent Ave Force Main 2613	City of Orlando		New Sanitary Force Main	Construction of force main along Silver Star Rd connecting Lift Station #37 to existing 24" Force Main and 24" gravity sewer on Mercy Dr				\$2,000,000	Wastewater Collection System Construction Fund			Envisioned	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	Design Complete; Waiting for additional \$1 Million in funding
32	Orlando	Low Impact	Little Wekiva River	Lift Station #37 Improvements	City of Orlando		Sanitary Lift Station Replacement	Lift station is one of oldest in City. The wet well is made of brick and starting to fail. Lift station will be replaced with pre-cast concrete with a liner and bigger capacity. A new pumping station and associated components will be installed, along with a standby generator. Gravity pipes in area will also be replaced.		6/2009	Ongoing	\$1,400,000	Wastewater Collection System Construction Fund			Ongoing	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
33	Orlando	Low Impact	Little Wekiva River	Lift Station #93 Improvements	City of Orlando		Sanitary Lift Station Replacement	Lift Station was relocated and completely rebuilt with new, upgraded equipment, including a generator not present at previous location		1999	2001	\$767,632	Wastewater General Construction Fund			Completed	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
34	Orlando	Medium Impact	Little Wekiva River	Lynx Facility	City of Orlando		New Sanitary Service + Lift Station	Installation of sanitary sewer in area with septic tanks to reduce nutrient seepage into groundwater table		2006	2007					Completed	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
35	Orlando	Low Impact	Little Wekiva River	West Lake Silver Phase 1 & 2	City of Orlando		New Sanitary Lift Station	Installation of Lift Station in new commercial area		1999	2000					Completed	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
36	Orlando	Low Impact	Springshed	Master Pump/Equalization at Water Conserv II	City of Orlando		Sewage Treatment Upgrades	Installation of Equalization Basin will regulate flows to allow for enhancement of treatment and overall reduction of TN & TP in effluent. (Average Flow = 14 MGD (Daily ranges: 7-25 MGD))		1/09	Ongoing	\$13,009,575	Wastewater General Construction Fund	See Comments		Completed	Paul Deuel	(407) 246-3510	Paul.Deuel@cityoforlando.net	Estimated 15-20% TN & TP Reduction in effluent; Expected Completion Date = June 2011
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38	Orlando	Low Impact	Springshed	Phase One Treatment Plant Improvements at Water Conserv II	City of Orlando		Sewage Treatment Upgrades	Installation of Internal Recycle Pump + Improvements to Aeration and Secondary Clarifier		2011	2014	\$12,000,000	State Revolving Fund	See Comments	Under Design	Ongoing	Paul Deuel	(407) 246-3510	Paul.Deuel@cityoforlando.net	Estimated 20% NOx Reduction in effluent
39	Orlando	Low Impact	Little Wekiva River	Lift Station #85 VFD's	City of Orlando		Sanitary Lift Station Improvements	Installation of Variable Frequency Drives that will extend life of pump motors, which prevents possibility of overflows. In addition, will be more energy efficient at a future cost savings to City.				\$2,830	Wastewater General Construction Fund			Envisioned	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
40	Orlando	Low Impact	Little Wekiva River	Line Sanitary Sewers	City of Orlando		Line Sanitary Sewers	Line sewers to prevent untreated sewage from escaping through cracks and joints. Project will reduce nutrient seepage into groundwater table.				\$2,500	Wastewater Collection System Construction Fund			Planned & Funded	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	0.5 miles of pipe are expected to be lined within basin
41	Orlando	Low Impact	Little Wekiva River	Sanitary System Inspections	City of Orlando		Sanitary System inspections	Conduct proactive inspections and perform routine maintenance on lift stations and sanitary lines. Identify problem areas and increase maintenance frequency or perform repairs to prevent overflows from occurring. In addition, assist with Sunshine State One-call of Florida ("Call Before You Dig" / Line Locates).			Ongoing		Wastewater Collection System Construction Fund			Ongoing	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
42	Orlando	Medium Impact	Little Wekiva River	Arthur Ave Sewer Line	City of Orlando		New Sanitary Service	Installation of approximately 1200' of gravity lines in area with septic tanks to reduce nutrient seepage into groundwater table.		1998	1998	\$53,977	Wastewater General Construction Fund			Completed	Chuck Shultz	(407) 246-2658	Charles.Schultz@cityoforlando.net	
43	Orange County	Low Impact	Wekiva Springshed/Study Area	Forcemain/Gravity Replacement (All American Boulevard Improvements; Clarcona Ocoee - Clarke to Hiwassee Improvements; Clarcona Ocoee - Ingram to Clarke; North Pine Hills Forcemain Reroute; Maitland Boulevard Extension East form Rose Avenue to Hiwassee Road)	Orange County Public Works (OCPW)	OCU/OCPW	Forcemain/Gravity	Install 1200 feet of 4-inch forcemain. New forcemain expected to prevent ww leakage. All American Blvd from Clarcona Ocoee to Kennedy; Forcemain from Avalon Road to Hiwassee Road. 7600 LF 36" FM; 760 LF 30" FM; and 1200 LF 12" FM. Many parcels near 35-21-28-0000-00-150; Install 4500 feet of 12" forcemain. New forcemain expected to prevent ww leakage. Clacona Ocoee Road from Ingram to Clarke; Install 11,000 ft of forcemain from Indian Hill Rd to PS #3411. New forcemain will prevent ww leakage. North Pine Hills Road at Indian Hill Road and Clarcona/Ocoee Road; Relocate 710 LF 4" FM; 1280 LF 16" FM; and 710LF 8" gravity main Many parcels near 30-21-29-0521-00-010	TBD	TBD	TBD	\$10,494,000	OCUD Capital Improvements Program Budget	685.57	Notes	90% design	Christina Crosby	407-254-9706	Christina.Crosby@ocfl.net	ROW purchase underway
44	Orange County (Utilities)	Low Impact	Wekiva Springshed/surface watershed	Gravity Sewer Rehab (Lake Lawne Rehabilitation; Powers Drive/ Hudson Street Wastewater Improvements; Lakewood Forest and Tealwood Cove Wastewater Improvements)	Orange County Utilities (OCU)	Possible partnership with City of Orlando - final decision pending	Gravity Sewer Replace/Repairs	Combination of CIPP and point repairs to restore approximately 10,000 LF of 8-inch gravity sanitary sewer including lining or coating 40 manholes. Near 20-22-29-4552-08-001; In addition to upsized storm pipes that go to Lake Robin, project includes replacing FM, gravity line, and manhole. Replacement of the forcemain will reduce leakage of sewage. Near 24-22-28-7573-15-250; Pump Station #3045 will be removed and relocated plus removal of existing force main and installation of 800 feet of gravity sewer. 29-21-29-4940-00-230	exempt	2006 & 2008	On-going	\$1,780,000	SRF & OCUD Capital Improvements Program Budget	605.55	N/A	Construction 75% complete	Elizabeth O'Reilly	407-254-9734	elizabeth.oreilly@ocfl.net	
45	Orange County	Low Impact	Wekiva Springshed/Study Area	Pump Station Replacements/Repairs (Huggins PS #3006 Replacements; Hiwassee Rd.; NWSA PS "B"; Laurel Park; Chateau Orleans; Sherry Drive; Citrus Cove; Magnolia Bay; Sun Bank PS # F3169 (aka 3001); Lake Sherwood Hills; Lonesome Pines PS # F3195 (aka 3012); Breezewood Sub; Lake Sparling 1; Lake Sparling 2)	Orange County Utilities (OCU)	None	Pump station	Replace Pump Station #3006 Huggins and North Hastings; R/R of wastewater pump station #3038 26-22-28-0000-00-003; R/R of wastewater pump station #3411 06-22-29-5844-00-110; R/R of wastewater pump station #3099 20-23-29-5360-00-170; R/R of wastewater pump station #3133 21-23-29-5361-00-211; R/R of wastewater pump station #3225 12-23-30-1280-00-001; R/R of wastewater pump station #3251 33-21-29-1341-00-002; R/R of wastewater pump station #3302 32-21-29-7134-03-301; R/R of wastewater pump station #F3169 19-22-29-6954-08-051; R/R of wastewater pump station #3230 23-22-28-0000-00-053; R/R of wastewater pump station #F3195 Near 13-22-28-5175-04-040; R/R of wastewater pump station #3014 12-22-28-0885-00-000; R/R of wastewater pump station #3028 01-22-28-0000-00-005; R/R of wastewater pump station #3202 01-22-28-4743-00-040	TBD	2006 - present	2007-ongoing	\$13,263,500	OCUD Capital Improvements Program Budget	unknown	Notes	ongoing	Alan Gay	407-254-9724	algaen.gay@ocfl.net	
46	Seminole County	Low Impact	Wekiva Basin	Lift Station Rehab	Seminole County Environmental Services	N/A	lift station rehabilitation	Wet well sealing and rehab of lines (Wilson School LS, Breckenridge LS, Stockbridge LS, Lake Forest #5 LS, Buckingham LS, Retreat at Wekiva LS, Aster Farms LS, Bel-Aire #3 LS, Bel-Aire #1 LS, Heathrow Master LS)	n/a	7/2004	4/2006	\$324,353	Water & Sewer Maintenance Fund 401			completed	Ruth Hazard	407-665-2115	rhazard@seminolecountynfl.gov	
47	Seminole County	Low Impact	Wekiva Basin	Gravity Main Testing & Repairs	Seminole County Environmental Services	n/a	lateral repair	lateral repair- 1512 Cherry Rdg, 2067 Northumbria, 169 Killarney Ct, Shadowmoss Dr gravity main repair- 844 Preserve Terr, International Dr. & CR46A, Lake Rena Dr. smoke testing and sealing laterals- Alauqa Lakes, Heathrow Woods # 1 & 2 L.S, Lake Forest 1 & 2, Lake Forest 1 & 2 additional work, Lake Forest 3 & 4, Aster Farms	n/a	2/2005	12/2011	\$401,878	Water & Sewer Maintenance Fund 401			completed	Ruth Hazard	407-665-2115	rhazard@seminolecountynfl.gov	
48	Seminole County	Low Impact	Wekiva Basin	Apple Valley LS	Seminole County Environmental Services	n/a	Lift station replacement	relocated and built brand new lift station	n/a	5/2010	8/2010	\$351,975	Seminole County Capitol Improvement Projects			completed	Ruth Hazard	407-665-2115	rhazard@seminolecountynfl.gov	
49	Seminole County	Low Impact	Wekiva Basin	Bridgewater Drive	Seminole County Environmental Services	n/a	manhole sealing	manhole sealing	n/a	7/2010	7/2010	\$16,179	Water & Sewer Maintenance Fund 401			completed	Ruth Hazard	407-665-2115	rhazard@seminolecountynfl.gov	
50	Winter Garden	Low Impact	Springshed	State Road 50 Utility Relocation	City of Winter Garden	N/A	Sewering	Replacement of City utilities due to the widening of SR 50. This project includes the replacement of 5,210 LF of 24 inch clay pipe and 2,650 LF of 18 inch clay pipe.	N/A	Jan 10	12/2011	Capital	Utilities			Ongoing	Michael Kelley	407 656 4111	mkelley@cwqcdn.com	The existing clay pipe is being replaced with SDR 26 PVC pipe. This project also includes the installation of fiberglass sanitary sewer manholes.